

# Remarks to Broadband Post-Awards Workshop

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## Culture Gap Between Consumers and Government

Presidential Action Day One to Instill Greater Focus on Openness

"There's an app for that"

"There's a form for that"





"My Administration is committed to creating an unprecedented level of openness in Government...and establish a system of transparency, public participation, and collaboration."

—President Barack Obama, Jan 21st, 2009

## In Service to the Applicant – "Pushing" Updates

#### Dramatic Improvement in Website Rankings Following Redesign



"In the next 90 days,
USCIS will launch a vastly
improved Web site that
will, for the first time ever,
allow applicants to get
updates on their status of
their applications via email and text message and
online."

–President Barack Obama,June 25, 2009

Agency jumps to 4th on benchmark for best government websites

## President's Strategy for American Innovation

Tech Role in Innovation for Sustainable Growth and Quality Jobs

Open Government Initiative focused on empowering everyday Americans Catalyze
Breakthroughs
for National
Priorities

Smart Grid and Health IT Apps innovation efforts underway

- Unleash a clean energy revolution
- Support advanced vehicle technology
- Drive breakthroughs in health IT
- Address scientific "grand challenges"

Promote Competitive Markets that Spur Productive Entrepreneurship

- Promote American exports
- Support open capital markets that allocate resources to the most promising ideas
- Encourage high-growth and innovation-based entrepreneurship
- Improve public sector innovation and support community innovation

**Invest in the Building Blocks of American Innovation** 

- Restore American leadership in fundamental research
- Educate the next generation with 21st century knowledge and skills; create a world-class workforce
- Build a leading physical infrastructure
- Develop an advanced information technology ecosystem



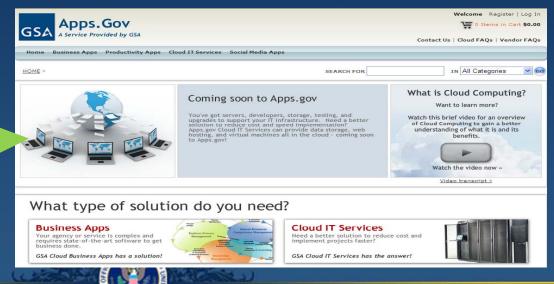
Cloud Computing and Mobility as platforms for growth

### From R&D to Deployment

Cloud +Mobility an Opportunity for Economic Growth, Efficiency

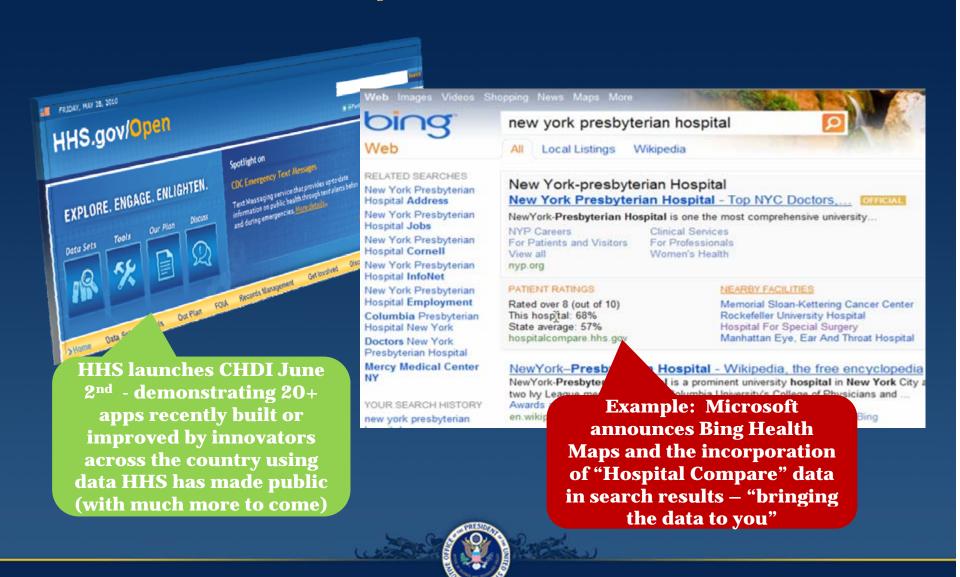


\$15+M in NSF research awards supporting cloud partnerships with Google, Microsoft, Yahoo, IBM, HP, Intel



## Anatomy of an Open Government Ecosystem

HHS Launches Community Health Data Initiative (CHDI)



## Tools to Find Widely Dispersed Knowledge

Scientific Expert Network Matches Micro-Entrepreneurs to Needs

#### **NASA Innovation Pavilion**



Semi-retired radio frequency engineer in rural NH wins \$30,000 for a mathematical model to be used for solar forecasting -579 "project rooms" participated

h provides Solvers the opportunity to enges faced by NASA in achieving its on, scientific discovery, and aeronautics t only benefit space exploration, but may ducts and services in the fields of health portation, public safety, computer

**NASA** contracts with scientific network of 200,000 + experts fromaround the world to procure "frictionless" solutions

Centers Participating in the N. SA Innovation Pavilion

Research Center

Glenn At NASA's Glenn Research Center, in partnership with U.S. industry, universities, and other government institutions, we develop critical systems technologies and capabilities that address national priorities. Our world-class research, technology, and flight hardware legacy are keys to advancing human exploration of our solar system and beyond while developing cutting edge aerospace technology for terrestrial use.



## The Smart Grid Opportunity

Smart Grid ARRA Investments to Help 3,000 Homes this Summer



#### A Commitment to Drive Innovation in Health IT

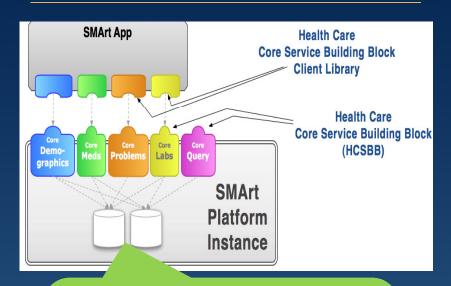
Open Collaborations to Catalyze Breakthroughs in Apps, Exchange

#### NHIN Direct Project in Brief



"A set of policies, standards and services that enable the Internet to be used for secure and meaningful exchange of health information to improve health and health care" – Tech Specs by June, Implementations by October, 2010

#### **SHARP Grantee - SMArt Apps**



Harvard researchers focused on health platforms (like Indivo) to support substitutable apps – prototypes by 2011; aligned with "modular" certification for "meaningful use"

## "From Compliance to Innovation"

#### Delivering Platforms for Educational Innovation Every 90 Days



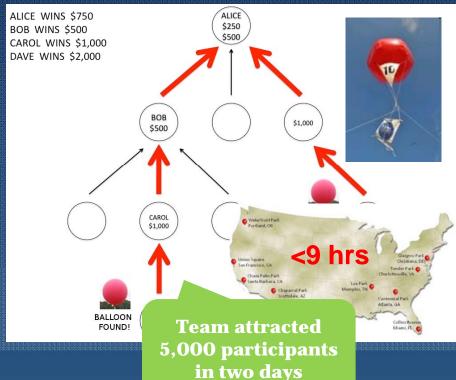
"To meet the President's goals -- to reach the finish line -- we need transformational change. The islands of excellence that now exist in school districts have to become the norm...In a word, America's schools need innovation." - Secretary Arne Duncan, Aug 20, 2009



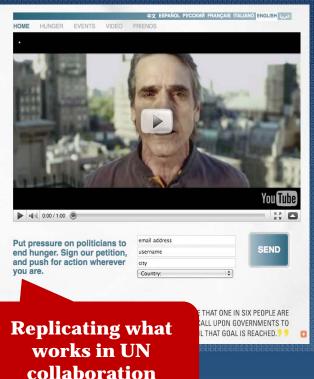
## Putting it Altogether: "Network Challenge" Redux Still Early Days in Unlocking the Value of Collaboration

#### **Innovative Incentive Model...**

# ...Applied to e-Democracy







Source: balloon.mit.edu; networkchallenge.darpa.mil; http://www.1billionhungry.org by MIT Team's Riley Crane, with the United Nations