



Sue Spradley
Executive Director

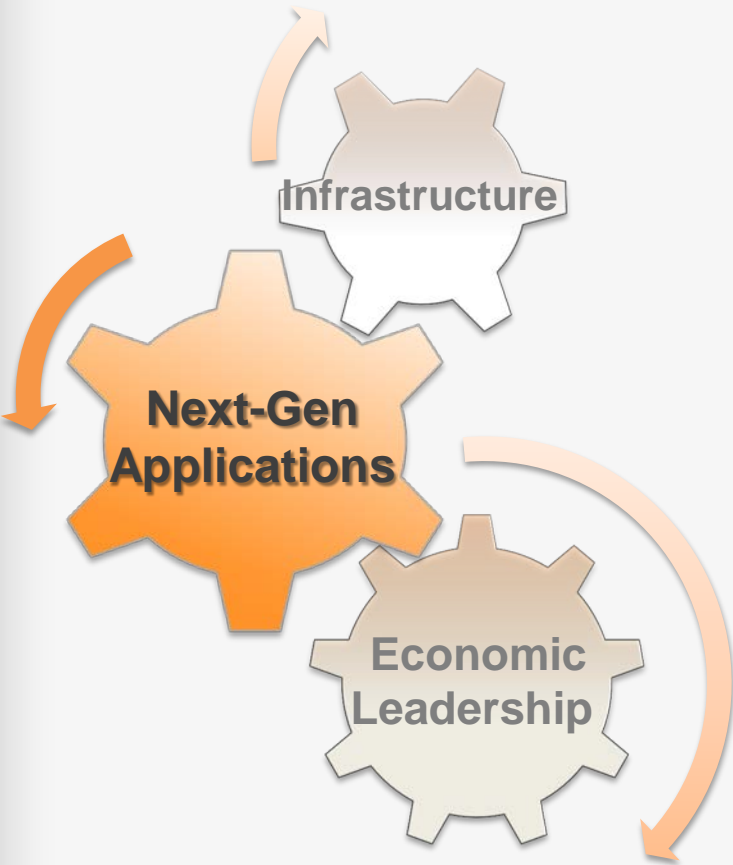
PCAST | 7 Sep 2012



Focused in 6 national priority areas

501(c)(3) **Public-Private Partnership**

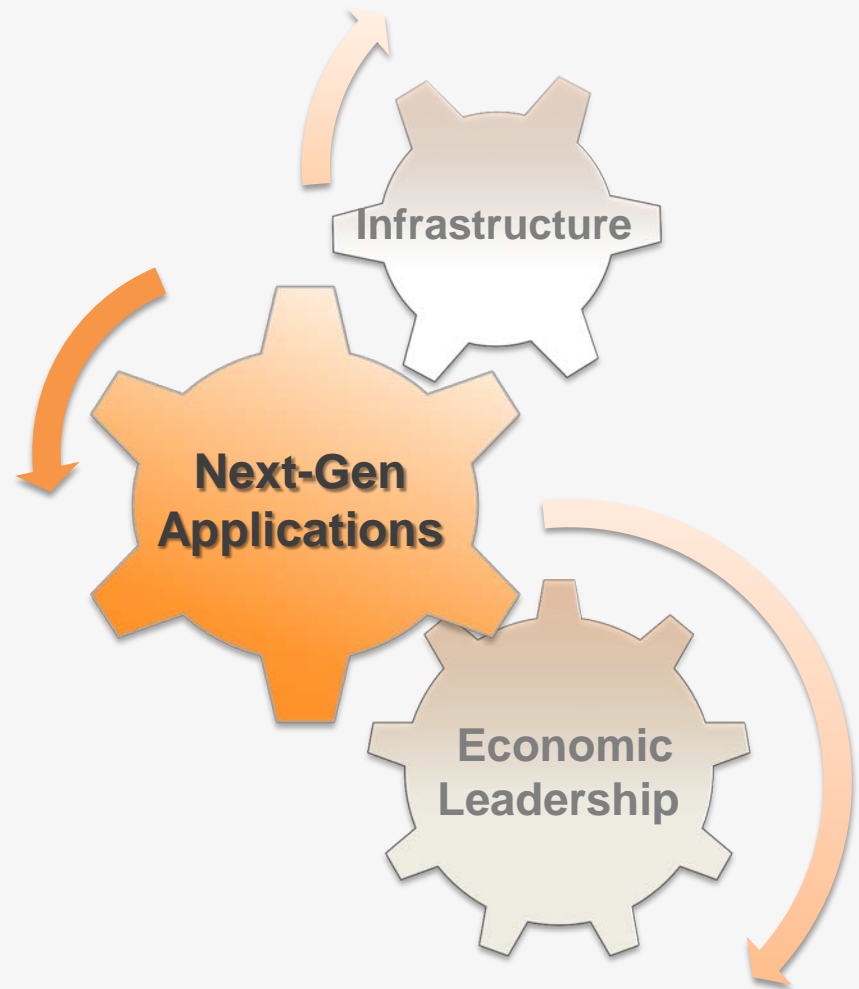
OUR GOALS



- 1** 60 next-generation **applications**
- 2** 200 community **test beds**
- 3** Coordinate & Incubate **Best Practices**

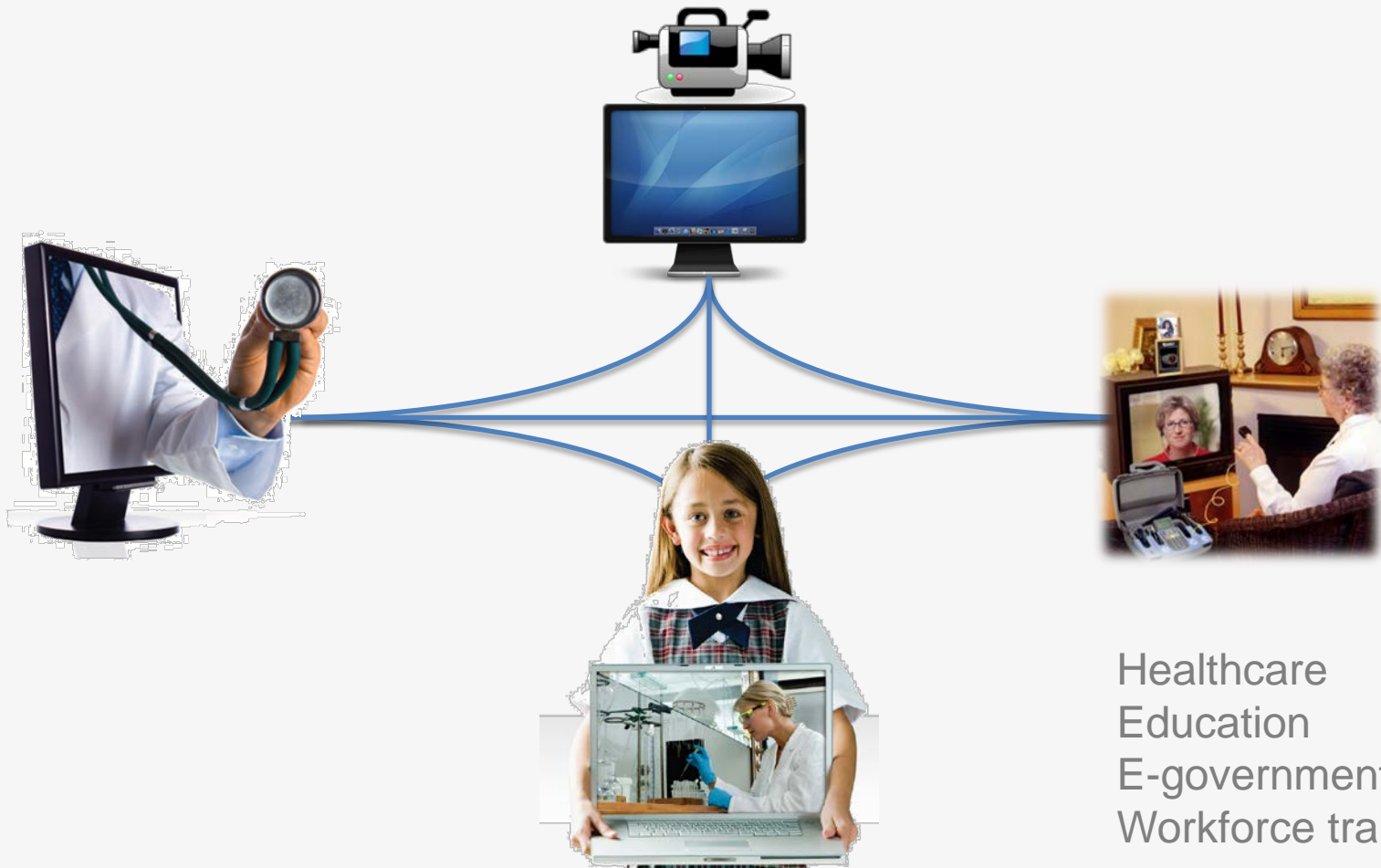
Next-Gen Applications

- Meets needs in a priority area
- Makes something new possible
- Uses advanced infrastructure
- Receives foundation, industry, and/or government support
- Has strong local leadership





Killer App: **Natural Collaboration**



Healthcare
Education
E-government
Workforce training

Next-Gen Infrastructure

- 1** Software defined networks
- 2** Neighborhood Cloud (GENI Racks)
- 3** Gigabit to the end user





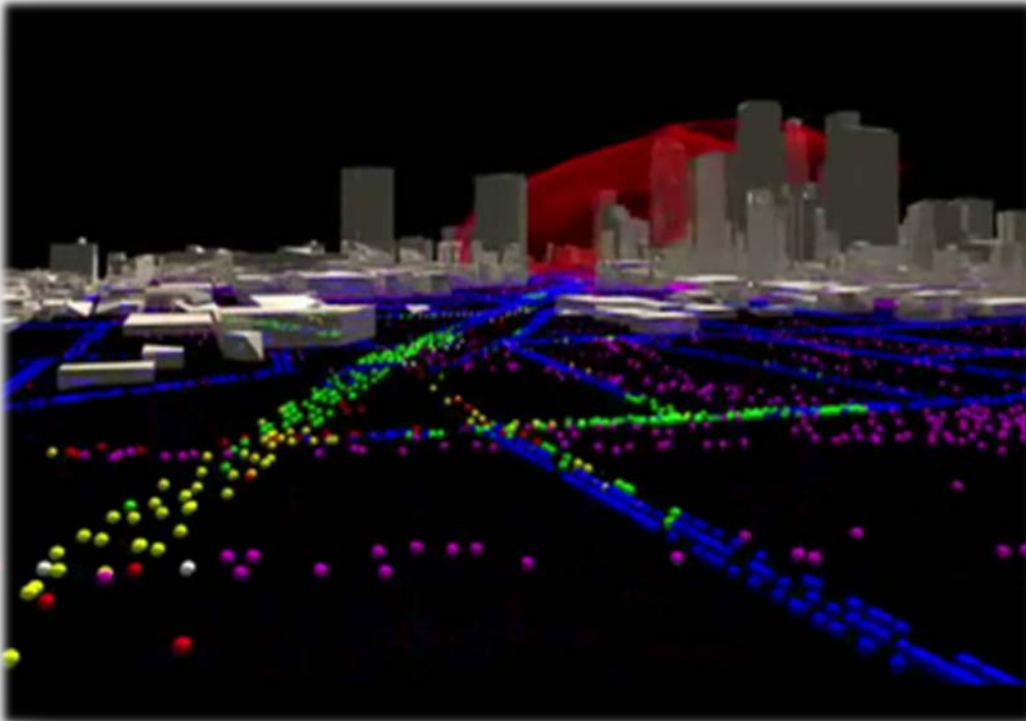
Killer App: “Remote Surgery”



Doctors can “practice” using real patient data prior to surgery

Can be performed remotely, allowing more doctors’ input

Killer App: "SimCenter"

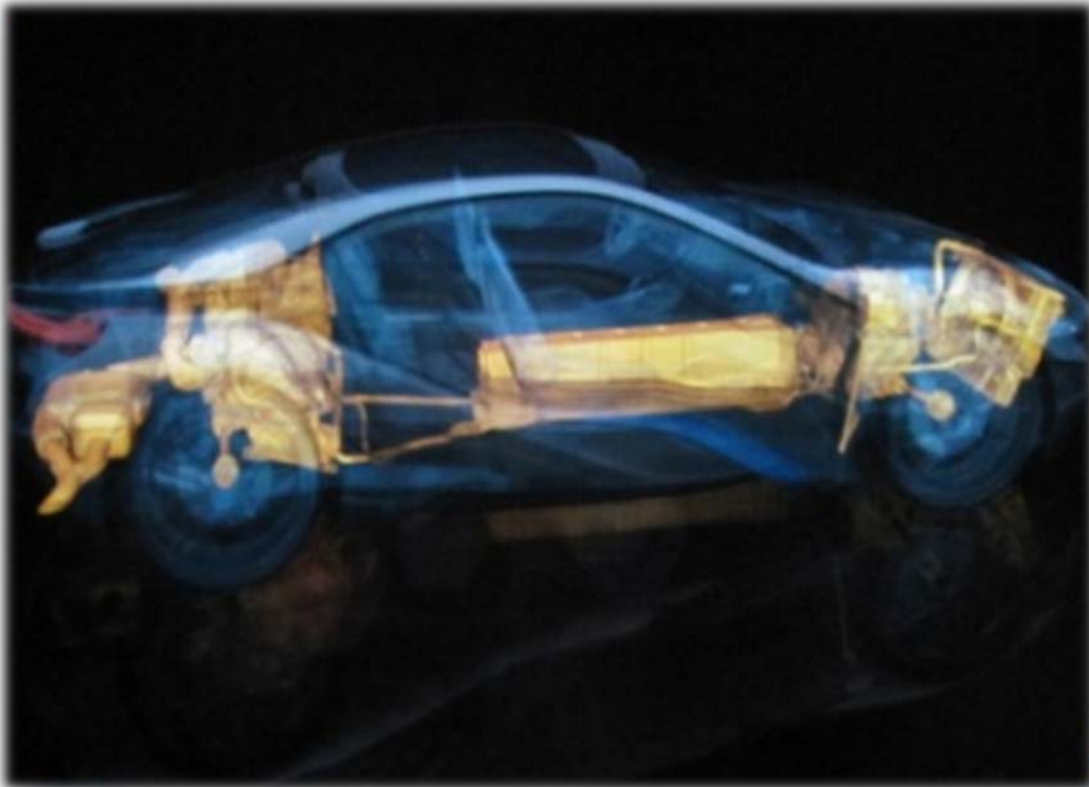


Next-generation emergency response

Millions of municipal data points used to move people and resources in real-time

VIDEO: us-ignite.org/Chattanooga-story

Killer App: "HUBZero"

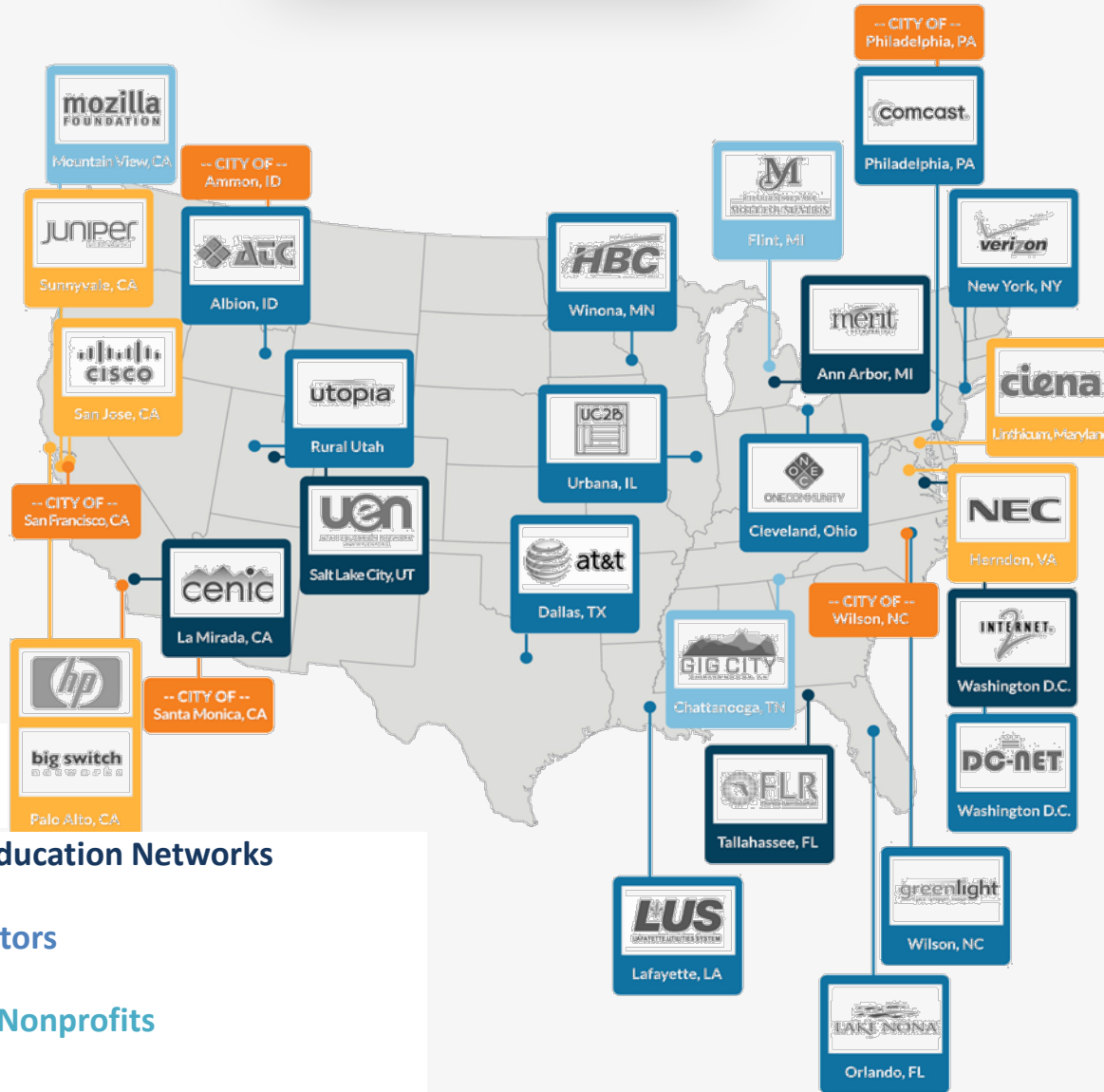


Next-generation manufacturing

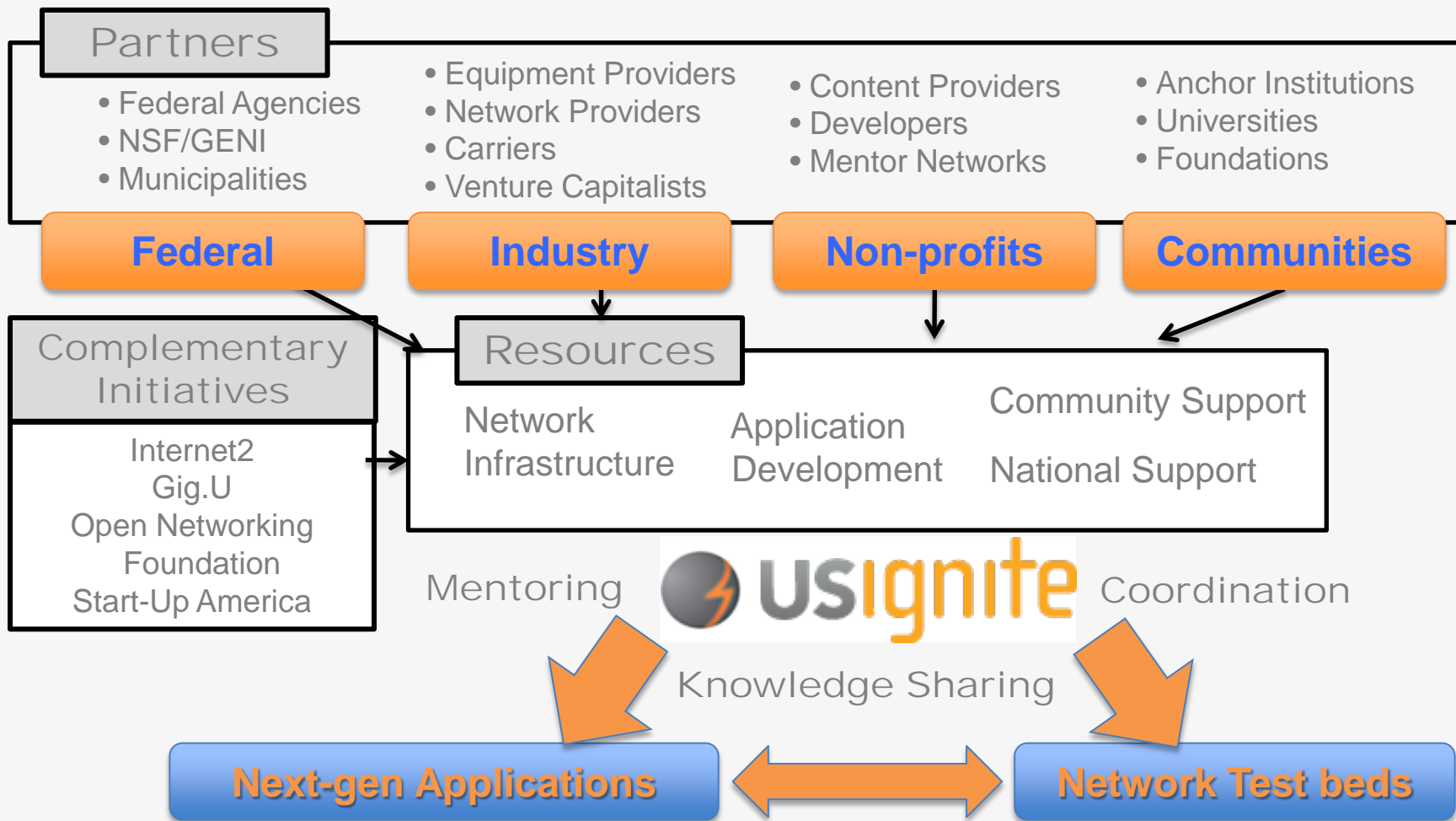
High powered computational modeling

Geographically distributed teams

Founding Partners



-  **Equipment Manufacturers**
-  **Research and Education Networks**
-  **Network Operators**
-  **Foundations & Nonprofits**
-  **Municipalities**



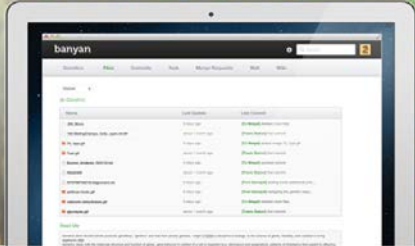


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Banyan is a version control tool for researchers.

Banyan helps researchers work with one another through private, distributed research repositories. We are currently seeking researchers to join our public beta.


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Why should I use Banyan?

 **Private Messaging**

Collaborate with your team privately. Keep communication organized by assigning messages to specific tasks.

 **Share All Files**

Banyan allows you to share any file type. Images? Text? Invent your own file type? No problem.

 **babel sushi**


Welcome to Babel Sushi

Babel Sushi is the first crowd-sourcing language app that allows you to converse in near real-time! It's a fast, seamless, and interactive way to communicate with non-native speakers. Just place your phone on the table or plug in your bluetooth and immediately catch up with friends or hear what other people are talking about!

Record business deals, improve your language skills, or link funny comments to Facebook, Twitter, or Instagram.

Oh yeah, did we mention it's free?

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GIG TANK™

Summer 2012, Chattanooga TN (May - August)

"Public Apps Library"



What if we made advanced tools publicly available through advanced networks?

Calling all

developers, network engineers and community catalysts...

BUILD APPS FROM THE FUTURE



Design and build apps for the faster, smarter internet of the future. Mozilla and the National Science Foundation invite you to take part in an open innovation challenge. The goal: show how next-generation networks can revolutionize healthcare, education, public safety, energy and more.

GET STARTED

or [learn more](#)

Brainstorm

What would **you** do with 1 Gbps?
What apps would you create for deeply programmable networks 250x faster than today?

Hack

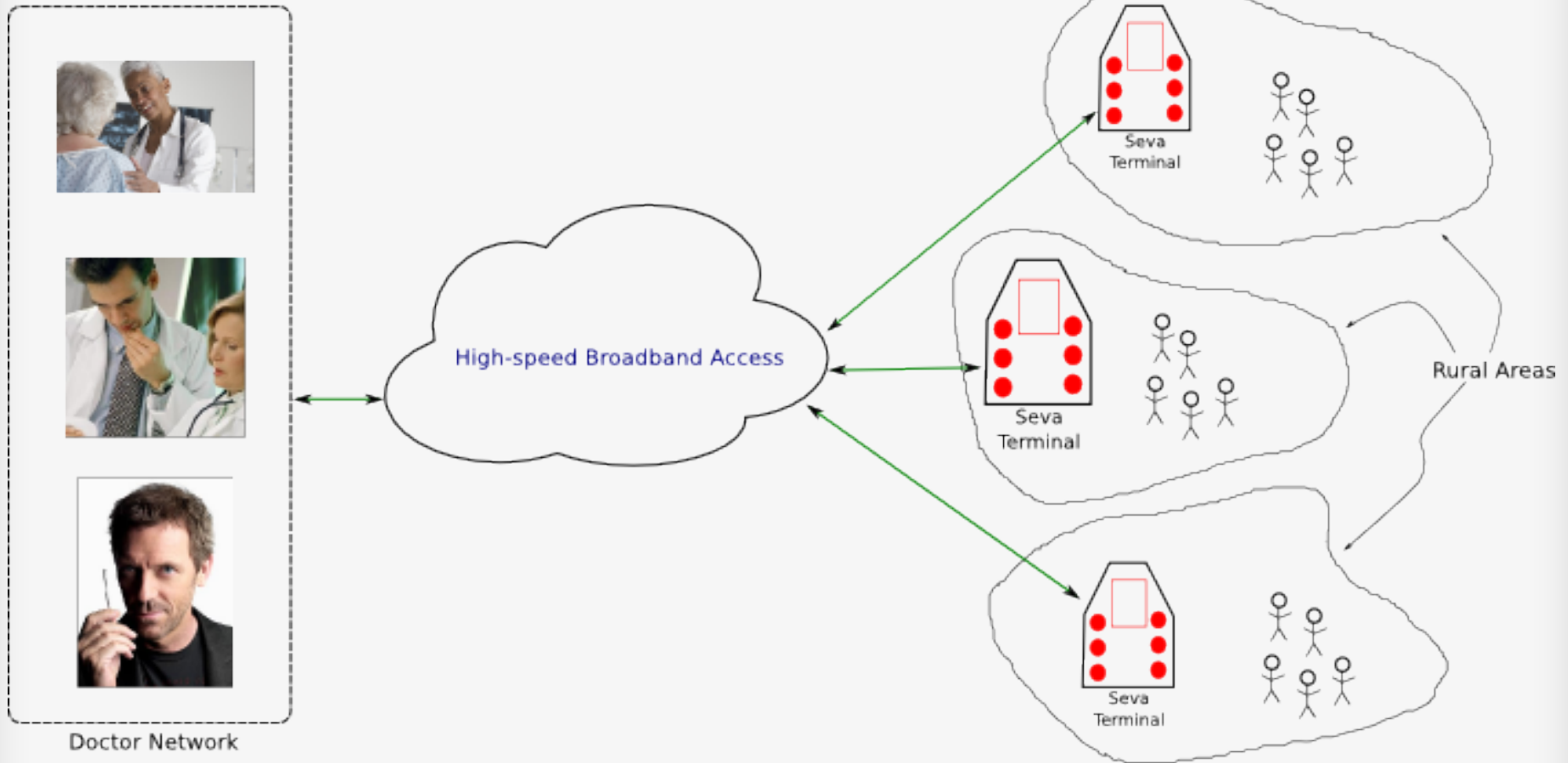
Meet like-minded collaborators at code sprints, design jams and webinars. Gain access to one of the fastest networks on the planet.

Compete

Win funding and support to make your app a reality. **\$500,000 in prizes** available over three rounds.

Mozillaignite.org

Killer App: "SEVA"





Our Team



Sue Spradley



Bill Wallace



Glenn Ricart



Joe Kochan



Jessica Roeder



Jake Brewer



Nicole Levine



KEYS to SUCCESS

Financial Engagement

1/3 government, 1/3 foundation, 1/3 industry

Vocal Community Support

Making US Ignite part of our partners' communications

New Membership

Encouraging peer networks to join the Partnership

OUR VALUE

APPLICATIONS

- New ways to address social challenges
- Provide new revenue models

INFRASTRUCTURE

- Utilize existing investments
- Expand demand for new infrastructure

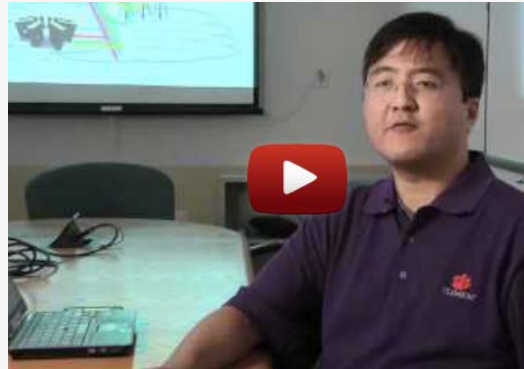
BREAKTHROUGH TECHNOLOGY

- Training the next-generation of “gigabit thinkers” and developers
- Leading edge opportunities for R&D



Follow our progress

Chattanooga: US Ignite



Cleveland: US Ignite



us-ignite.org/city-stories

US-Ignite.org