



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

Table of Contents

- A. General Application Information**
- B. Eligibility Factors**
- C. Executive Summary**
- D. Proposed Funded Service**
- E. Proposed Service Offering**
- F. Technology Strategy**
- G. Project Milestones Completion Factors**
- H. Project Budget**
- I. Self Scoring**
- J. BTOP Certification Requirements**
- K. BIP Certification Requirements**
- L. Schedules**
- M. BIP – BTOP Service Area Details**
- N. Uploads**



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

A. General Application Information

1. Applicant Information	
1-A. Name, Address, and Federal ID for Applicant	
i. Legal Name:	ION Hold Co.,LLC
ii. Employer/Taxpayer Identification Number (EIN/TIN):	262736592
Street 1:	80 State Street
Street 2:	Suite 700
City:	Albany
County:	Albany
State:	NY
Country	United States
Zip/Postal Code:	12207

1-B. Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
Prefix:	Mr.
First Name:	Joe
Middle Name:	
Last Name:	Calzone
Suffix:	
Telephone Number:	518-689-4551
Fax Number:	
Email:	jcalzone@i-o-n.com
Title:	Vice-President



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

1-C. Other Required Identification Numbers	
i. Organizational DUNS:	831268003
ii. CCR # (CAGE):	831268003
iii. Funding Opportunity Number:	1
iv. Catalog of Federal Domestic Assistance Number:	BTOP CFDA Number: 11.557 BIP CFDA Number: 10.787 BTOP CFDA Title: Broadband Technology Opportunities Program BIP CFDA Title: Broadband Initiatives Program

1-D Eligible Entities

Please classify your organization. (Note: If there are multiple organizations involved in the project, designate the lead applicant that would enter into a Loan or Grant agreement with the Agency and assume operational and financial responsibility should an award be made). **For-Profit Corporation**

1-E. RUS Borrower Status

Yes

1-F. Applicant Federal Debt Delinquency Explanation

Is the Applicant Delinquent On Any Federal Debt? **No**

Federal debt delinquency Explanation:

N/A

2. Project Description & Project Title

2-A. Project Title: ION Upstate New York Rural Broadband Initiative

2-B. Project Description: ION will build 10 new segments of "Middle Mile" infrastructure which will incorporate more than 70 additional rural communities into its current statewide fiber backbone. ION will enhance its reach throughout rural New York with its Open Network design; this will enable a host of last mile service providers to bring their products and services to numerous underserved and unserved areas of rural NY.



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

3. Application ID for Multiple Submissions for Identified Service Areas:
N/A

4. Rural Area Determination

At least 75 percent of the proposed service area to be funded falls within rural areas that are unserved or underserved.

No

5. Applications for Rural Areas: Please choose the funding program(s) to which you are submitting this application.

a) BIP broadband infrastructure category to which you are applying:

b) Would you like this Application for Rural Areas to also be considered for BTOP funding?

Yes

c) BTOP Infrastructure category for which you are applying.

Middle Mile

6. Applications for All Other Areas: Per the NOFA, all applications to fund broadband infrastructure projects in areas that are less than 75% rural must be submitted to NTIA for consideration under BTOP.

BTOP broadband infrastructure category to which you are applying: **Middle Mile**

B. Eligibility Factors

7. Application Submission

BIP and BTOP Factors Selected By Applicant:

Applicant has submitted a completed application and provided all supporting documentation required for the application.

The Project will be substantially complete within 2nd year from the award date, and the project will be fully



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

<p>complete by the end of the 3rd year from the award date.</p>
<p>For projects seeking more than \$1 million funding, the Applicant agrees to submit a certification, from a Professional Engineer, that attests that a) the system will deliver the stated performance; and b) the projected project will be substantially completed within two years, and fully completed within three years.</p>
<p>The Applicant provides two-way data transmission with advertised speeds of at least 768 kbps downstream and 200 kbps upstream.</p>
<p>Applicant understands and agrees to comply with the nondiscrimination and interconnection obligations outlined in the NOFA.</p>
<p>If applying for a last mile Broadband Infrastructure project, applicant understands and agrees to comply with the last mile coverage obligations as outlined in the NOFA.</p>

Additional Factors for BIP Selected By Applicant
<p>At least 75 percent of the proposed funded service area qualifies as unserved and underserved rural areas in accordance with the NOFA.</p>
<p>Applicant understands and agrees that the project will be fully funded in accordance with the requirements of the NOFA.</p>
<p>Applicant understands and agrees that only projects that RUS determines to be financially feasible and/or economically sustainable will be eligible under this NOFA.</p>



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

<p>Additional BTOP Factors Selected By Applicant</p> <ul style="list-style-type: none"> • Conformity with Statutory Purposes • Cost Sharing/Matching • Reasonableness of Project Budget
The project advances at least one of the statutory purposes for BTOP
Applicant has provided documentation that the project would not have been implemented during the grant period without federal grant assistance.
Applicant has provided a budget that is appropriate to the proposed technical solution and only includes eligible costs.

- **Demonstration the Project Could not be Implemented But For Federal Grant Assistance**
Applicant is providing matching funds of at least 20 percent towards the total eligible project costs?
Yes

7-k. Cost Sharing/Matching Fund Explanation
N/A

C. Executive Summary

Executive Summary of Project for BIP and BTOP:

8. Infrastructure Projects Executive Summary

For New York State the economic story is bleak. We now have more than 850,000 New Yorkers unemployed as of the end of June – more than double the number in December 2006 and the highest number in at least 33 years, and our labor markets continue to deteriorate. New York State needs help for real economic recovery, and the opportunities offered in the American Recovery and Reinvestment Act is a step in the right direction, and the basis of the ION application.

The problem of unavailable and unaffordable broadband service in upstate New York is severe, subjecting rural communities to vast economic and quality of life disadvantages. New York is



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

ready, shovel ready, for true economic growth, but we have a huge weakness in the necessary fiber infrastructure needed for that growth. The fact is that the rural areas of Upstate New York have limited or no access to large capacity, inexpensive broadband and have suffered for it.

Upstate New York is a strong, economically viable region with much to offer; it has reasonably priced real estate, an immense supply of inexpensive hydro power, an educated workforce, underutilized major highways, and fully developed business parks that are ready and waiting for businesses. The missing component is high capacity, redundant, affordable broadband throughout the state as a whole.

ION, a for-profit company based in Albany, New York, that has developed and managed a 2200+ mile fiber route throughout rural New York, and DANC (Development Authority of the North Country), a public benefit corporation, that has developed and manages a 750 + mile fiber route throughout the very rural North Country of New York, have agreed to pool their resources and knowledge of the upstate rural markets and have developed a plan that goes above and beyond any previous effort to create access to broadband service in rural New York State. We believe that this project reaches the largest population of unserved (12) and underserved (32) communities in rural New York. Only a broadband concept as comprehensive as this will give New York the chance to complete an economic recovery and compete in today's global economy.

This application contains a well thought out, significantly supported, and cost effective middle mile broadband solution to these problems. The ION-DANC partnership, will (1) improve broadband access conditions in communities that have limited, insufficient, or no access to middle mile broadband; (2) promote robust middle mile broadband access for essential state and local governmental services including, public safety, health and education, and general services; (3) significantly increase the availability of middle mile infrastructure for "last mile" service providers, and (4) create conditions that will encourage economic competitiveness and job growth throughout New York State. With its rural broadband network expertise, ION and DANC can start projects immediately, which means immediate economic growth, job creation, retention, as well as key enhancements of quality of life in New York State.

ION will provide and improve middle mile broadband service through the mostly rural geographic landscape of upstate New York. In addition to enabling connectivity for other last mile networks, the ION project will make high speed, affordable, redundant fiber-based services available to over 300 strategic institutions, and will immediately connect to over 100 of these key community institutions including: libraries, community colleges, State University



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

of New York (SUNY) sites, Department of Corrections (DOCS) correctional facilities, county government buildings, the Griffiss Business & Technology Park, health clinics, and NYS Department of Mental Health locations. For approximately \$49,655,768, the project brings 1,308 miles of new “middle mile” infrastructure through more than 70 towns with a total population of 590,000+, including over 250,000 households, and 38,000 businesses. This project consists of 10 primary routes that create or complete fiber rings, as well as multiple lateral routes to rural areas and anchor institutions. The project, in combination with ION’s and DANC’s existing networks, will cover a majority of the rural areas of New York, and parts of Pennsylvania and Vermont. The general design of the ION-DANC transport system, based on fiber optic DWDM and SONET transport and distribution, has near unlimited capacity and connection speed using a design that supports future growth. The network also has the proven reliability, simplicity and cost effectiveness of Ethernet. This middle mile solution embraces the concept of a single versatile infrastructure that supports multiple service architectures, to ensure ongoing diversity without recurring infrastructure cost. ION will continue to support all last mile service providers in a nondiscriminatory fashion.

The Projects

Project 1: Southern Tier West Fiber Backbone - Whitesville to Jamestown

ION in collaboration with Southern Tier West, Dunkirk-Fredonia Tel and Zito Media Communications propose a three county network, intended to commence with a 115-mile core fiber broadband backbone connecting rural areas and anchor institutions.

Project 2: Western New York Redundant Fiber Ring (via Armstrong Tel, Empire Tel, and Frontier Communications)

ION in collaboration with Armstrong Telephone, Empire Telephone, and Frontier Communications propose construction of a 140-mile route protected fiber broadband backbone to connect Odessa, Prattsburg, Alfred, Almond and Naples, NY.

Project 3: Chemung and Steuben County Fiber Backbone Network

The Chemung and Steuben county areas of NY are vastly underserved with reliable and affordable broadband services. The route will also go through Painted Post, Corning, and Elmira, and will connect to Corning Research and Development and other anchor institutions in the region.

Project 4a/4b: New York - VT/NH Network Connectivity (Crown Point, NY to Burlington, VT) and (Whitehall, NY to Rutland, VT)

ION in collaboration with Sovernet Communications, a telecommunications company serving Northern New England, will construct fiber to connect the ION upstate New York network to



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

Sovernet's broadband backbone located in Vermont and Western NH. This build will enable delivery of services to rural areas, reduce the cost of Internet connectivity for northern New England carriers, and create a redundant, reliable backbone between upstate NY and northern New England.

Project 5: Herkimer and Oneida County Fiber Backbone Network

The Herkimer and Oneida county areas of NY are vastly underserved with reliable and affordable broadband services. The route will go through Utica and Herkimer and connect to anchor institutions as well as the major cellular providers in the area.

Project 6: ION and DANC - North Country Route Protection (Boonville to Holland Patent), including lateral links (Projects 6a-b-c)

ION in collaboration with DANC will construct the proposed route, which provides government (Ft Drum), educational, strategic business, and service provider customers the benefits of affordable access and route protection. Lateral links will be constructed to NY Power Authority, SUNY Institute of Technology, Griffiss Business Park (Dept. of Defense needs Internet2) and other strategic institutions.

Project 7: New York - Pennsylvania Fiber Network Redundant Route via (3) PA Telephone Companies

ION will construct and use leased fiber starting from Hancock, NY, going thru Port Jervis and on to Monroe, NY. This fiber route goes through the service areas of Lackawaxen, South Canaan, and North Eastern Pennsylvania Telephone Companies, enabling those companies to upgrade their broadband services and improve reliability. This fiber build will provide additional route protection from the Binghamton, New York area.

Project 8: North Country Broadband Backbone (Massena to Plattsburgh), including lateral links (Projects 8a--b-c)

ION in collaboration with DANC will construct a network from Massena, NY to Plattsburgh, NY that completes a redundant ring across the northern part of the state. These connections will allow ION and DANC to provide much needed affordable broadband access and route redundancy in the vastly un- and underserved northern part of the state. It will provide robust new service availability to the towns and institutions (NYS Department of Corrections, healthcare, and others) the network goes through.

Project 9: Southern Tier East Fiber Backbone - 7 Community Network

ION will construct a fiber broadband network across a seven county area; starting from the Dryden network POP and ending in Middleburgh. These counties and surrounding areas are vastly underserved, and the ION fiber network will provide affordable and reliable broadband



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

access for the creation of new services. The route will serve SUNY campuses in Cobleskill, Morrisville, Oneonta, and Cortland, as well as the other anchor governmental, educational, and healthcare institutions, such as Bassett Healthcare.

Project 10: Southern Adirondack Fiber Backbone, including lateral links (Project 10a-b)
In collaboration, ION and DANC will construct 506 miles of fiber in the Southern Adirondacks, which are vastly underserved with reliable and affordable broadband services. It will have direct links to New York State Department of Corrections and healthcare facilities as well as other strategic institutions.

In closing, for residents and businesses in rural New York, change cannot come soon enough. Without the “middle mile” infrastructure that ION and DANC will create, hundreds of thousands of New York residents and businesses will be left behind, stuck with slow broadband at unaffordable prices or with no broadband at all. The ION “middle mile” infrastructure provides availability to affordable and robust broadband to the remote and rural communities that make up most of upstate New York.

Description of BTOP Project Purpose (BTOP Applicants Only Next Three Questions)

9. BTOP Statutory Purpose:



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

Provide access to broadband service to consumers residing in “unserved” areas of the United States.
Provide improved access to broadband service to consumers residing in “underserved” areas of the United States.
Provide broadband education, awareness, training, access, equipment, and support to schools, libraries, medical and healthcare providers, community colleges and other institutions of higher education, and other community support organizations by or through these organizations.
Provide broadband education, awareness, training, access, equipment, and support to organizations and agencies that provide outreach, access, equipment and support services to facilitate greater use of broadband service by low-income, unemployed, aged, and otherwise vulnerable populations.
Provide broadband education, awareness, training, access, equipment, and support to job-creating strategic facilities located within a defined economic zone, or community as designated by a State authority, Department of Commerce , HUD or USDA.
Improve access to, and use of, broadband service by public safety agencies.
Stimulate the demand for broadband, economic growth, and job creation.

10. Description of BTOP Project Purpose:

ION’s project will support all of the statutory objectives of the BTOP program:

Provide access to broadband service to consumers residing in "unserved" and provide improved access to broadband service to consumers residing in "underserved" areas of the United States.

The proposed ION network will serve 12 “unserved” areas and 32 “underserved” areas in New York, Pennsylvania and Vermont. As a proven leader in providing high-capacity, reliable telecommunications services to the rural areas of New York; with a 2200 mile operational “middle mile” network currently, ION will give “last mile” providers the ability to provide services in previously unserved and underserved areas of New York and Pennsylvania.



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

Provide broadband education, awareness, training, access, equipment, and support to Schools, libraries, medical and healthcare providers, community colleges and other institutions of higher education, and other community support organizations by or through these organizations.

ION has and will continue to partner with local and regional development agencies to offer support for this statutory objective. As supporting documents demonstrate, numerous development agencies, private and public institutions, governmental agencies, and healthcare providers have offered ION their support in hopes that ARRA funding will enable ION to bring broadband capacity at lower cost to their area and institutions. Several research institutes and hospital systems support the project because it will enable them to enhance services, intra and inter-organizational and in their patient care. ION is working with New York State Office of Mental Health, which is looking for “middle mile” infrastructure connections between its statewide offices. ION is working with New York State Department of Corrections to connect its facilities to one another, and to provide the robust broadband connections they need to better perform their mission and duties. The priority for ION with this funding will be to seek out and work with all governmental, educational, and healthcare entities that need service or that can offer services to support the vision of the American Reinvestment and Recovery Act.

Organizations and agencies that provide outreach, access, equipment, and support services to facilitate greater use of broadband service by low-income, unemployed, aged, and otherwise vulnerable populations.

ION will support the broadband needs of the local workforce investment boards, state and local Chambers of Commerce, community training facilities, and federal and state training facilities. ION is focused on extending “middle mile infrastructure” to rural areas that typically are very low income and have higher than average unemployment rates. ION has been meeting with and discussing this with entities that can support the vision of overcoming the challenges those rural areas face day in and day out.

Job-creating strategic facilities located within a State-designated economic zone, Economic Development District designated by the Department of Commerce, Renewal Community or



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

Empowerment Zone designated by the Department of Housing and Urban Development, or Enterprise Community designated by the Department of Agriculture.

ION has worked with the New York State Economic Development Agency and attended meetings and conferences to help understand and offer support to the efforts of the state and local agencies for economic development and the tremendous need for broadband connectivity throughout rural upstate New York. ION has a relationship with the Department of Housing and Urban Development through one of its owner companies and has worked closely to spur economic development activities in rural communities.

Additionally, and as explained in further detail in other sections of this application, ION is working in close collaboration with Southern Tier West, Southern Tier Central, Southern Tier East, Community Broadband Network (CBN), and other development agencies where job creation is central to their mission.

Improve access to, and use of, broadband service by public safety agencies.

ION seeks to address the needs of public safety agencies and has met with county wide and local agencies to address the need for reliable, affordable and secure capacity to meet the needs of these entities. The ION middle mile project will indirectly benefit these agencies in un and underserved areas by enabling other service providers deployment of higher broadband capacity. Supporting these agencies is a priority for the ION network.

Stimulate the demand for broadband, economic growth, and job creation.

With the funds sought in this application ION has and will partner with numerous economic and development regional development boards, local and county development agencies and Chambers of Commerce. ION has worked very closely with Southern Tier Central Regional Planning and Development Board, Southern Tier East Regional Planning and Development Board, and Southern Tier West Regional Planning and Development Board, and many county and local economic agencies to aggregate demand and create specific projects which they then help fund. Each year, these agencies' parent organization, Appalachian Regional Commission,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

provides funding for several hundred projects throughout the Appalachian Region in support of these goals. These projects create thousands of new jobs, improve local water and sewer systems, increase school readiness, expand access to health care, assist local communities with strategic planning, and provide technical, managerial, and marketing assistance to emerging new businesses. Each of these development entities brings a variety of strengths and expertise to the regions and communities they serve and thus they bring firsthand knowledge of their Broadband needs to the ION projects.

There is an immediate and substantiated desire to start utilizing this infrastructure to support businesses state wide, attract new businesses to more rural areas in the state, to train and educate populations and business on the usefulness of this powerful tool, and to encourage business owners to market and grow their businesses via Broadband access. With funds from this grant opportunity, ION will be the “middle mile” network for many of these un and underserved areas in New York. Specifically, ION will provide middle mile connectivity for the Development Authority of the North Country (DANC), whose mission it is to serve the common interests of Jefferson, Lewis, and St. Lawrence Counties by providing assistance and infrastructure, which will enhance the economic vitality of the region and promote the health and well being of its communities and; CBN Connect which is intended to be a wholesale "carrier's carrier," providing open services broadband transport throughout the Clinton, Essex and Franklin Tri-County region of New York State; and The Otsego County Open Access Telecommunication Network, who is applying under this process for capital to build a fiber optic backbone in Otsego Couty with the intention of connecting the anchor institutions and providing services to the rural area they are in; and there are many more.

The ION project will not only enable service providers to provide state of the art broadband services in previously unreachable areas using ION’s middle mile network, but will also in most cases allow the residents to have a choice of service provider.

11. BTOP Enhanced Services for Health Care Delivery, Education, and Children:

ION’s plan exemplifies the American Reinvestment and Recovery Act’s mission. ION understands clearly that getting the fiber backbone in place is only part of the plan, and the fiber must get to the “neediest” and the most unserved and underserved areas of the state.

To ensure that the network is utilized to its maximum potential, ION is working closely with



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

governmental agencies and “community partners”, with whom ION already has ongoing relationships. With these relationships in place, the ION network is well suited to meet the needs of the most vulnerable populations and the most essential community anchors. Whether it is hospitals, educational institutions, libraries, or government agencies, service in rural areas is personal to ION. The founders of ION have been committed to serving New York’s rural communities for over 1100 years collectively. ION has the same commitment to the rural needs of New York that its founding companies have had for generations, it is inherent and part of ION’s core mission.

Southern Tier West, Southern Tier Central, Southern Tier East Regional Development and Planning Boards are a few of ION’s “community partners”. All three entities are regional/local arms of The Appalachian Regional Commission (ARC), which is a federal-state partnership that works for sustainable community and economic development in Appalachia. ION’s project will help these agencies implement Best Practices in Child Care, Teacher Training, College Access, Technology Use in Education, Entrepreneurial Education, Vocational Education (K-12), Higher Education, Workforce Training (College and Adult), K-12 Education, and Pre-K Education. Examples of projects in Health Care include “Providing Quality Health Care to the Working Poor” in Alabama; “Training Health Care Providers for Appalachia” in Kentucky; “Improving Health Care through Rural Community Clinics” in Mississippi; and in New York, “Using Technology to Expand Health Care”. More information can be found at www.arc.gov. ION’s project directly supports these interests and efforts in rural New York.

ION has a relationship with the New York State Office for Mental Health (OMH), which serves more than 500,000 individuals each year. OMH has expressed a need for the ION network to support as many OMH locations and partners as possible. OMH has plans to expand many of its Telemedicine practices once the ION network extends to these widespread, rural locations.

ION is also working directly with hospital systems, such as the Bassett Hospital and Healthcare system, affiliated with Columbia University. Bassett and similar healthcare providers depend on high availability broadband to offer critical services to their patients. Hospital and healthcare systems such as these have made great strides in adopting broadband telemedicine throughout their hospital networks, resulting in better patient care. This means families and



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

children receive improved health care and have access to more services no matter where they may live and how rural it may be. ION, through partnerships, has worked with Bassett Hospital on Electronic Medical Records, the PACS radiology system, as well as other telemedicine applications. ION has been supporting Bassett’s efforts to link its 5 hospital and 25 clinic locations with broadband connections that span several counties. These kind of rural broadband offerings go far to reduce medical errors, raise the level of medical services in rural areas, and reduce health care costs.

For residents and small businesses in the rural areas of New York, change cannot come soon enough. Without carriers such as ION providing the “middle mile” infrastructure, hundreds of thousands of New York residents and thousands of small businesses will be left behind, stuck with slow broadband at unaffordable prices or with no broadband services at all.

D. Proposed Funded Service Area

12. Proposed Funded Service Area Maps:

12-A. Service Area Map (Reference Number): **AF65-776C-433F-930D**

12-B. Is the applicant is seeking a waiver for providing less than 100% coverage of a census block. **No**

13. Proposed Funded Service Area (BIP - Last Mile Projects):

Please refer to section M at the end of document.

14. Proposed Funded Service Area (BTOP - Middle Mile Project):

Please refer to section M at the end of document.

15. Non-Funded Service Area(BIP Only):

N/A

16. Coverage Waiver:

Applicant is seeking a waiver for providing less than 100% coverage of a census block.

No

For Response of “Yes” please refer to upload section for additional supporting documentation.

17. Methodology for Area Status:

ION used three primary methods in identifying the needs for underserved New York



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

State communities, which ultimately yielded the appropriate the middle mile routes:

To learn more about the actual need in each area, ION reached out to the local entities with face-to-face meetings and conference calls. These entities include:

- a. Local Economic Development Agencies
- b. Retail/Last mile Service Providers
- c. Governmental, Quasi-governmental, and State Department Agencies

ION is working with Economic Development organizations such as Southern Tier East, Southern Tier Central and Southern Tier West Regional Planning Boards, in conjunction with its partner Chamber of Commerce(s) and Industrial Development Associations. Many of the aforementioned organizations completed studies, surveys, and broadband presentations to accurately understand the broadband infrastructure needs of their designated areas.

Secondly, ION reached out to the last mile service providers such as but not limited PaeTec Communications, Cornerstone Telephone, DFT Communications, Zito Media Communications, Westelcom Communications, the major cellular carriers, and others. ION was readily able to identify underserved middle mile communities, as determined by requests for service by the existing and prospective last mile service provider's customers, who have end locations in these underserved communities.

Finally, working with the Governmental, Quasi-governmental, and State department Agencies, such as NYS Department of Corrections (DOCs) and the NYS Office of Mental Health (OMH), ION learned of the need for Gigabit Ethernet level of services for all the Maximum Security prisons to leverage Distance Psychology, Distance Learning and the opportunity for remote access of medical imaging. On the quasi-governmental front, ION has met and is collaborating with DANC (Development Authority of the North Country) and CBN Connect (Community Broadband Network Connect) on coordinating collective efforts in serving the unserved/underserved Adirondack region, and putting in place a redundant ring topology bringing the necessary route diversity to the North Country.

Please note, the New York State Broadband mapping information and the Federal Census mapping information used in the online mapping tool appear to have discrepancies in terms of



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

the highlighting which areas are un-served, underserved or served. Please note that the Telco based broadband providers are serving areas are based on wire centers, which do not easily line up with census blocks or zip codes. Even with these discrepancies, a comparison of ION's project map to NYS's map would demonstrate that ION's project passes through many of the communities with lower rates of projected end-user broadband service availability. However, we believe the aforementioned three-step approach has effectively identified the areas in the state of New York with the greatest need of middle-mile services.

18. Middle Mile Benefits

ION will offer "middle mile" infrastructure at reduced costs which will create the needed financial situation whereby current and new "last mile" retail service providers can bring communities much needed broadband services. These communities currently are unserved and underserved with broadband. The introduction of this cost effective "middle mile" transport allows all service provider's access to new rural unserved and underserved markets. These new markets not only provide the retail service provider new revenue and job creation opportunities, but also allow better geographic coverage for existing clients with multiple sites statewide with intra-company connectivity for voice, data and video applications.

The ION application encompasses 10 sub-projects, with service in over 70 new communities, covering various geographic regions of the state. While ION intends to provide middle mile transport in these regions and offer service to all "last mile" providers, it is also ION's intention to provide broadband capacity into the community anchors, governmental agencies, hospitals, libraries, public safety buildings and schools in each community.

The ION network will provide and improve broadband service to the highest proportion of rural residents in New York who do not have adequate access to broadband service for unserved and underserved rural areas, which meets the objectives of both the BTOP and BIP programs. To do this, ION will be dropping interconnection points into each rural unserved and underserved area.

For the communities, this means end users not only can benefit from finally having broadband service or adequate service, but it can be offered to the customer at an affordable price. The benefit to the communities is far reaching; the children will be able to enhance their education by being able to research homework and learn online, better accessibility to specialists and improved healthcare will be available through telemedicine to hospitals and healthcare facilities, and higher education institutions will be able to meet the ever increasing demand to

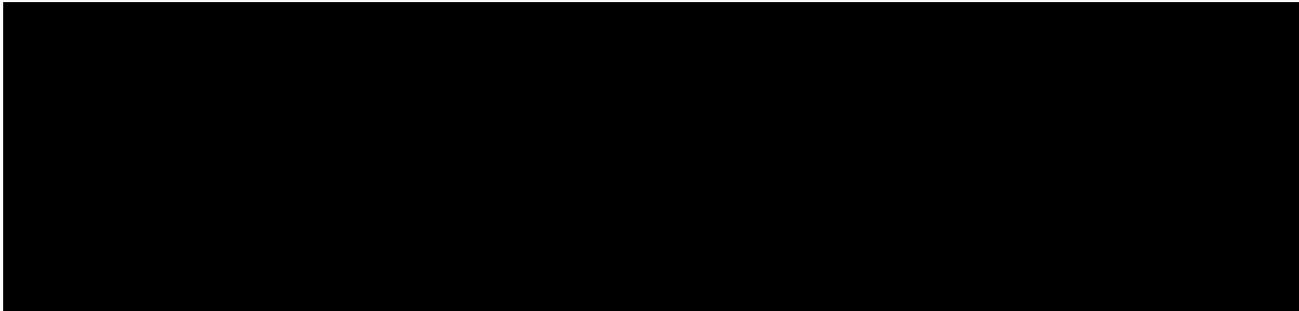


**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

produce the best and the brightest students, with as much technological background as possible.

ION will provide much needed “middle mile” broadband services, which will give access to new service providers, who will bring applications and content to these communities. Companies like PaeTec Communications, who have special software applications for the Educational and Financial market, will be available to many of these rural communities. Cornerstone Telephone has a strong presence in the Medical/Hospital market place, as well as a strong business retail sales arm, which provides retail clients with phone and broadband computer hardware. This coupled with increased connectivity options to Internet, opens up endless content possibilities.



The ION network will interconnect its “middle mile” infrastructure to 100+ medical facilities, libraries, correctional facilities, higher education institutions, training facilities, and county agencies and offices. These interconnection points meet all the statutory objectives depicted in this application.

E. Proposed Service Offering

19. Broadband Service Offerings for Last Mile Project:

Please refer to upload section at the end of the document.



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

20. Service Offerings for Middle Mile Project:

Please refer to upload section at the end of the document.

Competing Service Providers

21. Existing Broadband Service Providers and Services Offered:

Please refer to upload section at the end of the document.

Non-Discrimination, Interconnection

22. Description of Network Openness:

ION's proposed middle mile fiber backbone project will meet and comply with the NOFA non-discrimination and network interconnection policies.

Non-discrimination - ION will meet or exceed the requirements set forth by the FCC's Internet Policy Statement, FCC 05-151, adopted August 5, 2005 regarding non-discrimination and actively encourages broadband deployment and the preservation and promotion of the open and interconnected nature of the public Internet.

Interconnection - ION's predominantly middle mile service offering will be high-capacity, point-to-point private line transport services. ION will not manage or limit the content of communications traffic transiting ION's network, except to the extent necessary to maintain reliable service. ION's network management practices will not involve preferential routing of traffic on the basis of content or provider. As it does now, ION will utilize neutral traffic routing, and will enable connections to other carriers and to the public Internet. ION will display its network management policies in a prominent location on its Web page, and will provide notice to customers of changes to these policies.

ION currently provides points of interconnection at several incumbent LEC Class 5 and Class 4 (tandem) central offices, as well as multiple Tier 1 Internet POP locations. ION's proposed project will increase the number of locations at which ION's network will interconnect to other carriers and services providers.

ION will continue to interconnect with other carriers to exchange traffic at these locations and



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

other network nodes. ION will negotiate with bona fide requesting parties to use facilities constructed to support this project to sell those parties wholesale transport services on negotiated, commercially-reasonable terms and conditions. The only significant limitation on ION's commitment to interconnect is that, at some network nodes, ION will also provide Internet bandwidth to other carriers at negotiated, market-based rates.

ION currently and will continue to offer its middle-mile services to a variety of customers:

- Cable TV Companies
 - Competitive Local Exchange Carriers (CLEC)
 - Internet Service Providers (ISP)
 - Rural Local Exchange Carriers (RLEC)
- Independent Local Exchange Carriers (ILEC)
 - Inter Exchange Carriers (IXC)
 - Wireless/Cellular Companies
 - Power Line Communication Providers
 - Private/Enterprise/Governmental/Educational Entities

ION sells and will sell a variety of middle-mile transport services:

- Carrier/Service Provider Transport
- DS-3: Linear or Protected
 - OC-3/12/48: Linear or Protected
 - Waves: 2.5Gb or 10Gb Linear or Protected (where available)
 - GigE: Linear or Protected (where available)
 - Fast Ethernet: Linear or Protected (where available)
- Dedicated Internet Service
 - Fast Ethernet (RJ45)
 - GigE

ION will also offer and provide collocation and power (where available) to enable further competition in the markets served.

Non-Discrimination and Interconnection (BTOP applicants only for next three questions)



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

23. Non-Discrimination Obligations (applicable to Last Mile and Middle Mile Applicants):

Adhere to the minimum non-discrimination requirements as set forth in the NOFA.
Display the nondiscrimination practices in a prominent location on the service provider's web page, and provide notice to customers of changes to these policies.

24. Interconnection Obligations (applicable to Last Mile Applicants):

--

25. Interconnection Obligations Middle Mile Applicants:

Adhere to the minimum interconnection requirements as set forth in the NOFA.
Display the interconnection policies in a prominent location on the service provider's web page, and provide notice to customers of changes to these policies.
Commit to offering wholesale access to network components and services such as wavelength or fibers at reasonable rates and terms.
Commit to binding private arbitration of disputes concerning interconnection obligations.

Cost Effectiveness and Affordability

26. Cost per Household (BTOP only):

ION Holdco's (ION) project is a BTOP middle mile backbone fiber project, encompassing 1550 route miles of constructed and leased fiber, with 1308 miles being new construction in the



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

rural areas of upstate New York, northeastern Pennsylvania, and western Vermont.

The project will cost approximately \$46 million to complete and will provide affordable, high availability broadband access to an additional 70+ towns and villages in rural upstate New York, northeastern Pennsylvania, and western Vermont. The project also proposes well over 100 direct connections to governmental, educational, and community organizations throughout the state of New York.

ION's intent is to create as many Points of Presence (POP) locations as possible in the rural communities. ION specifically designed its routes to provide access to as many communities and locations as possible, and will continue to examine other possible connection points.

Cost per Household: approx. \$46M divided by 237,364 = \$194 per Household

Cost per Person: approx. \$46M divided by 574,765 = \$80 per Person

Cost per Business: approx. \$46M divided by 39,502 = \$1,164 per Business

Household, Population, and Business data was obtained using the census data on the Fact Finder section of the www.census.gov website. Data from each village or town the proposed ION project has an interconnection point or Point of Presence was used for the purposes of this calculation.

27. Affordability

ION's project will enable provisioning of affordable broadband services in the un- and underserved areas to which the network will reach by making available high-capacity transport services at reasonable prices.

In many of the areas covered in ION's application, there currently is no true middle mile backbone infrastructure in place. The incumbent LEC may not be able to provide DS1 or DS3 point-to-point connections, and these services are usually expensive when available. If a cable company is present in the market, their normal practice is to not sell middle mile services to service providers as that would introduce competition into the marketplace. (For price comparisons, when the ILEC has services available, please see Attachments B and C.) As a



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

result, there is currently no commercially viable option for last mile broadband providers, thus they are unable to offer services to end-users in these communities.

The pricing ION will offer to last mile service providers in these newly constructed areas will be consistent with its network pricing being offered and provided in its current markets. ION currently provides a similar array of broadband services across its 2000+ mile network, and has working relationships and agreements with many of the last mile service providers that will utilize ION's expanded service area to provide coverage to the most rural residents.

For the few areas that may have a middle mile competitor, ION has consistently proven they match or have lower pricing than other providers.

An additional benefit of using the ION network is the scope and scale of the entire network, which provides the last mile service provider and their customers with multiple options, and the ability to get to anywhere in the state, as well as anywhere in the world. ION's current network reaches into rural areas of the state, as well as the more densely populated regions, and with their POP location in New York City, customers can connect to over 190 carriers providing services worldwide.

F. Technology Strategy

28. Technology Type:

Wireline - Fiber-optic Cable

Other:

29. System Design

The key network components that enable connectivity from the end user to the Internet backbone are the same as the components ION uses in its current fiber network of 2000 miles.

This middle mile network design addresses issues associated with large-scale data capacity



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

distributed across a geography that is generally rural with some metropolitan areas and with limited or no middle mile transport facilities available. The cost of infrastructure needed to transport data traffic from rural areas to broadband/Internet access points is disproportionate compared to more densely populated areas. Infrastructure costs can only be reduced to economically feasible levels by building a multi-service network with enough capacity to consolidate all data types into one infrastructure. ION's project follows this strategy by extending an existing statewide telecommunications network which provides equal access to all rural areas served for all types of traffic, adding capacity to service growth in the communications industry, and by responding to demand for additional transport capacity among the population areas in the state. There is sufficient growth capacity in the current ION network and proposed network in this application to enable commercial use, and to support new and as yet unseen requirements for broadband capacity.

The objective of this design is to ensure that a complete middle mile fiber backbone solution is in place to enable development of new last-mile networks, whether wire-line, fiber to the premise, fiber to the curb, or any number of wireless technology solutions. The success of a middle mile network is driven by the number of access points from which the last mile can be deployed, and ION has achieved this with the proposed project. The access strategy supported by this design is to provide for three types of last mile connectivity to the network: Optical Add Drop Multiplexing (OADM) locations where wire-line and fiber deployments can be connected; Synchronous Optical Network (SONET) Add/Drop Multiplexing locations where circuits such as DS-3s, OC-3s, OC-12s, OC-48s, and Gigabit Ethernet services can be connected; and finally use of the current ION network capacity and routing. In this design, BTOP funds will be used to provide the first two types of access, while leveraging ION's current network assets to create an even stronger application. There will be 59 additional OADM and SONET ADM sites deployed as last mile access points (LMAPs). In addition to enabling the last mile, this funding will also support the growth of the broadband services by providing these same LMAPs and an interconnection network with substantial growth capacity.

In addition to enabling connectivity for other last mile networks, the proposed ION middle mile fiber backbone project includes direct connections to over 100 strategic institutions and locations including: Libraries, Community Colleges, State University of New York (SUNY) sites, Department of Corrections (DOC) correctional facilities, county government buildings, the Griffiss Business & Technology Park, Health clinics, and NYS Mental Health locations.



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

Specific advantages for using this particular technology strategy, taking into account service offering capacity, speed, reliability, and cost effectiveness

The general design of the ION middle mile transport system, based on fiber optic DWDM transport and distribution, has potentially unlimited capacity and speed using modular chassis to support future growth. It also has the proven reliability, simplicity and cost effectiveness of Ethernet, which ION currently has deployed. This middle mile solution embraces the concept of a single infrastructure, supporting multiple access architectures to ensure that the infrastructure cost is not repeatedly spent as new access architectures and technologies are deployed.

In addition, the two layer network will enables connectivity among LMAP's, and from LMAP's to Internet and Internet 2 Network Access Points. The fiber topology is arranged in 10 primary routes that create rings covering a majority of the rural areas of New York, and parts of Pennsylvania and Vermont. This ring topology will be lit (activated) using DWDM technology capable of transporting data at rates up to 100 Gigabits per second\ . On this optical platform, SONET ADM's will be deployed using BTOP funds to enable interconnection of traffic among all of the OADM sites, as well as for connection to the Internet and Internet2 Network Access Points (NAP or IX). The SONET ADM will be deployed at OADM sites to enable Point-to-Point Ethernet and traditional Communication (i.e. DS-3, OC-3, etc.) connections at capacities from 1.5 Mbps to 10 Gbps. The OADM and SONET ADM sites will enable traffic consolidation and connectivity to the Internet IX points, National Lambda Rail and Internet2 via the existing ION network.

The fiber network topology for this application consists of a combination of new, existing and leased fiber, with BTOP funds being used for all of the projects within this application. The existing fiber ION network is configured in four (4) rings to enable redundant connections among all endpoints, and to be able to bring highly redundant service to all areas within the state, not just the urban areas. Throughout the state of New York, BTOP funds will be used to construct additional routes, which will provide additional access and redundancy for the existing ION network as well as create new access for areas currently in need. Along these fiber routes, BTOP funds will be used to construct LMAPs where service connection points are most probable, based on population and community need. LMAPs will consist of OADM optical and SONET ADM equipment located in co-location sites. Each co-location site will be



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

equipped with sufficient line power, a generator for back-up power, and battery-based UPS for generator transfer protection.

Paths to upgrade the system and add additional capabilities in the future
Because DWDM technology is used as the transport, newly developed technology such as small form plug-ins or XFPs that now support up to 40 and 100 Gbps transmission will enable modular, stepwise growth., Equipment that supports progressively higher transmission speeds will become available in commercially reasonable quantities and prices as various vendors roll-out their respective product lines. The substantial wave count of DWDM equipment ION will deploy initially ensures that the network can enhance service to current customers, support additional customers in areas to which the project will extend service, and support organic traffic growth. Simple insertion of wave transponders at capacity-depleted locations can create new bandwidth at a minimal cost and in a short period of time.

ION fully understands the necessity of being able to easily upgrade at an affordable price and in a short time. As it did with its current network, ION has selected Dense Wave Division Multiplexing (DWDM) technology for the optical transport due to the controlled growth cost available with modular DWDM technology. Each of the 40 wavelengths available can be used to carry any of a broad range of data transport formats at bit rates from 1 Gbps up to 10 Gbps. This range of bit rates ensures that any technology deployed across the network can be supported. The DWDM optical network will have 47 optical regeneration sites initially. ION selected the DWDM system due to its broad range of OADM capabilities and competitive price structure. (The budget for the project is based on firm pricing quotes for this technology).

The DWDM system will be deployed at LMAP sites to enable up to forty 10 Gbps waves but will be initially populated with one 2.5 Gbps wave. The 2.5 Gbps wave will supply a Synchronous Optical Network (SONET) node with an OC-48. SONET technology is being used on the DWDM transport to increase the available data transport formats to bit rates from 1.5 Mbps up to 10 Gbps. Project funds will be used to purchase and install the power supplies, chassis, and wave filters for the first lightwave. This lightwave and future, additional lightwaves will be made available for Middle Mile and Last Mile traffic distribution among all of the LMAPs.

To summarize, the project consists of the following physical elements, with quantities listed,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

and BTOP funding specified:

Component	Qty	BTOP
New Fiber Route Miles	1308	Yes
Fiber Routes Miles (via Lease)	245	No
Optical Add Drop Multiplexers	59	Yes
Optical Regeneration Equipment	47	Yes
SONET Add/Drop Multiplexing	59	Yes
Co-Location Sites (monthly recurring)	59	No

30. Network Diagram:

Please refer to upload section at the end of document.

31. Certification by Professional Engineer:

Please refer to upload section at the end of document.

32. Buy American Waiver Request:

Is the applicant seeking an individual waiver of the Buy American provision? **No**

Buy American Waiver Request – Legal Justification

33. Choice of Service Provider:

Does the project’s Infrastructure and the Company’s business plan allow more than one provider to serve end users in the proposed funded service area?

Yes

G. Project Milestones and Completion Factors

Timeline & Milestones



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

34. Infrastructure Build-out Timeline:

Please refer to upload section at the end of the document.

35. Licenses, Regulatory Approvals and Agreements:

ION Holdco, LLC (ION) has previously constructed over three hundred and fifty (350) miles of fiber-optic cables in the State of New York and parts of northern Pennsylvania. ION is successfully operating a 2000+ mile statewide fiber broadband network at this time.

ION has obtained the necessary licenses, regulatory approvals and agreements in order to construct and operate its current network, and has prior experience securing all pertinent permits and licenses.

The approvals and agreements necessary for ION's project include:

Town/County Permits: local permits necessary for construction of fiber cable

- Upon award of the grant application, ION will file all of the necessary construction permits, which are listed in the Timeline section of this application. ION has experience applying for similar permits, and foresees no issues that will preclude their issuance or delay the project.

New York State Regulatory: Certificate of Public Necessity and Convenience (CPCN), Tariff Filings, and NYS ORPS Filings

- These are complete and on file with the appropriate organizations.

Federal Regulatory Approvals: 214 International Tariff Filings

- These are complete and on file with the appropriate organizations.

NYS Department of Transportation (Highway Work Permit–PERM 32/PERM 42)

- ION has prior permitting experience with the NYSDOT and will file any necessary permits during the project on an as needed basis.



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Environmental/Land Use Permits: SEQR and similar permits

- These permits are not necessary for normal cable construction on existing pole lines and within Rights Of Way, but are required on an as needed basis, usually for new pole line construction. ION has experience applying for similar permits, and foresees no issues that will preclude their issuance or delay the project. All environmentally sensitive areas will be identified in the detailed design phase of the project, and construction will avoid such areas to the extent possible.

Pole Attachment/Rights of Way Agreements

- ION currently has licenses with many of the pole owners and rights of way providers involved with this project, and foresees no issues that would delay or preclude receipt of any additional pole attachment agreements or rights of way needed for this project. Most new facilities will be located within existing rights of way, and as indicated in the detailed project timeline, ION will seek necessary rights of way as soon as cable routes are finalized.

36. Construction and Vendor Contracts

ION HoldCo LLC (ION) intends to use contractors for outside plant and fiber construction purposes. In the past, ION has used Syracuse Utilities, Henkels & McCoy, and other 3rd party construction firms, and intends to use the same contractors for this project. Once verified the funding is in place, ION will finalize bid pricing and award the project based on price and ability to complete the projects in the specified time frame depicted in the NOFA for the stimulus funds. ION has letters of support, included in this application, from Syracuse Utilities, Oneida County Rural Telephone Construction, and many of its rural Telco owners, who also supply construction services on a contractual basis.

ION will construct the proposed broadband fiber network to rural communities in the most cost efficient and strategic way possible, as it does currently. ION will leverage its existing Rights of Way (ROW) in an effort to reduce expenses, and to expedite the new fiber construction. Additionally, ION will leverage its current pole attachment and conduit access agreements with the numerous Utility Companies, such as:

- 1) National Grid f/n/a Niagara Mohawk
- 2) NYSEG (NYS Electric & Gas)



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

- 3) Rochester Gas and Electric
- 4) Verizon
- 5) Frontier Communications
- 6) Citizens Communications
- 7) Pennelec
- 8) Commonwealth Communications

ION HoldCo has existing working vendor contracts and partnerships to maintain, deploy and construct broadband networks with:

- 1) Middleburgh Telephone Co
- 2) Newport Telephone Co
- 3) Empire Telephone Co
- 4) North Penn Telephone Co
- 5) Armstrong Telephone Co
- 6) Dunkirk & Fredonia Telephone Co
- 7) Chazy & Westport Telephone Co
- 8) Delhi Telephone Co
- 9) Crown Point Telephone Co
- 10) State Telephone Co
- 11) Germantown Telephone Co
- 12) Hancock Telephone Co
- 13) Syracuse Utilities
- 14) Henkels & McCoy
- 15) Michels Corporation
- 16) Graybar Communications
- 17) Fiber Instrument Sales
- 18) Verizon Communications
- 19) Qwest Communications
- 20) FiberTech Networks
- 21) Intellifiber
- 22) PrimeLink
- 23) Adesta/NYS Thruway Association
- 24) Norfolk & Southern Railroad – Wireline Crossing
- 25) New York, Susquehanna and Western Railway – Wireline Crossing



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

- 26) Cisco Systems (Current Data and Optical Mux Manufacturer)
- 27) Adva Optical Networking (Current DWDM Equipment Manufacturer)
- 28) BTI (Current CWDM Equipment Manufacturer)

For installation of racks, cabinets, wiring, power equipment, and other central office type equipment, ION uses outside professional engineering/construction companies such as Martin Group Engineering and ANS Services. We have project estimates for time and expense from the Martin Group, and upon verified funding will finalize pricing and award this project based on cost and merit.

Qualification of Management Team and Organizational Readiness

37. Management Team Resumes:

Please refer to upload section at the end of the document.

38. Organizational Readiness:

ION is well prepared to implement, manage, and operate the proposed fiber broadband network it will build with the award of this grant. ION currently manages and operates more than 2000 miles of a fiber optic backbone network throughout the rural and urban areas of the state. In doing so it has proven its knowledge and understanding of the needs of rural New York, as well as proving its expertise of managing such a network and making it sustainable in such a diverse geographic and economic climate. ION is well versed in how to scale the operation to handle the increased network demands. This is the core nature of the ION business model, and the team is well positioned and capable of handling the growth. ION has an experienced and well seasoned management team, as described in question #37, and has had the same employees handling provisioning, billing, network management, sales, and operations since 2006. These systems and processes are in place now, can easily scale, and will continue to improve through natural evolution and use by ION's talented team of individuals. ION management encourages self-empowerment, and the employees operate as a team in all facets of the business. ION provides 24x7 technical assistance to its current customers, and will certainly provide that to the new network customers as well. ION is well known for their great customer service and network uptime, their two primary goals, which have created a successful replicable business model to date.



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Other

39. Organizational Chart:

Please refer to upload section at the end of document.

40. Legal Opinion:

Please refer to upload section at the end of document

41. Government and other Key Partnerships:

To ensure that the network is utilized to its maximum potential, ION is working closely with governmental agencies and community partners, with whom ION already has ongoing relationships. With these relationships in place, ION's project is suited to meet the needs of community anchor institutions, critical community facilities and the vulnerable populations that rely upon them.

Projects identified as Projects 6a-b-c, 8a-b-c, and 10a will be built in collaboration with the Development Authority of the North County (DANC). DANC is a public benefit corporation that serves the common interests of Jefferson, Lewis, and St. Lawrence Counties by providing assistance and infrastructure to enhance the economic vitality of their region and promote the health and well being of its communities. (See: www.danc.org). The DANC network components will develop immediate broadband connections to many of their area hospitals, libraries, public safety entities and government facilities. DANC, as part of its commitment to the project and region has committed to fund its pro-rata share of the costs for these projects.

In the same manner as the DANC model and for similar immediate benefits to each community, ION is also working closely with local not-for-profits, governmental agencies, colleges, and regional development organizations throughout New York State. The documents provided with this application demonstrate a wide range of statewide support for the project, including a list of organizations that ION considers to be its major community partners. These partners will help to market the infrastructure to make sure that it lives up to all its potential. While these entities have no financial investment into the ION network, each of them has a mission that supports economic growth and community infrastructure needs, including and



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

especially broadband services.

42. Recovery Act and Other Governmental Collaboration.

ION is partnering with the Development of the North Country, (D.A.N.C), a quasi-governmental development agency, to build fiber infrastructure in the North County of New York State. DANC will contribute funds toward specific projects within the ION application to build new network routes within the vast territory they cover. ION and D.A.N.C are making it a priority to pick up as many community anchors, public and private entities, hospitals, development agencies, and education facilities as feasible. Sub-projects 6a-c, 8a-c, and 10a are lateral builds designed in collaboration with and partially funded by D.A.N.C, to help ensure ION's network passes as many of these organizations and institutions as possible.

Throughout the network fiber route, ION will be collaborating with agencies that are currently seeking outside funding for their rural areas. These agencies are seeking money that may include funding for training, education, end user equipment, and “last mile” services. ION calls these agencies “community partners”, while they have no investment or financial obligation, ION considers them very strong partners in community development partnership. These entities are seeking funding from agencies such as: Appalachian Regional Commission (ARC), New York State Economic Development Agency, New York State Governor’s Office for Small Cities, Department of Housing and Urban Development, as well many state and federal grants. These sought after monies (see examples below) will be used to augment the needs of community anchors, businesses, public safety entities, hospitals and healthcare institutions, business and technology parks, and local colleges. ION will continue to work with local and regional development agencies to support revitalization efforts in the small, rural downtown areas, for business investment and economic development.

It is our understanding the local Development Agencies working with ION on this effort and application will seek additional funding, ongoing from all State and Federal agencies that can support their territorial development efforts. Their intention is to leverage these potential grant monies for additional grant monies and additional private investment. While this may reduce and offset capital costs for many telecommunications companies, there has been some discussion although as yet no firm commitment by these entities to invest private capital into building “last mile” infrastructure to these rural, unserved, and underserved areas.

ION in conjunction with its owner companies will continue to invest in their local and regional



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

areas to stimulate economical development and revitalization. These grants will range in value and specifics, but all grants and funding will be used to support economic growth in the 70 + rural towns that this application encompasses. Examples of the grants that owner companies have received in their local communities are: Small Cities Community Development Block Grant, New York Main Street through Department of Housing and Urban Development, Department of Transportation, Department of Parks and Recreation, and Small Cities Economic Development grant. In one community alone these equaled more than \$1,500,000.

It is also important to note, ION will use this model and share the pertinent information to replicate these efforts in additional rural communities throughout the state. With this new investment into these rural areas through this project, member communities will be seeking to support the revitalization efforts that this “middle mile” network will be a catalyst for.

Community Involvement (BTOP Applicants Only)

43. Partnering with Disadvantaged Businesses

While ION does not have these partnerships at the time of writing, we are open to such partnerships ongoing. We hope to flush out such businesses and the services that they offer in these rural regions and communities as we immerse ourselves into this project and these areas.

H. Project Budget

44. General Overall Budget



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Budget	Loan Request	Grant Request	Equity	Debt	Bond	Other
Network & Access Equipment (switching, routing, transport, access)		5,077,712	94,377	1,145,191		29,860
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)		28,947,625	883,564	6,054,859		298,484
Buildings and Land – (new construction, improvements, renovations, lease)		1,596,401		387,950		11,150
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)						
Billing and Operational Support Systems (IT systems, software, etc.)						
Operating Equipment						



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

(vehicles, office equipment, other)						
Engineering/ Professional Services (engineering design, project management, consulting, etc.)		3,162,876	86,832	673,743		30,144
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)						
Site Preparation						
Other		940,000				235,000
TOTAL BROADBAND SYSTEM		39,724,614	1,064,773	8,261,743		604,638



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

Total Budget: \$ 49,655,768

45. Detailed Budget:

Please refer to upload section at the end of the document.

Sustainability

46. Reasonableness

Due to its experience and current network operating status, ION is uniquely positioned to execute on the network construction, operation and marketing of this additional network proposed. This design and operational experience will help minimize the number of units needed to be purchased, and keep the overall cost of the project as reasonable as possible. This will help ensure a long term, sustainable project.

With a middle mile project, such as the ION project is, it is important to create as many interconnection points in the rural, un-served, and underserved locations as possible. By doing so, the availability of the high capacity fiber backbone is enhanced. As described in the Network Design section of this application, ION is using two technologies to provide the service, Dense Wave Division Multiplexing (DWDM) and Synchronous Optical Network (SONET). This is the same design ION currently has deployed and that has been operationally tested across many networks. The design uses the DWDM equipment to provide up to 40 light waves across a pair of fiber strands, while the SONET equipment provides for the provision of circuits and services (DS-3, OC-3, 100Mbps, GigE, 2.5Gb, etc.). This has proven to be cost effective as the DWDM equipment does not need to be in every location. The SONET equipment does need to be in every location, as it is responsible to provide the circuits for the carriers and last mile service providers.

With the help of Martin Group Engineering (www.martin-group.com), a well-respected telecommunications engineering firm based in Mitchell, SD, ION has designed a network capable of providing the necessary services in these rural areas for a reasonable cost. The new network consists of fiber construction, aerial and buried, as well as leased fiber cable where available. The leased fiber will save construction expense and shorten the time to implement the new service offerings. The network, designed using proven telecommunications equipment will be ready to provide service upon turn up, and has the ability to easily scale to the needs of these



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

rural communities.

The price per unit used in the proposal is at ION's reduced equipment vendor rate, which is based on previous quantities purchased as well as the new proposed quantities purchased. If awarded the proposed grant amount, ION would work with its vendors to get a further reduction to the purchase price. As mentioned above, ION is using industry leading equipment manufacturers, Cisco Systems and ADVA being the primary suppliers, and their wide deployment of equipment has a proven track record from an operating and support standpoint. At the current cost per unit, ION has proven it can sustain a business and use the equipment platform to further grow the network and customer's served.

47. Historical Financial Statements:

Please refer to upload section at the end of the document.

48. Broadband Subscriber Estimates:

Please refer to upload section at the end of the document.

49. Other Services:

Please refer to upload section at the end of the document.

50. Pro Forma 5-Year Financial Forecast and Assumptions:

Please refer to upload section at the end of the document.

51. Commitment of Capital Funding Support

- Name of Party : ATN (Atlantic Tele-Network) and DANC (Development Authority of the North Country
- Funding Amount [and % of project cost] : \$9,931,154 (20%)
- Type of Funding (e.g., grant match, equity, debt, internal, other) : Internal and Internal loan
- Key Financing Terms and Conditions ; Intracompany loan at prevailing market rate
- Use of Funding (infrastructure, working capital, operating losses, other) : Infrastructure, working capital, project management

BTOP Requirements



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

52. Matching Funds:

- a. Cash: \$ 9,931,154.00
- b. In-Kind: \$.00
- c. Percent of Total Project Cost: 20

53. Demonstration of Financial Need:

The ION middle mile rural fiber backbone project would not have been implemented “but for” federal grant assistance due to;

- Heavy debt load - creates financial risk for the company overall
 - Project loses money consistently for five years – poor business case
 - Bank funding for this project would be unlikely

As is clearly demonstrated in the financial attachments of this application, the project is viable and sustainable with the federal grant assistance. Net Income goes from negative amounts in Year 1 and Year 2, which are expected due to network construction and turn-up, to positive amounts of \$986K in Year 3, \$2.06M in Year 4, and \$2.71M in Year 5. The project has a positive cash balance for the 5 year period, and is financially stable going forward.

This is in comparison to the 5 years of negative Net Income amounts, with no federal grant assistance, shown in the “\$0 Funding/Grant Assistance” financial information (provided in the Supplemental Information section). As you will see in the aforementioned spreadsheet, without federal grant assistance, the annual Net Income amounts are extremely negative at (\$1.2M) in Year 1, (\$4.4M) in Year 2, (\$3.9M) in Year 3, (\$2.6M) in Year 4, and (\$1.8M) in Year 5.

ION believes the business case comparison outlined above is a clear demonstration of financial need, as ION would not be able to implement this worthwhile project but for the federal grant assistance.

54. Unjust Enrichment

No unjust enrichment



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

55. Disclosure of Federal and/or State Funding Sources

None for ION HoldCo. LLC., or the Development Authority of the North Country.

I. Self Scoring – BIP Only Self Scoring

56. Self Scoring Sheet



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Criteria	Method	Points	Self Scores
<u>PROJECT PURPOSE</u>			
Proportion of Rural Residents Served in Unserved Areas	1 point for every 10,000 unserved households	Up to 5	5
Rural Area Targeting	1 point for every 5% increase in the rural service area up the minimum 75% rural area requirement	Up to 5	5
Remote Area targeting	1 point for every 50 miles a service area is located from a non-rural area	Up to 5	5
Title II Borrower	If you are or were a Title II borrower	5	5
Recovery Act and other governmental collaboration	1 point will be awarded for each governmental or Recovery program the applicant is partnering with	Up to 5	5
<u>PROJECT BENEFITS</u>			
Performance of the offered services	If a last mile wireline project delivers 20M to household – if a last mile wireless projects delivers 2M to end-user – if a middle mile projects delivers 100M to end points	10	10
Affordable of services offered	Points awarded based on the proposed rate structure and the logistics of the proposed service area	Up to 5	5



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Choice of service provider	If the proposed infrastructure is available to be used by multiple service providers	5	5
Critical Community Facilities	If discounted rate packages at least 25% lower than advertise rates are available to critical facilities	5	5
<u>PROJECT VIABILITY</u>			
Applicant's organizational capability	Points will be awarded on the strengths and accomplishments of key management	Up to 12	12
Community Support	If a letter of support has been received from a designated representative of the community for every community in the proposed service territory	2	2
Ability to promptly start project	If the applicant can demonstrate that all licenses and regulatory approvals have been received, contractors and vendors are ready to enter into contracts, and equity has been deposited into applicant accounts	10	10
Socially and economically disadvantaged small businesses (SDB), as defined by section 8(a) of the Small Business Act, 15 U.S.C. §637.	If the applicant is a Section 8(a) entity	1	0
<u>PROJECT BUDGET AND SUSTAINABILITY</u>			
Reasonableness of the budget	Points will be awarded based the	Up to 5	5



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

	adequacy of the proposed budget		
Leverage of outside resources (outside funding/financing requested)	(i) 10 points if this ratio is greater than 100% (ii) 7 points if this ratio is between 100% and 75% (iii) 5 points if this ratio is between 75% and 50% (iv) 3 points if this ratio is between 50% and 25% (v) 1 points if this ratio is lower than 25%	10	1
Extent of grant funding (Grant funds/loan funds)	(i) 0 points if this ratio equals 100% (ii) 1 points if this ratio is between 100% and 75% (iii) 3 points if this ratio is between 75% and 50% (iv) 5 points if this ratio is lower than 50% (v) 10 points if no grant funds are requested	10	1
Total Points		100	81



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

J. BTOP Certification Requirements

Certification (Requested for BTOP)

Please refer to upload section at the end of the document regarding following uploads.

1. U.S. Department of Commerce, Broadband Technology Opportunities Program
2. SF-424D Assurances—Construction Programs (Schedule N)
3. CD-511, Certification Regarding Lobbying (Attachment O)
4. SF-LLL, Disclosure of Lobbying Activities (Attachment P)
5. CD-512, Certification Regarding Lobbying—Lower-Tier Covered Transactions (Attachment Q) This certification will not be required until the time of the grant award, because it applies to subcontractors, etc.

K. BIP Certification Requirements

Certification (Requested for BIP)

Please refer to upload section at the end of the document regarding following uploads.

1. Equal Opportunity and Nondiscrimination Certification
2. Certification Regarding Architectural Barriers
3. Uniform Relocation Assistance and Real Property Acquisition - Policies Act of 1970 Certification
4. Certification Regarding Debarment, Suspension, and Other Responsibility Matters – Primary Covered Transactions
5. Certification Regarding Lobbying for Contracts, Grants, Loans, and Cooperative Agreements



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

6. Network Design and Implementation Plan Certification (to be complete for projects requesting more than \$1 million in federal assistance)

L. Schedules

Schedule: A-1 Congressional Districts

1. State the Congressional District of the Applicant's headquarters

New York - 21

2. State the Congressional District for each area covered by the Project.

New York - 17

New York - 18

New York - 19

New York - 20

New York - 21

New York - 22

New York - 23

New York - 24

New York - 25

New York - 26

New York - 27

New York - 28

New York - 29



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

M. Proposed Funded Service Area Details (BIP & BTOP)

13. Proposed Funded Service Area (BIP - Last Mile Projects):

Proposed Funded Service Area Name:
Census Blocks in Proposed Funded Service Area:
Community Name:
Rural Classification of the Community:
BIP - Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
--

BTOP – Service Status:

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.

Total Square Miles of Community:
Total Population :
Total Number of Households:
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

14. Proposed Service Area (BTOP - Middle Mile Project):

Middle Mile Span Name: Southern Tier West Fiber Backbone - Whitesville to Jamestown
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 3000, 3001, 3002, 3003, 3004, 3005, 3006,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

4025, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 5031, 5032, 5033, 5034, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 4028, 4029, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 2036, 4000, 4015, 1025, 1026, 1042, 1044, 1045, 1046, 1047, 1048, 1050, 1055, 1076, 1077, 1999, 2000, 2005, 2036, 3012, 3013, 3014, 3015, 1014, 1015, 1016, 3023, 3030, 3031, 3032, 3042, 3045, 4000, 4001, 4008, 4009, 4034, 4035, 4052, 4053, 1007, 1008, 1026, 1027, 1046, 1047, 1048, 3001, 3004, 3005, 3012, 1032, 2014, 2020, 2028, 2029, 2038, 2040, 2083, 2084, 2085, 2091, 2100, 2102, 2103, 2104, 2105, 2109, 2111, 2112, 2113, 2114, 2116, 2117, 2118, 2119, 2121, 2122, 2181, 1026, 1153, 1157, 1011, 1016, 2017, 2024, 2025, 2032, 2033, 2034, 2037, 4013, 4018, 4023, 4024, 4026, 4027, 4034, 4999, 2019, 2020, 3002, 3003, 3005, 3006, 3008, 3010, 3017, 3018, 3023, 4000, 3001, 4003, 4004, 5004, 5005, 5012, 1060, 1062, 1075, 3020, 4016, 4034, 4036, 4061, 4062, 4075, 4080, 4081, 2022, 4003, 4008, 4009, 4010, 4026, 4030, 4999, 1030, 1035, 1040, 1044, 1069, 1111, 5021, 5023, 5024, 5026, 5028, 5030, 5031, 5032, 5033, 5035, 7009, 8042, 8046, 8072, 8073, 8077, 8078, 8080, 8088, 8089

Last Mile Service Area Name: Whitesville
Community Name: Whitesville
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

- Total Square Miles of Service Area: 3**
- Total Population : 880**
- Total Number of Households: 367**
- Total Number of Businesses: 30**
- Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 3**

Middle Mile Span Name: Southern Tier West Fiber Backbone - Whitesville to Jamestown
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 5031, 5032, 5033, 5034, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 2036, 4000, 4015, 1025, 1026, 1042, 1044, 1045, 1046, 1047, 1048, 1050, 1055, 1076, 1077, 1999, 2000, 2005, 2036, 3012, 3013, 3014, 3015, 1014, 1015, 1016, 3023, 3030, 3031, 3032, 3042, 3045, 4000, 4001, 4008, 4009, 4034, 4035, 4052, 4053, 1007, 1008, 1026, 1027, 1046, 1047, 1048, 3001, 3004, 3005, 3012, 1032, 2014, 2020, 2028, 2029, 2038, 2040, 2083, 2084, 2085, 2091, 2100, 2102, 2103, 2104, 2105, 2109, 2111, 2112, 2113, 2114, 2116, 2117, 2118, 2119, 2121, 2122, 2181, 1026, 1153, 1157, 1011, 1016, 2017, 2024, 2025, 2032, 2033, 2034, 2037, 4013, 4018, 4023, 4024, 4026, 4027, 4034, 4999, 2019, 2020, 3002, 3003, 3005, 3006, 3008, 3010, 3017, 3018, 3023, 4000, 3001, 4003, 4004, 5004, 5005, 5012, 1060, 1062, 1075, 3020, 4016, 4034, 4036, 4061, 4062, 4075, 4080, 4081, 2022, 4003, 4008, 4009, 4010, 4026, 4030, 4999, 1030, 1035, 1040, 1044, 1069, 1111, 5021, 5023, 5024, 5026, 5028, 5030, 5031, 5032, 5033, 5035, 7009, 8042, 8046, 8072, 8073, 8077, 8078, 8080, 8088, 8089

Last Mile Service Area Name: Wellsville
Community Name: Wellsville
Rural Classification of the Community: Rural
BIP – Service Status: Underserved



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 3
Total Population : 5,171
Total Number of Households: 2,162
Total Number of Businesses: 506
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 7

Middle Mile Span Name: Southern Tier West Fiber Backbone - Whitesville to Jamestown
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 5031, 5032, 5033, 5034, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 4028, 4029, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 2036, 4000, 4015, 1025, 1026, 1042, 1044, 1045, 1046, 1047, 1048, 1050, 1055, 1076, 1077, 1999, 2000, 2005, 2036, 3012, 3013, 3014, 3015, 1014, 1015, 1016, 3023, 3030, 3031, 3032, 3042, 3045, 4000, 4001, 4008, 4009, 4034, 4035, 4052, 4053, 1007, 1008, 1026, 1027, 1046, 1047, 1048, 3001, 3004, 3005, 3012, 1032, 2014, 2020, 2028, 2029, 2038, 2040, 2083, 2084, 2085, 2091, 2100, 2102, 2103, 2104, 2105, 2109, 2111, 2112, 2113, 2114, 2116, 2117, 2118, 2119, 2121, 2122, 2181, 1026, 1153, 1157, 1011, 1016, 2017, 2024, 2025, 2032, 2033, 2034, 2037, 4013, 4018, 4023, 4024, 4026, 4027, 4034, 4999, 2019, 2020, 3002, 3003, 3005, 3006, 3008, 3010, 3017, 3018, 3023, 4000, 3001, 4003, 4004, 5004, 5005, 5012, 1060, 1062, 1075, 3020, 4016, 4034, 4036, 4061, 4062, 4075, 4080, 4081, 2022, 4003, 4008, 4009, 4010, 4026, 4030, 4999, 1030, 1035, 1040, 1044, 1069, 1111, 5021, 5023, 5024, 5026, 5028, 5030, 5031, 5032, 5033, 5035, 7009, 8042, 8046, 8072, 8073, 8077, 8078, 8080, 8088, 8089

Last Mile Service Area Name: Cuba
Community Name: Cuba
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 1
Total Population : 1,633
Total Number of Households: 636
Total Number of Businesses: 189



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 2

Middle Mile Span Name: Southern Tier West Fiber Backbone - Whitesville to Jamestown
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 3000, 3001, 3002, 3003, 3004,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 5031, 5032, 5033, 5034, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 4028, 4029, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 2036, 4000, 4015, 1025, 1026, 1042, 1044, 1045, 1046, 1047, 1048, 1050, 1055, 1076, 1077, 1999, 2000, 2005, 2036, 3012, 3013, 3014, 3015, 1014, 1015, 1016, 3023, 3030, 3031, 3032, 3042, 3045, 4000, 4001, 4008, 4009, 4034, 4035, 4052, 4053, 1007, 1008, 1026, 1027, 1046, 1047, 1048, 3001, 3004, 3005, 3012, 1032, 2014, 2020, 2028, 2029, 2038, 2040, 2083, 2084, 2085, 2091, 2100, 2102, 2103, 2104, 2105, 2109, 2111, 2112, 2113, 2114, 2116, 2117, 2118, 2119, 2121, 2122, 2181, 1026, 1153, 1157, 1011, 1016, 2017, 2024, 2025, 2032, 2033, 2034, 2037, 4013, 4018, 4023, 4024, 4026, 4027, 4034, 4999, 2019, 2020, 3002, 3003, 3005, 3006, 3008, 3010, 3017, 3018, 3023, 4000, 3001, 4003, 4004, 5004, 5005, 5012, 1060, 1062, 1075, 3020, 4016, 4034, 4036, 4061, 4062, 4075, 4080, 4081, 2022, 4003, 4008, 4009, 4010, 4026, 4030, 4999, 1030, 1035, 1040, 1044, 1069, 1111, 5021, 5023, 5024, 5026, 5028, 5030, 5031, 5032, 5033, 5035, 7009, 8042, 8046, 8072, 8073, 8077, 8078, 8080, 8088, 8089

Last Mile Service Area Name: Olean
Community Name: Olean
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 6
Total Population : 15,347
Total Number of Households: 6,446
Total Number of Businesses: 995
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 11

Middle Mile Span Name: Southern Tier West Fiber Backbone - Whitesville to Jamestown
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 5031, 5032, 5033, 5034, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 4028, 4029, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 2036, 4000, 4015, 1025, 1026, 1042, 1044, 1045, 1046, 1047, 1048, 1050, 1055, 1076, 1077, 1999, 2000, 2005, 2036, 3012, 3013, 3014, 3015, 1014, 1015, 1016, 3023, 3030, 3031, 3032, 3042, 3045, 4000, 4001, 4008, 4009, 4034, 4035, 4052, 4053, 1007, 1008, 1026, 1027, 1046, 1047, 1048, 3001, 3004, 3005, 3012, 1032, 2014, 2020, 2028, 2029, 2038, 2040, 2083, 2084, 2085, 2091, 2100, 2102, 2103, 2104, 2105, 2109, 2111, 2112, 2113, 2114, 2116, 2117, 2118, 2119, 2121, 2122, 2181, 1026, 1153, 1157, 1011, 1016, 2017, 2024, 2025, 2032, 2033, 2034, 2037, 4013, 4018, 4023, 4024, 4026, 4027, 4034, 4999, 2019, 2020, 3002,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

3003, 3005, 3006, 3008, 3010, 3017, 3018, 3023, 4000, 3001, 4003, 4004, 5004, 5005, 5012, 1060, 1062, 1075, 3020, 4016, 4034, 4036, 4061, 4062, 4075, 4080, 4081, 2022, 4003, 4008, 4009, 4010, 4026, 4030, 4999, 1030, 1035, 1040, 1044, 1069, 1111, 5021, 5023, 5024, 5026, 5028, 5030, 5031, 5032, 5033, 5035, 7009, 8042, 8046, 8072, 8073, 8077, 8078, 8080, 8088, 8089

Last Mile Service Area Name: Salamanca
Community Name: Salamanca
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 3
Total Population : 6,097
Total Number of Households: 2,469
Total Number of Businesses: 365
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 2

Middle Mile Span Name: Southern Tier West Fiber Backbone - Whitesville to Jamestown
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 3000, 3001, 3002, 3003, 3004, 3005, 3006,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

4025, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 5031, 5032, 5033, 5034, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 4028, 4029, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 2036, 4000, 4015, 1025, 1026, 1042, 1044, 1045, 1046, 1047, 1048, 1050, 1055, 1076, 1077, 1999, 2000, 2005, 2036, 3012, 3013, 3014, 3015, 1014, 1015, 1016, 3023, 3030, 3031, 3032, 3042, 3045, 4000, 4001, 4008, 4009, 4034, 4035, 4052, 4053, 1007, 1008, 1026, 1027, 1046, 1047, 1048, 3001, 3004, 3005, 3012, 1032, 2014, 2020, 2028, 2029, 2038, 2040, 2083, 2084, 2085, 2091, 2100, 2102, 2103, 2104, 2105, 2109, 2111, 2112, 2113, 2114, 2116, 2117, 2118, 2119, 2121, 2122, 2181, 1026, 1153, 1157, 1011, 1016, 2017, 2024, 2025, 2032, 2033, 2034, 2037, 4013, 4018, 4023, 4024, 4026, 4027, 4034, 4999, 2019, 2020, 3002, 3003, 3005, 3006, 3008, 3010, 3017, 3018, 3023, 4000, 3001, 4003, 4004, 5004, 5005, 5012, 1060, 1062, 1075, 3020, 4016, 4034, 4036, 4061, 4062, 4075, 4080, 4081, 2022, 4003, 4008, 4009, 4010, 4026, 4030, 4999, 1030, 1035, 1040, 1044, 1069, 1111, 5021, 5023, 5024, 5026, 5028, 5030, 5031, 5032, 5033, 5035, 7009, 8042, 8046, 8072, 8073, 8077, 8078, 8080, 8088, 8089

Last Mile Service Area Name: Randolph
Community Name: Randolph
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 3
Total Population : 1,316
Total Number of Households: 550
Total Number of Businesses: 149
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 2

Middle Mile Span Name: Western NY Redundant Fiber Ring
Census Blocks in Middle Mile Span: 1104, 1107, 1108, 1109, 3000, 3024, 1045, 2035, 2036, 3000, 3001, 3002, 3010, 3011, 3012, 3013, 3014, 3019, 3025, 4020, 4021, 4022, 2021, 2023, 2025, 3003, 3006, 3039, 3040, 3041, 3042, 3055, 1002, 1012, 1013, 1042, 1043, 1049, 1059, 2017, 2018, 2019, 2027, 2048, 2050, 2051, 2062, 2111, 2127, 2128, 2129, 2130, 3104, 3134, 3135, 1006, 1111, 2000, 2008, 2012, 1005, 2007, 2008, 2009, 2012, 3003, 3020, 3021, 3022, 3023, 3024, 4000, 4001, 4002, 4003, 4004, 4005, 4007, 4008, 4009, 4040, 4066, 1030, 2017, 2019, 2054, 1014, 1015, 1029, 1030, 1031, 1032, 1037, 1038, 3011, 3012, 3013, 3014, 3031, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3051, 3053, 3054, 3057, 3063, 3064, 3080, 3081, 3082, 3083, 3084, 3089, 3090, 4012, 4013, 4024, 4025, 4026, 4027, 4028, 4029, 4030, 4031, 3000, 3002, 3003, 3004, 3009, 3010, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 4003, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 1003, 1009, 1010, 1011, 1017, 1018, 2006, 2013, 2014, 2017, 2018, 3014, 3016, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4017, 4018, 4019, 4020, 4021, 4036, 4037, 4038, 4039, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 3007, 2010, 3000, 1005, 1010, 1011, 1020, 2007, 2008, 2009, 2010, 2011, 2012, 3004, 3005, 3010, 3011, 3012, 3013, 2035, 2036, 2037, 2053, 3000, 3001, 3002, 3003, 3008, 4017, 4028, 4031, 4033, 4036, 1057, 1058, 1059, 1061, 1071, 1072, 1073, 1074, 1083, 1084, 1086, 1087, 1088, 1094, 1097, 1098, 1100, 1101, 1105, 1107, 1108, 1124, 1125, 1126, 1128, 1009, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1021, 2029, 4024, 4029, 4032, 1058, 2004, 2012, 2013, 2014, 2015, 2016, 3021, 3025, 3026, 3035, 4000, 4003, 4004, 3007, 3025, 3073, 3082, 3094, 3096, 3098, 3103, 1027, 1028, 1031, 1035, 1036, 1053, 1054, 1055, 1057, 1058, 1059, 1061, 1064, 1066, 2005, 2010, 2015, 2067, 1012, 1014, 1017, 1030, 1031, 1032, 1033, 2035, 2036

Last Mile Service Area Name: Hornell
Community Name: Hornell
Rural Classification of the Community: Rural
BIP – Service Status: Underserved



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;

Total Square Miles of Service Area: 3
Total Population : 9,019
Total Number of Households: 3,596
Total Number of Businesses: 657
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 6

Middle Mile Span Name: Western NY Redundant Fiber Ring
Census Blocks in Middle Mile Span: 1104, 1107, 1108, 1109, 3000, 3024, 1045, 2035, 2036, 3000, 3001, 3002, 3010, 3011, 3012, 3013, 3014, 3019, 3025, 4020, 4021, 4022, 2021, 2023, 2025, 3003, 3006, 3039, 3040, 3041, 3042, 3055, 1002, 1012, 1013, 1042, 1043, 1049, 1059, 2017, 2018, 2019, 2027, 2048, 2050, 2051, 2062, 2111, 2127, 2128, 2129, 2130, 3104, 3134, 3135, 1006, 1111, 2000, 2008, 2012, 1005, 2007, 2008, 2009, 2012, 3003, 3020, 3021, 3022, 3023, 3024, 4000, 4001, 4002, 4003, 4004, 4005, 4007, 4008, 4009, 4040, 4066, 1030, 2017, 2019, 2054, 1014, 1015, 1029, 1030, 1031, 1032, 1037, 1038, 3011, 3012, 3013, 3014, 3031, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3051, 3053, 3054, 3057, 3063, 3064, 3080, 3081, 3082, 3083, 3084, 3089, 3090, 4012, 4013, 4024, 4025, 4026, 4027, 4028, 4029, 4030, 4031, 3000, 3002, 3003, 3004, 3009, 3010, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 4003, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 1003, 1009, 1010, 1011, 1017, 1018, 2006, 2013, 2014, 2017, 2018, 3014, 3016, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4017, 4018, 4019, 4020, 4021, 4036, 4037, 4038, 4039, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 3007, 2010,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

3000, 1005, 1010, 1011, 1020, 2007, 2008, 2009, 2010, 2011, 2012, 3004, 3005, 3010, 3011, 3012, 3013, 2035, 2036, 2037, 2053, 3000, 3001, 3002, 3003, 3008, 4017, 4028, 4031, 4033, 4036, 1057, 1058, 1059, 1061, 1071, 1072, 1073, 1074, 1083, 1084, 1086, 1087, 1088, 1094, 1097, 1098, 1100, 1101, 1105, 1107, 1108, 1124, 1125, 1126, 1128, 1009, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1021, 2029, 4024, 4029, 4032, 1058, 2004, 2012, 2013, 2014, 2015, 2016, 3021, 3025, 3026, 3035, 4000, 4003, 4004, 3007, 3025, 3073, 3082, 3094, 3096, 3098, 3103, 1027, 1028, 1031, 1035, 1036, 1053, 1054, 1055, 1057, 1058, 1059, 1061, 1064, 1066, 2005, 2010, 2015, 2067, 1012, 1014, 1017, 1030, 1031, 1032, 1033, 2035, 2036

Last Mile Service Area Name: Addison
Community Name: Addison
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 2
Total Population : 1,797
Total Number of Households: 724
Total Number of Businesses: 210
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 1

Middle Mile Span Name: Western NY Redundant Fiber Ring



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Census Blocks in Middle Mile Span: 1104, 1107, 1108, 1109, 3000, 3024, 1045, 2035, 2036, 3000, 3001, 3002, 3010, 3011, 3012, 3013, 3014, 3019, 3025, 4020, 4021, 4022, 2021, 2023, 2025, 3003, 3006, 3039, 3040, 3041, 3042, 3055, 1002, 1012, 1013, 1042, 1043, 1049, 1059, 2017, 2018, 2019, 2027, 2048, 2050, 2051, 2062, 2111, 2127, 2128, 2129, 2130, 3104, 3134, 3135, 1006, 1111, 2000, 2008, 2012, 1005, 2007, 2008, 2009, 2012, 3003, 3020, 3021, 3022, 3023, 3024, 4000, 4001, 4002, 4003, 4004, 4005, 4007, 4008, 4009, 4040, 4066, 1030, 2017, 2019, 2054, 1014, 1015, 1029, 1030, 1031, 1032, 1037, 1038, 3011, 3012, 3013, 3014, 3031, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3051, 3053, 3054, 3057, 3063, 3064, 3080, 3081, 3082, 3083, 3084, 3089, 3090, 4012, 4013, 4024, 4025, 4026, 4027, 4028, 4029, 4030, 4031, 3000, 3002, 3003, 3004, 3009, 3010, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 4003, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 1003, 1009, 1010, 1011, 1017, 1018, 2006, 2013, 2014, 2017, 2018, 3014, 3016, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4017, 4018, 4019, 4020, 4021, 4036, 4037, 4038, 4039, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 3007, 2010, 3000, 1005, 1010, 1011, 1020, 2007, 2008, 2009, 2010, 2011, 2012, 3004, 3005, 3010, 3011, 3012, 3013, 2035, 2036, 2037, 2053, 3000, 3001, 3002, 3003, 3008, 4017, 4028, 4031, 4033, 4036, 1057, 1058, 1059, 1061, 1071, 1072, 1073, 1074, 1083, 1084, 1086, 1087, 1088, 1094, 1097, 1098, 1100, 1101, 1105, 1107, 1108, 1124, 1125, 1126, 1128, 1009, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1021, 2029, 4024, 4029, 4032, 1058, 2004, 2012, 2013, 2014, 2015, 2016, 3021, 3025, 3026, 3035, 4000, 4003, 4004, 3007, 3025, 3073, 3082, 3094, 3096, 3098, 3103, 1027, 1028, 1031, 1035, 1036, 1053, 1054, 1055, 1057, 1058, 1059, 1061, 1064, 1066, 2005, 2010, 2015, 2067, 1012, 1014, 1017, 1030, 1031, 1032, 1033, 2035, 2036

Last Mile Service Area Name: Bath
Community Name: Bath
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 3
Total Population : 5,641
Total Number of Households: 2,612
Total Number of Businesses: 624
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 3

Middle Mile Span Name: Western NY Redundant Fiber Ring
Census Blocks in Middle Mile Span: 1104, 1107, 1108, 1109, 3000, 3024, 1045, 2035, 2036, 3000, 3001, 3002, 3010, 3011, 3012, 3013, 3014, 3019, 3025, 4020, 4021, 4022, 2021, 2023, 2025, 3003, 3006, 3039, 3040, 3041, 3042, 3055, 1002, 1012, 1013, 1042, 1043, 1049, 1059, 2017, 2018, 2019, 2027, 2048, 2050, 2051, 2062, 2111, 2127, 2128, 2129, 2130, 3104, 3134, 3135, 1006, 1111, 2000, 2008, 2012, 1005, 2007, 2008, 2009, 2012, 3003, 3020, 3021, 3022, 3023, 3024, 4000, 4001, 4002, 4003, 4004, 4005, 4007, 4008, 4009, 4040, 4066, 1030, 2017, 2019, 2054, 1014, 1015, 1029, 1030, 1031, 1032, 1037, 1038, 3011, 3012, 3013, 3014, 3031, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3051, 3053, 3054, 3057, 3063, 3064, 3080, 3081, 3082, 3083, 3084, 3089, 3090, 4012, 4013, 4024, 4025, 4026, 4027, 4028, 4029, 4030, 4031, 3000, 3002, 3003, 3004, 3009, 3010, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 4003, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 1003, 1009, 1010, 1011, 1017, 1018, 2006, 2013, 2014, 2017, 2018, 3014, 3016, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4017, 4018, 4019, 4020, 4021, 4036, 4037, 4038, 4039, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 3007, 2010, 3000, 1005, 1010, 1011, 1020, 2007, 2008, 2009, 2010, 2011, 2012, 3004, 3005, 3010, 3011, 3012, 3013, 2035, 2036, 2037, 2053, 3000, 3001, 3002, 3003, 3008, 4017, 4028, 4031, 4033, 4036, 1057, 1058, 1059, 1061, 1071, 1072, 1073, 1074, 1083, 1084, 1086, 1087, 1088, 1094, 1097, 1098, 1100, 1101, 1105, 1107, 1108, 1124, 1125, 1126, 1128, 1009, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1021, 2029, 4024, 4029, 4032, 1058, 2004, 2012, 2013, 2014, 2015, 2016, 3021, 3025, 3026, 3035, 4000, 4003, 4004, 3007, 3025, 3073, 3082, 3094, 3096, 3098, 3103, 1027, 1028, 1031, 1035, 1036, 1053, 1054, 1055, 1057, 1058, 1059, 1061, 1064, 1066, 2005, 2010, 2015, 2067, 1012, 1014, 1017, 1030, 1031, 1032, 1033, 2035, 2036

Last Mile Service Area Name: Hammsondsport
Community Name: Hammondspport



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 3
Total Population : 731
Total Number of Households: 332
Total Number of Businesses: 174
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 1

Middle Mile Span Name: Western NY Redundant Fiber Ring
Census Blocks in Middle Mile Span: 1104, 1107, 1108, 1109, 3000, 3024, 1045, 2035, 2036, 3000, 3001, 3002, 3010, 3011, 3012, 3013, 3014, 3019, 3025, 4020, 4021, 4022, 2021, 2023, 2025, 3003, 3006, 3039, 3040, 3041, 3042, 3055, 1002, 1012, 1013, 1042, 1043, 1049, 1059, 2017, 2018, 2019, 2027, 2048, 2050, 2051, 2062, 2111, 2127, 2128, 2129, 2130, 3104, 3134, 3135, 1006, 1111, 2000, 2008, 2012, 1005, 2007, 2008, 2009, 2012, 3003, 3020, 3021, 3022, 3023, 3024, 4000, 4001, 4002, 4003, 4004, 4005, 4007, 4008, 4009, 4040, 4066, 1030, 2017, 2019, 2054, 1014, 1015, 1029, 1030, 1031, 1032, 1037, 1038, 3011, 3012, 3013, 3014, 3031, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3051, 3053, 3054, 3057, 3063, 3064, 3080, 3081, 3082, 3083, 3084, 3089, 3090, 4012, 4013, 4024, 4025, 4026, 4027, 4028, 4029,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

4030, 4031, 3000, 3002, 3003, 3004, 3009, 3010, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 4003, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 1003, 1009, 1010, 1011, 1017, 1018, 2006, 2013, 2014, 2017, 2018, 3014, 3016, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4017, 4018, 4019, 4020, 4021, 4036, 4037, 4038, 4039, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 3007, 2010, 3000, 1005, 1010, 1011, 1020, 2007, 2008, 2009, 2010, 2011, 2012, 3004, 3005, 3010, 3011, 3012, 3013, 2035, 2036, 2037, 2053, 3000, 3001, 3002, 3003, 3008, 4017, 4028, 4031, 4033, 4036, 1057, 1058, 1059, 1061, 1071, 1072, 1073, 1074, 1083, 1084, 1086, 1087, 1088, 1094, 1097, 1098, 1100, 1101, 1105, 1107, 1108, 1124, 1125, 1126, 1128, 1009, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1021, 2029, 4024, 4029, 4032, 1058, 2004, 2012, 2013, 2014, 2015, 2016, 3021, 3025, 3026, 3035, 4000, 4003, 4004, 3007, 3025, 3073, 3082, 3094, 3096, 3098, 3103, 1027, 1028, 1031, 1035, 1036, 1053, 1054, 1055, 1057, 1058, 1059, 1061, 1064, 1066, 2005, 2010, 2015, 2067, 1012, 1014, 1017, 1030, 1031, 1032, 1033, 2035, 2036

Last Mile Service Area Name: Dansville
Community Name: Dansville
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 2
Total Population : 4,832
Total Number of Households: 1,912



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Number of Businesses: 476

Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 6

Middle Mile Span Name: Western NY Redundant Fiber Ring

Census Blocks in Middle Mile Span: 1104, 1107, 1108, 1109, 3000, 3024, 1045, 2035, 2036, 3000, 3001, 3002, 3010, 3011, 3012, 3013, 3014, 3019, 3025, 4020, 4021, 4022, 2021, 2023, 2025, 3003, 3006, 3039, 3040, 3041, 3042, 3055, 1002, 1012, 1013, 1042, 1043, 1049, 1059, 2017, 2018, 2019, 2027, 2048, 2050, 2051, 2062, 2111, 2127, 2128, 2129, 2130, 3104, 3134, 3135, 1006, 1111, 2000, 2008, 2012, 1005, 2007, 2008, 2009, 2012, 3003, 3020, 3021, 3022, 3023, 3024, 4000, 4001, 4002, 4003, 4004, 4005, 4007, 4008, 4009, 4040, 4066, 1030, 2017, 2019, 2054, 1014, 1015, 1029, 1030, 1031, 1032, 1037, 1038, 3011, 3012, 3013, 3014, 3031, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3051, 3053, 3054, 3057, 3063, 3064, 3080, 3081, 3082, 3083, 3084, 3089, 3090, 4012, 4013, 4024, 4025, 4026, 4027, 4028, 4029, 4030, 4031, 3000, 3002, 3003, 3004, 3009, 3010, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 4003, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 1003, 1009, 1010, 1011, 1017, 1018, 2006, 2013, 2014, 2017, 2018, 3014, 3016, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4017, 4018, 4019, 4020, 4021, 4036, 4037, 4038, 4039, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 3007, 2010, 3000, 1005, 1010, 1011, 1020, 2007, 2008, 2009, 2010, 2011, 2012, 3004, 3005, 3010, 3011, 3012, 3013, 2035, 2036, 2037, 2053, 3000, 3001, 3002, 3003, 3008, 4017, 4028, 4031, 4033, 4036, 1057, 1058, 1059, 1061, 1071, 1072, 1073, 1074, 1083, 1084, 1086, 1087, 1088, 1094, 1097, 1098, 1100, 1101, 1105, 1107, 1108, 1124, 1125, 1126, 1128, 1009, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1021, 2029, 4024, 4029, 4032, 1058, 2004, 2012, 2013, 2014, 2015, 2016, 3021, 3025, 3026, 3035, 4000, 4003, 4004, 3007, 3025, 3073, 3082, 3094, 3096, 3098, 3103, 1027, 1028, 1031, 1035, 1036, 1053, 1054, 1055, 1057, 1058, 1059, 1061, 1064, 1066, 2005, 2010, 2015, 2067, 1012, 1014, 1017, 1030, 1031, 1032, 1033, 2035, 2036

Last Mile Service Area Name: Almond/Alfred
Community Name: Almond/Alfred
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

--

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 6
Total Population : 5,304
Total Number of Households: 1,904
Total Number of Businesses: 460
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 12

Middle Mile Span Name: Chemung and Steuben County Fiber
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 1000, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

3018, 3998, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3998, 3999, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 3000, 3001, 3002, 3003, 3004, 3005, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3999, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4999, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 1002, 1052, 1059, 2063, 3041, 4013, 4014, 4016, 4017, 4048, 4049, 4055, 4056, 5038, 4012, 4015, 4037, 5030, 4007, 4008, 4016, 2000, 2040, 2044, 6018, 6104, 1008, 1009, 1019, 1021, 2004, 2009, 3018, 3019, 5025, 5026, 6019, 6020, 6021, 7003, 7004, 7005, 7035, 7036, 7039, 7042, 3998, 1004, 1005, 1006, 1007, 1016, 1017, 1018, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1997, 1006, 1007, 1008, 1009, 1010, 1011, 1023, 2000, 2001, 2002, 2005, 3000, 3001, 3002, 3003, 3007, 4002, 4003, 4004, 4005, 4007, 4010, 4013, 4014, 1030, 1031, 1051, 1053, 1056, 1057, 1064, 1066, 1068, 1070, 1075, 1076, 1077, 1999, 1006, 2008, 2009

Last Mile Service Area Name: Odessa
Community Name: Odessa
Rural Classification of the Community: Rural
BIP – Service Status: Underserved



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

<p>BIP - If Service Status is "Underserved" please select at least one applicable option from this list.</p> <p>No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;</p> <p>No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or</p>
--

BTOP - Service Status: Underserved

<p>BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.</p> <p>No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;</p> <p>No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;</p>
--

Total Square Miles of Service Area: 2
Total Population : 617
Total Number of Households: 2,469
Total Number of Businesses: 68
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 4

Middle Mile Span Name: Chemung and Steuben County Fiber
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 1000, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

3006, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3998, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3998, 3999, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 3000, 3001, 3002, 3003, 3004, 3005, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3999, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4999, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 1002, 1052, 1059, 2063, 3041, 4013, 4014, 4016, 4017, 4048, 4049, 4055, 4056, 5038, 4012, 4015, 4037, 5030, 4007, 4008, 4016, 2000, 2040, 2044, 6018, 6104, 1008, 1009, 1019, 1021, 2004, 2009, 3018, 3019, 5025, 5026, 6019, 6020, 6021, 7003, 7004, 7005, 7035, 7036, 7039, 7042, 3998, 1004, 1005, 1006, 1007, 1016, 1017, 1018, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1997, 1006, 1007, 1008, 1009, 1010, 1011, 1023, 2000, 2001, 2002, 2005, 3000, 3001, 3002,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

3003, 3007, 4002, 4003, 4004, 4005, 4007, 4010, 4013, 4014, 1030, 1031, 1051, 1053, 1056, 1057, 1064, 1066, 1068, 1070, 1075, 1076, 1077, 1999, 1006, 2008, 2009

Last Mile Service Area Name: Corning
Community Name: Corning
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 3
Total Population : 10,842
Total Number of Households: 4,996
Total Number of Businesses: 970
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 14

Middle Mile Span Name: Chemung and Steuben County Fiber
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 1000, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3998, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3998, 3999, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 3000, 3001, 3002, 3003, 3004, 3005, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3999, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4999, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 1002, 1052, 1059, 2063, 3041, 4013, 4014, 4016, 4017, 4048, 4049, 4055, 4056, 5038, 4012, 4015, 4037, 5030, 4007, 4008, 4016, 2000, 2040, 2044, 6018, 6104, 1008, 1009, 1019, 1021, 2004, 2009, 3018, 3019, 5025, 5026, 6019, 6020, 6021, 7003, 7004, 7005, 7035, 7036, 7039, 7042, 3998, 1004, 1005, 1006, 1007, 1016, 1017, 1018, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1997, 1006, 1007, 1008, 1009, 1010, 1011, 1023, 2000, 2001, 2002, 2005, 3000, 3001, 3002, 3003, 3007, 4002, 4003, 4004, 4005, 4007, 4010, 4013, 4014, 1030, 1031, 1051, 1053, 1056, 1057, 1064, 1066, 1068, 1070, 1075, 1076, 1077, 1999, 1006, 2008, 2009

Last Mile Service Area Name: Painted Post
Community Name: Painted Post
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 1
Total Population : 1,842
Total Number of Households: 811
Total Number of Businesses: 323
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 2



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Middle Mile Span Name: New York Vermont Western New Hampshire Network
Connectivity

Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 4028, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 3000, 3001, 3002, 3003, 3004, 3005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 5999, 2999, 3009, 4017, 1008, 1009, 1013, 1017, 1021, 2017, 2018, 5000, 5001, 5004, 1011, 1013, 3014, 1019, 1020, 1029, 1030, 3035, 3040, 6057, 6062, 6116, 6117, 6118, 3023, 3042, 3047, 3049, 4007, 1012, 2008, 2026, 4024, 6009, 6012, 6013, 6019, 1015, 1018, 1019, 2002, 2014, 2040, 2042, 2046, 2047, 2052, 2053, 3028, 6004, 6005, 1001, 1002, 1053, 4000, 4067, 4068, 4069, 1007, 1029, 1030, 2007, 2038

Last Mile Service Area Name: Whitehall NY
Community Name: Whitehall NY
Rural Classification of the Community: Rural



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 5
Total Population : 2,667
Total Number of Households: 1,115
Total Number of Businesses: 191
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 11

Middle Mile Span Name: New York Vermont Western New Hampshire Network
Connectivity

Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 4028, 1000, 1001,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 3000, 3001, 3002, 3003, 3004, 3005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 5999, 2999, 3009, 4017, 1008, 1009, 1013, 1017, 1021, 2017, 2018, 5000, 5001, 5004, 1011, 1013, 3014, 1019, 1020, 1029, 1030, 3035, 3040, 6057, 6062, 6116, 6117, 6118, 3023, 3042, 3047, 3049, 4007, 1012, 2008, 2026, 4024, 6009, 6012, 6013, 6019, 1015, 1018, 1019, 2002, 2014, 2040, 2042, 2046, 2047, 2052, 2053, 3028, 6004, 6005, 1001, 1002, 1053, 4000, 4067, 4068, 4069, 1007, 1029, 1030, 2007, 2038

Last Mile Service Area Name: Bristol VT
Community Name: Bristol VT
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 41
Total Population : 1,762
Total Number of Households: 736
Total Number of Businesses: 342
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 6

Middle Mile Span Name: New York Vermont Western New Hampshire Network
Connectivity
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 4028, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 1000, 1001, 1002, 1003,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 3000, 3001, 3002, 3003, 3004, 3005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 5999, 2999, 3009, 4017, 1008, 1009, 1013, 1017, 1021, 2017, 2018, 5000, 5001, 5004, 1011, 1013, 3014, 1019, 1020, 1029, 1030, 3035, 3040, 6057, 6062, 6116, 6117, 6118, 3023, 3042, 3047, 3049, 4007, 1012, 2008, 2026, 4024, 6009, 6012, 6013, 6019, 1015, 1018, 1019, 2002, 2014, 2040, 2042, 2046, 2047, 2052, 2053, 3028, 6004, 6005, 1001, 1002, 1053, 4000, 4067, 4068, 4069, 1007, 1029, 1030, 2007, 2038

Last Mile Service Area Name: Crown Point NY
Community Name: Crown Point NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 76
Total Population : 2,119



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

Total Number of Households: 885

Total Number of Businesses: 97

Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 7

Middle Mile Span Name: Herkimer and Oneida County Fiber Backbone Network

Census Blocks in Middle Mile Span: 1018, 1012, 4014, 4016, 4017, 2004, 2008, 2009, 2010, 2011, 2015, 2016, 2024, 2032, 2033, 2035, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9009, 9010, 9011, 9012, 9017, 9022, 9032, 9033, 9034, 1001, 2000, 1003, 1027, 1995, 2005, 9001, 9002, 9012, 9013, 9014, 9015, 9023, 9024, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3998, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 3000, 3001, 3002, 3003, 3004, 3005, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 3005, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 1000, 1001, 1002, 1003, 1004, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 4000, 4001, 4002, 4003, 4004, 4005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9995, 9996, 9997, 9998, 9999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

2036, 2998, 2999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 1072, 1074, 1086, 9999, 1000, 1001, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 6008, 6009, 6010, 6011, 6012, 6013, 7000, 7001, 7002, 7003, 7004, 7005, 7007, 7008, 7009, 7010, 7011, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3037, 3038, 3039, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9038, 3010, 3011, 3012, 3013, 3014, 3015, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3031, 3997, 3998, 3999, 9028, 9036, 9037, 9038, 9039, 9999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9999, 9999, 1056, 1062, 1063, 2012, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

1022, 1023, 1025, 1998, 1999, 2003, 2009, 2010, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9028, 9029, 9030, 9031, 9032, 9033, 9034, 9035, 9036, 9037, 9038, 9039, 9040, 9041, 9042, 9043, 9044, 9045, 9046, 9047, 9048, 9049, 9050, 9051, 9052, 9053, 9054, 9055, 9056, 9057, 9058, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 5001, 5002, 5003, 5004, 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 9000, 9001, 9002, 9003, 9006, 9007, 9008, 9009, 9010, 9011, 9014, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1014, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 3003, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3021, 3022, 3052, 3053, 3054, 3055, 3056, 9001

Last Mile Service Area Name: Herkimer NY
Community Name: Herkimer NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

--

Total Square Miles of Service Area: 2
Total Population : 7,498
Total Number of Households: 3,184
Total Number of Businesses: 521
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 27

Middle Mile Span Name: Herkimer and Oneida County Fiber Backbone Network
Census Blocks in Middle Mile Span: 1018, 2012, 4014, 4016, 4017, 2004, 2008, 2009, 2010, 2011, 2015, 2016, 2024, 2032, 2033, 2035, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9009, 9010, 9011, 9012, 9017, 9022, 9032, 9033, 9034, 1001, 2000, 1003, 1027, 1995, 2005, 9001, 9002, 9012, 9013, 9014, 9015, 9023, 9024, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3998, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 3000, 3001, 3002, 3003, 3004, 3005, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

1030, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 1000, 1001, 1002, 1003, 1004, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 4000, 4001, 4002, 4003, 4004, 4005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9995, 9996, 9997, 9998,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

9999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2998, 2999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 1072, 1074, 1086, 9999, 1000, 1001, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 6008, 6009, 6010, 6011, 6012, 6013, 7000, 7001, 7002, 7003, 7004, 7005, 7007, 7008, 7009, 7010, 7011, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3037, 3038, 3039, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9038, 3010, 3011, 3012, 3013, 3014, 3015, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3031, 3997, 3998, 3999, 9028, 9036, 9037, 9038, 9039, 9999, 1000, 1001, 1002, 1003, 1004, 1005,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

1006, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9999, 9999, 1056, 1062, 1063, 2012, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1025, 1998, 1999, 2003, 2009, 2010, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9028, 9029, 9030, 9031, 9032, 9033, 9034, 9035, 9036, 9037, 9038, 9039, 9040, 9041, 9042, 9043, 9044, 9045, 9046, 9047, 9048, 9049, 9050, 9051, 9052, 9053, 9054, 9055, 9056, 9057, 9058, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 5001, 5002, 5003, 5004, 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 9000, 9001, 9002, 9003, 9006, 9007, 9008, 9009, 9010, 9011, 9014, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1014, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 3003, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3021, 3022, 3052, 3053, 3054, 3055, 3056, 9001

Last Mile Service Area Name: Utica NY
Community Name: Utica NY
Rural Classification of the Community: Non-Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 16
Total Population : 60,651
Total Number of Households: 25,358
Total Number of Businesses: 3,008
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 49

Middle Mile Span Name: Herkimer and Oneida County Fiber Backbone Network
Census Blocks in Middle Mile Span: 1018, 2012, 4014, 4016, 4017, 2004, 2008, 2009, 2010, 2011, 2015, 2016, 2024, 2032, 2033, 2035, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9009, 9010, 9011, 9012, 9017, 9022, 9032, 9033, 9034, 1001, 2000, 1003, 1027, 1995, 2005, 9001, 9002, 9012, 9013, 9014, 9015, 9023, 9024, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3998, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 4000,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 3000, 3001, 3002, 3003, 3004, 3005, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 3000, 3001, 3002, 3003, 3004, 3005, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 1000, 1001, 1002, 1003, 1004, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 4000, 4001, 4002, 4003, 4004, 4005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9995, 9996, 9997, 9998, 9999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2998, 2999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 1072, 1074, 1086, 9999, 1000, 1001, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 6008, 6009, 6010, 6011, 6012, 6013, 7000, 7001, 7002, 7003, 7004, 7005, 7007, 7008, 7009, 7010, 7011, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3037, 3038, 3039, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

4009, 4010, 4011, 4012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9038, 3010, 3011, 3012, 3013, 3014, 3015, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3031, 3997, 3998, 3999, 9028, 9036, 9037, 9038, 9039, 9999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9999, 9999, 1056, 1062, 1063, 2012, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1025, 1998, 1999, 2003, 2009, 2010, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9028, 9029, 9030, 9031, 9032, 9033, 9034, 9035, 9036, 9037, 9038, 9039, 9040, 9041, 9042, 9043, 9044, 9045, 9046, 9047, 9048, 9049, 9050, 9051, 9052, 9053, 9054, 9055, 9056, 9057, 9058, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 5001, 5002, 5003, 5004, 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 9000, 9001, 9002, 9003, 9006, 9007, 9008, 9009, 9010, 9011, 9014, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1014, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 3003, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3021, 3022, 3052, 3053, 3054, 3055, 3056, 9001

Last Mile Service Area Name: Whitesboro, NY
Community Name: Whitesboro
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 2
Total Population : 3,943
Total Number of Households: 1,778
Total Number of Businesses: 521
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 11

Middle Mile Span Name: Herkimer and Oneida County Fiber Backbone Network
Census Blocks in Middle Mile Span: 1018, 1012, 4014, 4016, 4017, 2004, 2008, 2009, 2010, 2011, 2015, 2016, 2024, 2032, 2033, 2035, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9009, 9010, 9011, 9012, 9017, 9022, 9032, 9033, 9034, 1001, 2000, 1003, 1027, 1995, 2005, 9001, 9002, 9012, 9013, 9014, 9015, 9023, 9024, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3998, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 5000, 5001, 5002,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

5003, 5004, 5005, 5006, 5007, 5008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 3000, 3001, 3002, 3003, 3004, 3005, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 1000, 1001, 1002, 1003, 1004, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 4000, 4001, 4002, 4003, 4004, 4005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9995, 9996, 9997, 9998, 9999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2998, 2999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 1072, 1074, 1086, 9999, 1000, 1001, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 6008, 6009, 6010, 6011, 6012, 6013, 7000, 7001, 7002, 7003, 7004, 7005, 7007, 7008, 7009, 7010, 7011, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

3034, 3035, 3036, 3037, 3038, 3039, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9038, 3010, 3011, 3012, 3013, 3014, 3015, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3031, 3997, 3998, 3999, 9028, 9036, 9037, 9038, 9039, 9999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9999, 9999, 1056, 1062, 1063, 2012, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1025, 1998, 1999, 2003, 2009, 2010, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9028, 9029, 9030, 9031, 9032, 9033, 9034, 9035, 9036, 9037, 9038, 9039, 9040, 9041, 9042, 9043, 9044, 9045, 9046, 9047, 9048, 9049, 9050, 9051, 9052, 9053, 9054, 9055, 9056, 9057, 9058, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 5001, 5002, 5003, 5004, 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 9000, 9001, 9002, 9003, 9006, 9007, 9008, 9009, 9010, 9011, 9014, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1014, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 3003, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3021, 3022, 3052, 3053, 3054, 3055, 3056, 9001

Last Mile Service Area Name: Vernon NY
Community Name: Vernon NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 1
Total Population : 7,498
Total Number of Households: 4,499
Total Number of Businesses: 245
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 12

Middle Mile Span Name: ION and DANC North Country Route Protection
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 1000, 1001, 1002,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3995, 3996, 3997, 3998, 3999, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9028, 9029, 9030, 9031, 9032, 9033, 9034, 9035, 9036, 9037, 9038, 9039, 9040, 9041, 9042, 9043, 9044, 9045, 9046, 9047, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3998, 3999, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9028, 9029, 9030, 9031, 9032, 9033, 9034, 9035, 9036, 9037, 9038,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

9039, 9040, 9041, 9042, 9043, 9044, 9045, 9046, 9047, 9048, 9995, 9996, 9997, 9998, 9999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2995, 2996, 2997, 2998, 2999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 9014, 9018, 9021, 1014, 1017, 1020, 8006, 8028, 8029, 8036, 8037, 8046, 8047, 8992, 9011, 9013, 9014, 9015, 9016, 9017, 9022, 9031, 9032, 9033, 9034, 9035, 2020, 2037, 2040, 2049, 2067, 2090, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9012, 9013, 1012, 1013, 1016, 1077, 1080, 1093, 1094, 1095, 2050, 3023, 3073, 1098, 2014, 2015, 2016, 2020, 2036, 2037, 9012, 9020, 9027, 1025, 1046, 1048, 1995, 1996, 1997, 1998, 1999, 9007, 9011, 9123

Last Mile Service Area Name: Marcy NY
Community Name: Marcy NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 2
Total Population : 9,469
Total Number of Households: 3,958
Total Number of Businesses: 242
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 10

Middle Mile Span Name: ION and DANC North Country Route Protection
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

1016, 1017, 1018, 1019, 1020, 1021, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3995, 3996, 3997, 3998, 3999, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9028, 9029, 9030, 9031, 9032, 9033, 9034, 9035, 9036, 9037, 9038, 9039, 9040, 9041, 9042, 9043, 9044, 9045, 9046, 9047, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3998, 3999, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9028, 9029, 9030, 9031, 9032, 9033, 9034, 9035, 9036, 9037, 9038, 9039, 9040, 9041, 9042, 9043, 9044, 9045, 9046, 9047, 9048, 9995, 9996, 9997, 9998, 9999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2995, 2996, 2997, 2998, 2999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 9014, 9018, 9021, 1014, 1017, 1020, 8006, 8028, 8029, 8036, 8037, 8046, 8047, 8992, 9011, 9013, 9014, 9015, 9016, 9017, 9022, 9031, 9032, 9033, 9034, 9035, 2020, 2037, 2040, 2049, 2067, 2090, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9012, 9013, 1012, 1013, 1016, 1077, 1080, 1093, 1094, 1095, 2050, 3023, 3073, 1098, 2014, 2015, 2016, 2020, 2036, 2037, 9012, 9020, 9027, 1025, 1046, 1048, 1995, 1996, 1997, 1998, 1999, 9007, 9011, 9123

Last Mile Service Area Name: Boonville NY
Community Name: Boonville
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 2
Total Population : 2,138
Total Number of Households: 893
Total Number of Businesses: 310
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 13



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Middle Mile Span Name: New York - Pennsylvania Network Redundant Route via 3 Rural Telephone Companies

Census Blocks in Middle Mile Span: 1019, 3005, 3008, 3009, 3011, 1001, 1002, 1003, 2000, 2002, 2004, 2005, 2006, 2009, 2010, 2011, 3000, 3011, 3012, 3013, 3015, 3021, 3023, 1000, 1001, 2002, 2003, 2006, 2007, 2009, 2010, 2011, 1027, 1052, 1054, 1056, 1063, 1070, 1072, 1073, 1077, 1078, 1079, 1080, 6047, 6048, 6059, 6060, 1005, 1010, 1011, 2017, 2018, 1027, 1074, 1076, 1077, 2014, 2015, 3002, 1081, 2000, 2010, 4024, 4026, 4027, 4032, 4033, 4035, 4036, 4037, 4041, 4042, 4043, 4052, 4053, 5019, 3027, 3028, 3029, 3030, 3033, 3036, 3037, 4014, 4015, 4016, 4017, 4028, 4030, 4031, 4032, 4998, 1019, 1020, 1025, 1026, 1027, 1029, 1033, 1034, 1036, 1038, 1039, 1040, 1041, 2001, 2003, 2004, 2023, 2039, 2040, 2049, 2050, 2052, 2053, 2054, 2055, 3013, 3014, 3015, 3016, 3032, 4005, 4006, 4016, 4024, 4025, 2000, 2001, 2003, 2005, 2006, 2011, 1020, 1999, 1040, 1042, 1043, 1044, 1045, 1046, 1049, 1050, 1052, 1054, 1055, 1067, 1995, 1998, 3019, 3023, 3037, 3070, 3086, 3087, 3088, 4000, 4999

Last Mile Service Area Name: Port Jervis NY

Community Name: Port Jervis NY

Rural Classification of the Community: Rural

BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 3

Total Population : 8,860



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Number of Households: 3,704
Total Number of Businesses: 780
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 19

Middle Mile Span Name: New York - Pennsylvania Network Redundant Route via 3 Rural Telephone Companies

Census Blocks in Middle Mile Span: 1019, 3005, 3008, 3009, 3011, 1001, 1002, 1003, 2000, 2002, 2004, 2005, 2006, 2009, 2010, 2011, 3000, 3011, 3012, 3013, 3015, 3021, 3023, 1000, 1001, 2002, 2003, 2006, 2007, 2009, 2010, 2011, 1027, 1052, 1054, 1056, 1063, 1070, 1072, 1073, 1077, 1078, 1079, 1080, 6047, 6048, 6059, 6060, 1005, 1010, 1011, 2017, 2018, 1027, 1074, 1076, 1077, 2014, 2015, 3002, 1081, 2000, 2010, 4024, 4026, 4027, 4032, 4033, 4035, 4036, 4037, 4041, 4042, 4043, 4052, 4053, 5019, 3027, 3028, 3029, 3030, 3033, 3036, 3037, 4014, 4015, 4016, 4017, 4028, 4030, 4031, 4032, 4998, 1019, 1020, 1025, 1026, 1027, 1029, 1033, 1034, 1036, 1038, 1039, 1040, 1041, 2001, 2003, 2004, 2023, 2039, 2040, 2049, 2050, 2052, 2053, 2054, 2055, 3013, 3014, 3015, 3016, 3032, 4005, 4006, 4016, 4024, 4025, 2000, 2001, 2003, 2005, 2006, 2011, 1020, 1999, 1040, 1042, 1043, 1044, 1045, 1046, 1049, 1050, 1052, 1054, 1055, 1067, 1995, 1998, 3019, 3023, 3037, 3070, 3086, 3087, 3088, 4000, 4999

Last Mile Service Area Name: Rowland, PA
Community Name: Rowland, PA
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

downstream in the proposed funded service area;

Total Square Miles of Service Area: 3
Total Population : 82
Total Number of Households: 34
Total Number of Businesses: 5
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 4

Middle Mile Span Name: New York - Pennsylvania Network Redundant Route via 3 Rural Telephone Companies

Census Blocks in Middle Mile Span: 1019, 3005, 3008, 3009, 3011, 1001, 1002, 1003, 2000, 2002, 2004, 2005, 2006, 2009, 2010, 2011, 3000, 3011, 3012, 3013, 3015, 3021, 3023, 1000, 1001, 2002, 2003, 2006, 2007, 2009, 2010, 2011, 1027, 1052, 1054, 1056, 1063, 1070, 1072, 1073, 1077, 1078, 1079, 1080, 6047, 6048, 6059, 6060, 1005, 1010, 1011, 2017, 2018, 1027, 1074, 1076, 1077, 2014, 2015, 3002, 1081, 2000, 2010, 4024, 4026, 4027, 4032, 4033, 4035, 4036, 4037, 4041, 4042, 4043, 4052, 4053, 5019, 3027, 3028, 3029, 3030, 3033, 3036, 3037, 4014, 4015, 4016, 4017, 4028, 4030, 4031, 4032, 4998, 1019, 1020, 1025, 1026, 1027, 1029, 1033, 1034, 1036, 1038, 1039, 1040, 1041, 2001, 2003, 2004, 2023, 2039, 2040, 2049, 2050, 2052, 2053, 2054, 2055, 3013, 3014, 3015, 3016, 3032, 4005, 4006, 4016, 4024, 4025, 2000, 2001, 2003, 2005, 2006, 2011, 1020, 1999, 1040, 1042, 1043, 1044, 1045, 1046, 1049, 1050, 1052, 1054, 1055, 1067, 1995, 1998, 3019, 3023, 3037, 3070, 3086, 3087, 3088, 4000, 4999

Last Mile Service Area Name: South Canaan PA
Community Name: South Canaan PA
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 3
Total Population : 1,666
Total Number of Households: 696
Total Number of Businesses: 12
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 8

Middle Mile Span Name: New York - Pennsylvania Network Redundant Route via 3 Rural Telephone Companies

Census Blocks in Middle Mile Span: 1019, 3005, 3008, 3009, 3011, 1001, 1002, 1003, 2000, 2002, 2004, 2005, 2006, 2009, 2010, 2011, 3000, 3011, 3012, 3013, 3015, 3021, 3023, 1000, 1001, 2002, 2003, 2006, 2007, 2009, 2010, 2011, 1027, 1052, 1054, 1056, 1063, 1070, 1072, 1073, 1077, 1078, 1079, 1080, 6047, 6048, 6059, 6060, 1005, 1010, 1011, 2017, 2018, 1027, 1074, 1076, 1077, 2014, 2015, 3002, 1081, 2000, 2010, 4024, 4026, 4027, 4032, 4033, 4035, 4036, 4037, 4041, 4042, 4043, 4052, 4053, 5019, 3027, 3028, 3029, 3030, 3033, 3036, 3037, 4014, 4015, 4016, 4017, 4028, 4030, 4031, 4032, 4998, 1019, 1020, 1025, 1026, 1027, 1029, 1033, 1034, 1036, 1038, 1039, 1040, 1041, 2001, 2003, 2004, 2023, 2039, 2040, 2049, 2050, 2052, 2053, 2054, 2055, 3013, 3014, 3015, 3016, 3032, 4005, 4006, 4016, 4024, 4025, 2000, 2001, 2003, 2005, 2006, 2011, 1020, 1999, 1040, 1042, 1043, 1044, 1045, 1046, 1049, 1050, 1052, 1054, 1055, 1067, 1995, 1998, 3019, 3023, 3037, 3070, 3086, 3087, 3088, 4000, 4999

Last Mile Service Area Name: Forest City PA
Community Name: Forest City PA
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

--

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 1
Total Population : 1,855
Total Number of Households: 775
Total Number of Businesses: 197
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 9

Middle Mile Span Name: New York - Pennsylvania Network Redundant Route via 3 Rural Telephone Companies
Census Blocks in Middle Mile Span: 1019, 3005, 3008, 3009, 3011, 1001, 1002, 1003, 2000, 2002, 2004, 2005, 2006, 2009, 2010, 2011, 3000, 3011, 3012, 3013, 3015, 3021, 3023, 1000, 1001, 2002, 2003, 2006, 2007, 2009, 2010, 2011, 1027, 1052, 1054, 1056, 1063, 1070, 1072, 1073, 1077, 1078, 1079, 1080, 6047, 6048, 6059, 6060, 1005, 1010, 1011, 2017, 2018, 1027, 1074, 1076, 1077, 2014, 2015, 3002, 1081, 2000, 2010, 4024, 4026, 4027, 4032, 4033, 4035, 4036, 4037, 4041, 4042, 4043, 4052, 4053, 5019, 3027, 3028, 3029, 3030, 3033, 3036, 3037, 4014, 4015, 4016, 4017, 4028, 4030, 4031, 4032, 4998, 1019, 1020, 1025, 1026, 1027, 1029, 1033, 1034, 1036, 1038, 1039, 1040, 1041, 2001, 2003, 2004, 2023, 2039, 2040, 2049, 2050, 2052, 2053, 2054, 2055, 3013, 3014, 3015, 3016, 3032, 4005, 4006, 4016, 4024, 4025, 2000, 2001, 2003, 2005, 2006, 2011, 1020, 1999, 1040, 1042, 1043, 1044, 1045, 1046, 1049, 1050, 1052, 1054, 1055, 1067, 1995, 1998, 3019, 3023, 3037, 3070, 3086, 3087, 3088, 4000, 4999
Last Mile Service Area Name: Hancock NY
Community Name: Hancock NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
--



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 2
Total Population : 1,189
Total Number of Households: 497
Total Number of Businesses: 195
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 5

Middle Mile Span Name: Adirondack Connect - North Country Fiber Backbone
(Massena to Plattsburgh)
Census Blocks in Middle Mile Span: 4030, 4034, 6039, 1022, 1029, 2043, 3002, 4055, 2020, 3012, 3013, 3014, 3020, 3030, 1005, 2001, 4002, 4003, 4005, 4042, 2006, 3030, 1012, 3005, 3005, 1059, 3000, 5015, 6030, 6034, 6035, 6037, 6048, 6049, 6051, 6052, 6060, 6063, 6065, 6068, 6069, 1016
Last Mile Service Area Name: Dannemora NY
Community Name: Dannemora NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 1
Total Population : 4,129
Total Number of Households: 1,726
Total Number of Businesses: 48
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 2

Middle Mile Span Name: Adirondack Connect - North Country Fiber Backbone
(Massena to Plattsburgh)
Census Blocks in Middle Mile Span: 4030, 4034, 6039, 1022, 1029, 2043, 3002, 4055, 2020, 3012, 3013, 3014, 3020, 3030, 1005, 2001, 4002, 4003, 4005, 4042, 2006, 3030, 1012, 3005, 3005, 1059, 3000, 5015, 6030, 6034, 6035, 6037, 6048, 6049, 6051, 6052, 6060, 6063, 6065, 6068, 6069, 1016
Last Mile Service Area Name: Lyon Mountain NY
Community Name: Lyon Mountain NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 69
Total Population : 458
Total Number of Households: 191
Total Number of Businesses: 18
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 1

Middle Mile Span Name: Adirondack Connect - North Country Fiber Backbone
(Massena to Plattsburgh)
Census Blocks in Middle Mile Span: 4030, 4034, 6039, 1022, 1029, 2043, 3002, 4055, 2020, 3012, 3013, 3014, 3020, 3030, 1005, 2001, 4002, 4003, 4005, 4042, 2006, 3030, 1012, 3005, 3005, 1059, 3000, 5015, 6030, 6034, 6035, 6037, 6048, 6049, 6051, 6052, 6060, 6063, 6065, 6068, 6069, 1016
Last Mile Service Area Name: Altona NY
Community Name: Altona NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

Total Square Miles of Service Area: 2
Total Population : 1,056
Total Number of Households: 441
Total Number of Businesses: 42
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 1

Middle Mile Span Name: Adirondack Connect - North Country Fiber Backbone
(Massena to Plattsburgh)
Census Blocks in Middle Mile Span: 4030, 4034, 6039, 1022, 1029, 2043, 3002, 4055, 2020, 3012, 3013, 3014, 3020, 3030, 1005, 2001, 4002, 4003, 4005, 4042, 2006, 3030, 1012, 3005, 3005, 1059, 3000, 5015, 6030, 6034, 6035, 6037, 6048, 6049, 6051, 6052, 6060, 6063, 6065, 6068, 6069, 1016
Last Mile Service Area Name: Malone NY
Community Name: Malone NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
 No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
 No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
 No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
 No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 3
Total Population : 6,075
Total Number of Households: 2,539
Total Number of Businesses: 645
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 3

Middle Mile Span Name: Southern Tier East Fiber Backbone Community Network
Census Blocks in Middle Mile Span: 1003, 1020, 1022, 2018, 2021, 2024, 2002, 1040, 1041, 1048, 2015, 2021, 2029, 3014, 2105, 1013, 1016, 1017, 2004, 2005, 2071, 2074, 2075, 1039, 1049, 1051, 1059, 1063, 1064, 1065, 1066, 1069, 1070, 1071, 1128, 2024, 2025, 2026, 2027, 2028, 2040, 3009, 3020, 3029, 3030, 3031, 3095, 3095, 3096, 3101, 3103, 3104, 3105, 3108, 3111, 3112, 3118, 3119, 3999, 1000, 1031, 1032, 1033, 1034, 1035, 1040, 1041, 1042, 1043, 1044, 1045, 1056, 1075, 2014, 2018, 2019, 2029, 2034, 2038, 2042, 3003, 3015, 3016, 3017, 3025, 3027, 3038, 4065, 5016, 5052, 7001, 7002, 7005, 7006, 2024, 2029, 2031, 2047
Last Mile Service Area Name: Middleburgh NY
Community Name: Middleburgh NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 1
Total Population : 1,398
Total Number of Households: 584
Total Number of Businesses: 252
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 7

Middle Mile Span Name: Southern Tier East Fiber Backbone Community Network
Census Blocks in Middle Mile Span: 1003, 1020, 1022, 2018, 2021, 2024, 2002, 1040, 1041, 1048, 2015, 2021, 2029, 3014, 2105, 1013, 1016, 1017, 2004, 2005, 2071, 2074, 2075, 1039, 1049, 1051, 1059, 1063, 1064, 1065, 1066, 1069, 1070, 1071, 1128, 2024, 2025, 2026, 2027, 2028, 2040, 3009, 3020, 3029, 3030, 3031, 3095, 3095, 3096, 3101, 3103, 3104, 3105, 3108, 3111, 3112, 3118, 3119, 3999, 1000, 1031, 1032, 1033, 1034, 1035, 1040, 1041, 1042, 1043, 1044, 1045, 1056, 1075, 2014, 2018, 2019, 2029, 2034, 2038, 2042, 3003, 3015, 3016, 3017, 3025, 3027, 3038, 4065, 5016, 5052, 7001, 7002, 7005, 7006, 2024, 2029, 2031, 2047
Last Mile Service Area Name: Cobleskill NY
Community Name: Cobleskill NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 3
Total Population : 4,533
Total Number of Households: 1,895
Total Number of Businesses: 454
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 16

Middle Mile Span Name: Southern Tier East Fiber Backbone Community Network
Census Blocks in Middle Mile Span: 1003, 1020, 1022, 2018, 2021, 2024, 2002, 1040, 1041, 1048, 2015, 2021, 2029, 3014, 2105, 1013, 1016, 1017, 2004, 2005, 2071, 2074, 2075, 1039, 1049, 1051, 1059, 1063, 1064, 1065, 1066, 1069, 1070, 1071, 1128, 2024, 2025, 2026, 2027, 2028, 2040, 3009, 3020, 3029, 3030, 3031, 3095, 3095, 3096, 3101, 3103, 3104, 3105, 3108, 3111, 3112, 3118, 3119, 3999, 1000, 1031, 1032, 1033, 1034, 1035, 1040, 1041, 1042, 1043, 1044, 1045, 1056, 1075, 2014, 2018, 2019, 2029, 2034, 2038, 2042, 3003, 3015, 3016, 3017, 3025, 3027, 3038, 4065, 5016, 5052, 7001, 7002, 7005, 7006, 2024, 2029, 2031, 2047
Last Mile Service Area Name: Oneonta NY
Community Name: Oneonta NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 3
Total Population : 13,292
Total Number of Households: 5,557
Total Number of Businesses: 1,224
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 21

Middle Mile Span Name: Southern Tier East Fiber Backbone Community Network
Census Blocks in Middle Mile Span: 1003, 1020, 1022, 2018, 2021, 2024, 2002, 1040, 1041, 1048, 2015, 2021, 2029, 3014, 2105, 1013, 1016, 1017, 2004, 2005, 2071, 2074, 2075, 1039, 1049, 1051, 1059, 1063, 1064, 1065, 1066, 1069, 1070, 1071, 1128, 2024, 2025, 2026, 2027, 2028, 2040, 3009, 3020, 3029, 3030, 3031, 3095, 3095, 3096, 3101, 3103, 3104, 3105, 3108, 3111, 3112, 3118, 3119, 3999, 1000, 1031, 1032, 1033, 1034, 1035, 1040, 1041, 1042, 1043, 1044, 1045, 1056, 1075, 2014, 2018, 2019, 2029, 2034, 2038, 2042, 3003, 3015, 3016, 3017, 3025, 3027, 3038, 4065, 5016, 5052, 7001, 7002, 7005, 7006, 2024, 2029, 2031, 2047
Last Mile Service Area Name: Cooperstown NY
Community Name: Cooperstown NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 2
Total Population : 2,032
Total Number of Households: 849
Total Number of Businesses: 498
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 15

Middle Mile Span Name: Southern Tier East Fiber Backbone Community Network
Census Blocks in Middle Mile Span: 1003, 1020, 1022, 2018, 2021, 2024, 2002, 1040, 1041, 1048, 2015, 2021, 2029, 3014, 2105, 1013, 1016, 1017, 2004, 2005, 2071, 2074, 2075, 1039, 1049, 1051, 1059, 1063, 1064, 1065, 1066, 1069, 1070, 1071, 1128, 2024, 2025, 2026, 2027, 2028, 2040, 3009, 3020, 3029, 3030, 3031, 3095, 3095, 3096, 3101, 3103, 3104, 3105, 3108, 3111, 3112, 3118, 3119, 3999, 1000, 1031, 1032, 1033, 1034, 1035, 1040, 1041, 1042, 1043, 1044, 1045, 1056, 1075, 2014, 2018, 2019, 2029, 2034, 2038, 2042, 3003, 3015, 3016, 3017, 3025, 3027, 3038, 4065, 5016, 5052, 7001, 7002, 7005, 7006, 2024, 2029, 2031, 2047
Last Mile Service Area Name: Hamilton NY
Community Name: Hamilton NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 2
Total Population : 3,509
Total Number of Households: 1,467
Total Number of Businesses: 254
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 4

Middle Mile Span Name: Southern Tier East Fiber Backbone Community Network
Census Blocks in Middle Mile Span: 1003, 1020, 1022, 2018, 2021, 2024, 2002, 1040, 1041, 1048, 2015, 2021, 2029, 3014, 2105, 1013, 1016, 1017, 2004, 2005, 2071, 2074, 2075, 1039, 1049, 1051, 1059, 1063, 1064, 1065, 1066, 1069, 1070, 1071, 1128, 2024, 2025, 2026, 2027, 2028, 2040, 3009, 3020, 3029, 3030, 3031, 3095, 3095, 3096, 3101, 3103, 3104, 3105, 3108, 3111, 3112, 3118, 3119, 3999, 1000, 1031, 1032, 1033, 1034, 1035, 1040, 1041, 1042, 1043, 1044, 1045, 1056, 1075, 2014, 2018, 2019, 2029, 2034, 2038, 2042, 3003, 3015, 3016, 3017, 3025, 3027, 3038, 4065, 5016, 5052, 7001, 7002, 7005, 7006, 2024, 2029, 2031, 2047
Last Mile Service Area Name: Morrisville NY
Community Name: Morrisville NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 1
Total Population : 2,148
Total Number of Households: 898
Total Number of Businesses: 102
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 4

Middle Mile Span Name: Southern Tier East Fiber Backbone Community Network
Census Blocks in Middle Mile Span: 1003, 1020, 1022, 2018, 2021, 2024, 2002, 1040, 1041, 1048, 2015, 2021, 2029, 3014, 2105, 1013, 1016, 1017, 2004, 2005, 2071, 2074, 2075, 1039, 1049, 1051, 1059, 1063, 1064, 1065, 1066, 1069, 1070, 1071, 1128, 2024, 2025, 2026, 2027, 2028, 2040, 3009, 3020, 3029, 3030, 3031, 3095, 3095, 3096, 3101, 3103, 3104, 3105, 3108, 3111, 3112, 3118, 3119, 3999, 1000, 1031, 1032, 1033, 1034, 1035, 1040, 1041, 1042, 1043, 1044, 1045, 1056, 1075, 2014, 2018, 2019, 2029, 2034, 2038, 2042, 3003, 3015, 3016, 3017, 3025, 3027, 3038, 4065, 5016, 5052, 7001, 7002, 7005, 7006, 2024, 2029, 2031, 2047
Last Mile Service Area Name: Cazenovia NY
Community Name: Cazenovia NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 2
Total Population : 2,614
Total Number of Households: 1,092
Total Number of Businesses: 491
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 11

Middle Mile Span Name: Southern Tier East Fiber Backbone Community Network
Census Blocks in Middle Mile Span: 1003, 1020, 1022, 2018, 2021, 2024, 2002, 1040, 1041, 1048, 2015, 2021, 2029, 3014, 2105, 1013, 1016, 1017, 2004, 2005, 2071, 2074, 2075, 1039, 1049, 1051, 1059, 1063, 1064, 1065, 1066, 1069, 1070, 1071, 1128, 2024, 2025, 2026, 2027, 2028, 2040, 3009, 3020, 3029, 3030, 3031, 3095, 3095, 3096, 3101, 3103, 3104, 3105, 3108, 3111, 3112, 3118, 3119, 3999, 1000, 1031, 1032, 1033, 1034, 1035, 1040, 1041, 1042, 1043, 1044, 1045, 1056, 1075, 2014, 2018, 2019, 2029, 2034, 2038, 2042, 3003, 3015, 3016, 3017, 3025, 3027, 3038, 4065, 5016, 5052, 7001, 7002, 7005, 7006, 2024, 2029, 2031, 2047
Last Mile Service Area Name: Cortland NY
Community Name: Cortland NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 4
Total Population : 18,740
Total Number of Households: 7,835
Total Number of Businesses: 1,449
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 7

Middle Mile Span Name: Southern Tier East Fiber Backbone Community Network
Census Blocks in Middle Mile Span: 1003, 1020, 1022, 2018, 2021, 2024, 2002, 1040, 1041, 1048, 2015, 2021, 2029, 3014, 2105, 1013, 1016, 1017, 2004, 2005, 2071, 2074, 2075, 1039, 1049, 1051, 1059, 1063, 1064, 1065, 1066, 1069, 1070, 1071, 1128, 2024, 2025, 2026, 2027, 2028, 2040, 3009, 3020, 3029, 3030, 3031, 3095, 3095, 3096, 3101, 3103, 3104, 3105, 3108, 3111, 3112, 3118, 3119, 3999, 1000, 1031, 1032, 1033, 1034, 1035, 1040, 1041, 1042, 1043, 1044, 1045, 1056, 1075, 2014, 2018, 2019, 2029, 2034, 2038, 2042, 3003, 3015, 3016, 3017, 3025, 3027, 3038, 4065, 5016, 5052, 7001, 7002, 7005, 7006, 2024, 2029, 2031, 2047
Last Mile Service Area Name: Dryden NY
Community Name: Dryden NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 2
Total Population : 1,832
Total Number of Households: 765
Total Number of Businesses: 196
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 12

Middle Mile Span Name: Lateral Fiber Links to NYS DOCs Maximum Security Prisons
& Office of Mental Health Facilities

Census Blocks in Middle Mile Span: 1062, 1066, 1077, 1001, 1005, 3001, 3002, 3006, 3007, 3008, 4038, 4045, 4046, 1005, 1007, 1008, 1009, 1036, 1039, 1044, 1045, 1048, 1052, 1077, 1078, 1079, 1080, 2018, 2025, 2034, 2041, 1007, 1020, 1021, 2067, 2068, 1018, 1026, 1043, 1050, 2037, 2051, 2052, 4002, 1005, 1007, 1014, 1016, 1024, 1028, 1029, 1030, 2016, 2017, 3008, 3011, 3012, 3013, 3019, 3036, 3048, 3074, 3075, 4056, 4057, 4060, 4061, 5025, 5026, 5030, 5031, 5037, 5040, 5049, 5052, 5053, 5059, 5061, 2007, 4006, 4009, 4011, 4014, 4021, 3096, 3099, 3100, 3101, 3102, 1003, 3028, 4074

Last Mile Service Area Name: Mineville NY
Community Name: Mineville NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

Total Square Miles of Service Area: 4
Total Population : 1,747
Total Number of Households: 730
Total Number of Businesses: 28
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 2

Middle Mile Span Name: Lateral Fiber Links to NYS DOCs Maximum Security Prisons & Office of Mental Health Facilities

Census Blocks in Middle Mile Span: 1062, 1066, 1077, 1001, 1005, 3001, 3002, 3006, 3007, 3008, 4038, 4045, 4046, 1005, 1007, 1008, 1009, 1036, 1039, 1044, 1045, 1048, 1052, 1077, 1078, 1079, 1080, 2018, 2025, 2034, 2041, 1007, 1020, 1021, 2067, 2068, 1018, 1026, 1043, 1050, 2037, 2051, 2052, 4002, 1005, 1007, 1014, 1016, 1024, 1028, 1029, 1030, 2016, 2017, 3008, 3011, 3012, 3013, 3019, 3036, 3048, 3074, 3075, 4056, 4057, 4060, 4061, 5025, 5026, 5030, 5031, 5037, 5040, 5049, 5052, 5053, 5059, 5061, 2007, 4006, 4009, 4011, 4014, 4021, 3096, 3099, 3100, 3101, 3102, 1003, 3028, 4074

Last Mile Service Area Name: Westport NY
Community Name: Westport NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 58
Total Population : 1,392
Total Number of Households: 581
Total Number of Businesses: 87
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 2

Middle Mile Span Name: Lateral Fiber Links to NYS DOCs Maximum Security Prisons & Office of Mental Health Facilities

Census Blocks in Middle Mile Span: 1062, 1066, 1077, 1001, 1005, 3001, 3002, 3006, 3007, 3008, 4038, 4045, 4046, 1005, 1007, 1008, 1009, 1036, 1039, 1044, 1045, 1048, 1052, 1077, 1078, 1079, 1080, 2018, 2025, 2034, 2041, 1007, 1020, 1021, 2067, 2068, 1018, 1026, 1043, 1050, 2037, 2051, 2052, 4002, 1005, 1007, 1014, 1016, 1024, 1028, 1029, 1030, 2016, 2017, 3008, 3011, 3012, 3013, 3019, 3036, 3048, 3074, 3075, 4056, 4057, 4060, 4061, 5025, 5026, 5030, 5031, 5037, 5040, 5049, 5052, 5053, 5059, 5061, 2007, 4006, 4009, 4011, 4014, 4021, 3096, 3099, 3100, 3101, 3102, 1003, 3028, 4074

Last Mile Service Area Name: Lake Placid NY
Community Name: Lake Placid NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 2
Total Population : 2,638
Total Number of Households: 1,102
Total Number of Businesses: 576
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 15

Middle Mile Span Name: Lateral Fiber Links to NYS DOCs Maximum Security Prisons & Office of Mental Health Facilities

Census Blocks in Middle Mile Span: 1062, 1066, 1077, 1001, 1005, 3001, 3002, 3006, 3007, 3008, 4038, 4045, 4046, 1005, 1007, 1008, 1009, 1036, 1039, 1044, 1045, 1048, 1052, 1077, 1078, 1079, 1080, 2018, 2025, 2034, 2041, 1007, 1020, 1021, 2067, 2068, 1018, 1026, 1043, 1050, 2037, 2051, 2052, 4002, 1005, 1007, 1014, 1016, 1024, 1028, 1029, 1030, 2016, 2017, 3008, 3011, 3012, 3013, 3019, 3036, 3048, 3074, 3075, 4056, 4057, 4060, 4061, 5025, 5026, 5030, 5031, 5037, 5040, 5049, 5052, 5053, 5059, 5061, 2007, 4006, 4009, 4011, 4014, 4021, 3096, 3099, 3100, 3101, 3102, 1003, 3028, 4074

Last Mile Service Area Name: Paul Smiths NY
Community Name: Paul Smiths NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Total Square Miles of Service Area: 2
Total Population : 1,103
Total Number of Households: 461
Total Number of Businesses: 24
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 2

Middle Mile Span Name: Lateral Fiber Links to NYS DOCs Maximum Security Prisons
& Office of Mental Health Facilities

Census Blocks in Middle Mile Span: 1062, 1066, 1077, 1001, 1005, 3001, 3002, 3006, 3007, 3008, 4038, 4045, 4046, 1005, 1007, 1008, 1009, 1036, 1039, 1044, 1045, 1048, 1052, 1077, 1078, 1079, 1080, 2018, 2025, 2034, 2041, 1007, 1020, 1021, 2067, 2068, 1018, 1026, 1043, 1050, 2037, 2051, 2052, 4002, 1005, 1007, 1014, 1016, 1024, 1028, 1029, 1030, 2016, 2017, 3008, 3011, 3012, 3013, 3019, 3036, 3048, 3074, 3075, 4056, 4057, 4060, 4061, 5025, 5026, 5030, 5031, 5037, 5040, 5049, 5052, 5053, 5059, 5061, 2007, 4006, 4009, 4011, 4014, 4021, 3096, 3099, 3100, 3101, 3102, 1003, 3028, 4074

Last Mile Service Area Name: Tupper Lake NY
Community Name: Tupper Lake NY
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

Total Square Miles of Service Area: 2
Total Population : 3,935
Total Number of Households: 1,645
Total Number of Businesses: 271
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 2

Middle Mile Span Name: Southern Tier West Fiber Backbone - Whitesville to Jamestown
Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

2065, 2066, 2067, 2068, 2069, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 5031, 5032, 5033, 5034, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 4028, 4029, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 2036, 4000, 4015, 1025, 1026, 1042, 1044, 1045, 1046, 1047, 1048, 1050, 1055, 1076, 1077, 1999, 2000, 2005, 2036, 3012, 3013, 3014, 3015, 1014, 1015, 1016, 3023, 3030, 3031, 3032, 3042, 3045, 4000, 4001, 4008, 4009, 4034, 4035, 4052, 4053, 1007, 1008, 1026, 1027, 1046, 1047, 1048, 3001, 3004, 3005, 3012, 1032, 2014, 2020, 2028, 2029, 2038, 2040, 2083, 2084, 2085, 2091, 2100, 2102, 2103, 2104, 2105, 2109, 2111, 2112, 2113, 2114, 2116, 2117, 2118, 2119, 2121, 2122, 2181, 1026, 1153, 1157, 1011, 1016, 2017, 2024, 2025, 2032, 2033, 2034, 2037, 4013, 4018, 4023, 4024, 4026, 4027, 4034, 4999, 2019, 2020, 3002, 3003, 3005, 3006, 3008, 3010, 3017, 3018, 3023, 4000, 3001, 4003, 4004, 5004, 5005, 5012, 1060, 1062, 1075, 3020, 4016, 4034, 4036, 4061, 4062, 4075, 4080, 4081, 2022, 4003, 4008, 4009, 4010, 4026, 4030, 4999, 1030, 1035, 1040, 1044, 1069, 1111, 5021, 5023, 5024, 5026, 5028, 5030, 5031, 5032, 5033, 5035, 7009, 8042, 8046, 8072, 8073, 8077, 8078, 8080, 8088, 8089

Last Mile Service Area Name: Jamestown NY
Community Name: Jamestown, NY
Rural Classification of the Community: Rural
BIP – Service Status: Served

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

--

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 9
Total Population : 31,730
Total Number of Households: 15,178
Total Number of Businesses: 2,130
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

Middle Mile Span Name: Herkimer and Oneida County Fiber Backbone Network
Census Blocks in Middle Mile Span: 1018, 2012, 4014, 4016, 4017, 2004, 2008, 2009, 2010, 2011, 2015, 2016, 2024, 2032, 2033, 2035, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9009, 9010, 9011, 9012, 9017, 9022, 9032, 9033, 9034, 1001, 2000, 1003, 1027, 1995, 2005, 9001, 9002, 9012, 9013, 9014, 9015, 9023, 9024, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3998, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 2000, 2001, 2002, 2003, 2004, 2005, 2006,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 3000, 3001, 3002, 3003, 3004, 3005, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 3005, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 1000, 1001, 1002, 1003, 1004, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 4000, 4001, 4002, 4003, 4004, 4005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9995, 9996, 9997, 9998, 9999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2998, 2999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 1072, 1074, 1086, 9999, 1000, 1001, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 6008, 6009, 6010, 6011, 6012, 6013, 7000, 7001, 7002, 7003, 7004, 7005, 7007, 7008, 7009, 7010, 7011, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3037, 3038, 3039, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9038, 3010, 3011, 3012, 3013, 3014, 3015, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3031, 3997, 3998, 3999, 9028, 9036, 9037, 9038, 9039, 9999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9999, 9999, 1056, 1062, 1063, 2012, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1025, 1998, 1999, 2003, 2009, 2010, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 9000, 9001, 9002, 9003, 9004, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9028, 9029, 9030, 9031, 9032, 9033, 9034, 9035, 9036, 9037, 9038, 9039, 9040, 9041, 9042, 9043, 9044, 9045, 9046, 9047, 9048, 9049, 9050, 9051, 9052, 9053, 9054, 9055, 9056, 9057, 9058, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 5001, 5002, 5003, 5004, 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 9000, 9001, 9002, 9003, 9006, 9007, 9008, 9009, 9010, 9011, 9014, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1014, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 3003, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3021, 3022, 3052, 3053, 3054, 3055, 3056, 9001

Last Mile Service Area Name: Rome NY
Community Name: Rome NY
Rural Classification of the Community: Rural
BIP – Service Status: Served

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 8
Total Population : 34,950
Total Number of Households: 13,653
Total Number of Businesses: 1,755
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

Middle Mile Span Name: New York Vermont Western New Hampshire Network
Connectivity

Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 4028, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 3000, 3001, 3002, 3003, 3004, 3005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 5999, 2999, 3009, 4017, 1008, 1009, 1013, 1017, 1021, 2017, 2018, 5000, 5001, 5004, 1011, 1013, 3014, 1019, 1020, 1029, 1030, 3035, 3040, 6057, 6062, 6116, 6117, 6118, 3023, 3042, 3047, 3049, 4007, 1012, 2008, 2026, 4024, 6009, 6012, 6013, 6019, 1015, 1018, 1019, 2002, 2014, 2040, 2042, 2046, 2047, 2052, 2053, 3028, 6004, 6005, 1001, 1002, 1053, 4000, 4067, 4068, 4069, 1007, 1029, 1030, 2007, 2038

Last Mile Service Area Name: Rutland VT
Community Name: Rutland VT
Rural Classification of the Community: Rural
BIP – Service Status: Served

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
--

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 8
Total Population : 17,292
Total Number of Households: 7,229
Total Number of Businesses: 1,938
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 20

Middle Mile Span Name: Adirondack Connect - North Country Fiber Backbone
(Massena to Plattsburgh)
Census Blocks in Middle Mile Span: 4030, 4034, 6039, 1022, 1029, 2043, 3002, 4055, 2020, 3012, 3013, 3014, 3020, 3030, 1005, 2001, 4002, 4003, 4005, 4042, 2006, 3030, 1012, 3005, 3005, 1059, 3000, 5015, 6030, 6034, 6035, 6037, 6048, 6049, 6051, 6052, 6060, 6063, 6065, 6068, 6069, 1016
Last Mile Service Area Name: Plattsburgh NY
Community Name: Plattsburgh NY
Rural Classification of the Community: Rural
BIP – Service Status: Served



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 5
Total Population : 18,816
Total Number of Households: 7,866
Total Number of Businesses: 1,976
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 20

Middle Mile Span Name: New York Vermont Western New Hampshire Network
Connectivity

Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 4019, 4020, 4021, 4022, 4023, 4024, 4025, 4026, 4027, 4028, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 3000, 3001, 3002, 3003, 3004, 3005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 2000, 2001, 2002, 2003, 2004, 2005, 3000, 3001, 3002, 3003, 3004, 3005, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 5999, 2999, 3009, 4017, 1008, 1009, 1013, 1017, 1021, 2017, 2018, 5000, 5001, 5004, 1011, 1013, 3014, 1019, 1020, 1029, 1030, 3035, 3040, 6057, 6062, 6116, 6117, 6118, 3023, 3042, 3047, 3049, 4007, 1012, 2008, 2026, 4024, 6009, 6012, 6013, 6019, 1015, 1018, 1019, 2002, 2014, 2040, 2042, 2046, 2047, 2052, 2053, 3028, 6004, 6005, 1001, 1002, 1053, 4000, 4067, 4068, 4069, 1007, 1029, 1030, 2007, 2038

Last Mile Service Area Name: Burlington VT
Community Name: Burlington VT
Rural Classification of the Community: Rural
BIP – Service Status: Served

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 11
Total Population : 38,889
Total Number of Households: 16,225
Total Number of Businesses: 2,728
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 74

Middle Mile Span Name: Chemung and Steuben County Fiber



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

Census Blocks in Middle Mile Span: 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 1000, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4017, 4018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3998, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3998, 3999, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 3000, 3001, 3002, 3003, 3004, 3005, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3999, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 4011, 4012, 4013, 4014, 4015, 4999, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011,



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM		Easygrants ID: 2063	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ION Hold Co.,LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Joe Calzone	

2012, 2013, 2014, 2015, 2016, 2017, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 4000, 4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4009, 4010, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 1002, 1052, 1059, 2063, 3041, 4013, 4014, 4016, 4017, 4048, 4049, 4055, 4056, 5038, 4012, 4015, 4037, 5030, 4007, 4008, 4016, 2000, 2040, 2044, 6018, 6104, 1008, 1009, 1019, 1021, 2004, 2009, 3018, 3019, 5025, 5026, 6019, 6020, 6021, 7003, 7004, 7005, 7035, 7036, 7039, 7042, 3998, 1004, 1005, 1006, 1007, 1016, 1017, 1018, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1997, 1006, 1007, 1008, 1009, 1010, 1011, 1023, 2000, 2001, 2002, 2005, 3000, 3001, 3002, 3003, 3007, 4002, 4003, 4004, 4005, 4007, 4010, 4013, 4014, 1030, 1031, 1051, 1053, 1056, 1057, 1064, 1066, 1068, 1070, 1075, 1076, 1077, 1999, 1006, 2008, 2009

Last Mile Service Area Name: Elmira NY
Community Name: Elmira NY
Rural Classification of the Community: Rural
BIP – Service Status: Served

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 7
Total Population : 30,940
Total Number of Households: 11,475
Total Number of Businesses: 1,997
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 26



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

Uploads

The following pages contain the following uploads provided by the applicant:

Upload Name
04) Q-20. Attachment B - Middle Mile Offerings
05) Q-21. Attachment C - Competitor Tables
06) Q-26. Cost per Household
06) Q-26. Cost per Household
07) Q-27. Affordability
07) Q-27. Affordability
08) Q-30. Network Diagram



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

08) Q-30. Network Diagram
09) Q-31. Attachment D - Engineer Certification*
10) Q-34. Attachment E - Build-Out Timeline
10) Q-34. Attachment E - Build-Out Timeline



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

10) Q-34. Attachment E - Build-Out Timeline
10) Q-34. Attachment E - Build-Out Timeline
11) Q-37. Management Team Resumes
12) Q-39. Organization Chart
12) Q-39. Organization Chart
13) Q-40. Attachment F - Legal Opinion*
13) Q-40. Attachment F - Legal Opinion*
14) Q-41. Government and Other Key Partnerships
15) Q-44. JOINT APPS ONLY: Additional Budget



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

16) Q-45. Attachment G - Detailed Project Cost
17) Q-47. Historical Financial Statements
18) Q-48. Attachment H - Subscriber Estimates
19) Q-49.Attachment I - Projects, Rates - Voice
20) Q-49.Attachment J - Projects, Rates - Video**
21) Q-50. Attachment K - Income Statement
22) Q-50. Attachment L - Balance Sheet
23) Q-50. Attachment M - Statement of Cash Flows
24) Q-50. Financial Assumptions
24) Q-50. Financial Assumptions
24) Q-50. Financial Assumptions
25) BTOP ONLY Authentication*



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

26) Pg-22. BTOP ONLY Certification Requirements*
27) Pg-23. BTOP ONLY Att. N - Assur-Construction*
27) Pg-23. BTOP ONLY Att. N - Assur-Construction*
28) Pg-24. BTOP ONLY Attachment O - Lobbying*
28) Pg-24. BTOP ONLY Attachment O - Lobbying*
29) Pg-25. BTOP ONLY Attachment P - Disclosure*
29) Pg-25. BTOP ONLY Attachment P - Disclosure*
30) Pg-26. BTOP ONLY Attachment Q - Lobbying*
30) Pg-26. BTOP ONLY Attachment Q - Lobbying*
31) Pg-27. BIP ONLY Equal Opportunity*
31) Pg-27. BIP ONLY Equal Opportunity*
32) Pg-28. BIP ONLY Architectural Barriers*
32) Pg-28. BIP ONLY Architectural Barriers*



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

33) Pg-29. BIP ONLY Relocation and Real Property*
33) Pg-29. BIP ONLY Relocation and Real Property*
34) Pg-30. BIP ONLY Debarment and Suspension*
34) Pg-30. BIP ONLY Debarment and Suspension*
35) Pg-31. BIP ONLY Lobbying Certification*
35) Pg-31. BIP ONLY Lobbying Certification*
43) Supplemental Information 1



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

43) Supplemental Information 1
44) Supplemental Information 2
45) Supplemental Information 3
45) Supplemental Information 3



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/20/2009 2:52:26 PM	Easygrants ID: 2063
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ION Hold Co.,LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Joe Calzone

45) Supplemental Information 3
45) Supplemental Information 3
45) Supplemental Information 3

To preserve the integrity of the uploaded document, headers, footers and page numbers have not been added by the system