

Gigabit
Speed
Broadband

Sustainable
Communities

Smarter
Infrastructure

Smart
Technology

Improving the Value Proposition for Community Program Delivery Through Gigabit Speed Broadband

Presenter: Mark Ansboury
mark.ansboury@gigabitsquared.com

GB²
GIGABIT^{SQUARED}

+ Overview

Gigabit Squared is uniquely positioned to capitalize on the tangible private and public sector demand for:

- Delivering gigabit speed broadband network services within select University communities and to select industry groups
- Extend broadband network services to under served markets and rural areas
- Next generation network infrastructure enabling the innovation economy
- Localized high capacity service applications
 - Health, Education, Public Safety and Energy Management



+ Keys to Financial Success

Effective demand aggregation strategy

- Acquire subscribers in large bundles

Minimize deployment costs

- Create strong partnerships

Content and services that build the value of gigabit

- Pricing has to be affordable





Gigabit Squared Differentiators

- Developed a unique partnering process that opens up funding sources and sharing of in-kind assets from governments, businesses, healthcare institutions and others.
- Open platform architecture and open processes designed to foster a service framework that provides:
 - State of the Art Fiber and Wireless Broadband Networks;
 - Open Network Exchange that Facilitates Hyper-Local Connectivity;
 - Cloud based Triple Play (VoIP-IPTV-Broadband);
 - Cloud Based Over-The-Top Community Application Services (e.g., 4th Utility Based Services);
 - Integrated Health Information and Home Health Services; and
 - Community Public Service applications such as Public Safety and Science, Technology, Engineering and Mathematics (STEM) Education.
- A deployment cost model substantially below current Fiber to the Premise Networks

+ The Partnership Opportunity

Currently over 30 States have some form of public-private partnerships (P3s) approved or in process. This confluence of public investment and the need to attract and expand private investment side-by-side, creates an opportunity to develop the next generation of broadband fiber carriers serving both public and private sector needs over a common infrastructure.

- Host of Local, State and Federal government attention, energies and funds dedicated to the build out of broadband infrastructure in underserved and economically strategic areas
- The Aspen Institutes Gig U. project has built a consortium of over 30 university communities promoting private investment in “ultra-high-speed” bandwidth networks and infrastructure to serve as the foundation for economic and academic innovation
- Focus on build out of large scale health information technology networks in major metropolitan markets and statewide regions

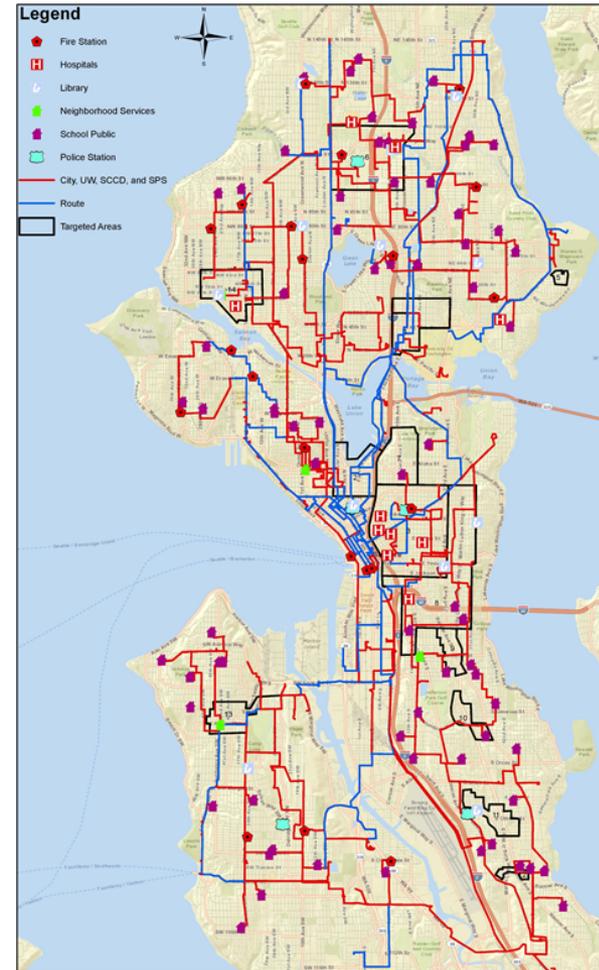
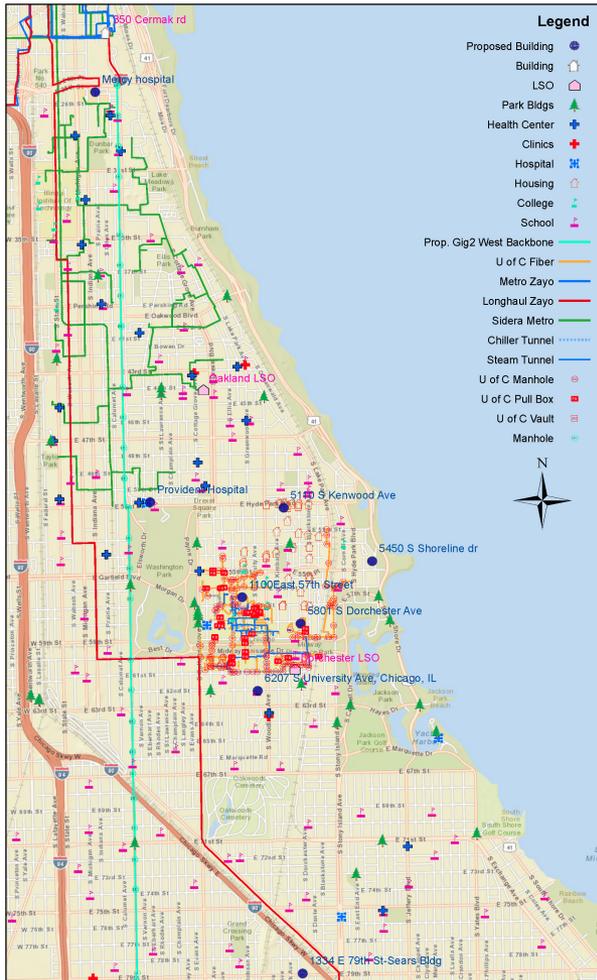
+ What Gigabit Squared Offers

- Provides interconnected fiber solutions at any speed 1 G to 100 G non-blocking architecture
- Provide Hybrid Fiber/Wireless Solutions at 100 M to 1 G
- Multiple Data Center Connectivity ensures access to all major providers throughout the region
- Multiple Middle Mile Fiber Partners provide interconnectivity throughout serving areas extending services to other communities



GB2 CHICAGO

GB2 SEATTLE



Building 21st Century Digital Ecosystems

Community Opportunities thru Gigabit Networks

Enriched Education

World-Class Healthcare

Improved Public Services

Economic Development



Gigabit speed broadband brings with it the ability to video-link students to anywhere in the world. Video-conferencing breaks down the walls of the traditional educational system and takes students inside operating rooms, to engineering labs, or across the globe to speak with their peers in another country. These experiences will strengthen our region's workforce of tomorrow.



Gigabit networks will help our medical professionals collaborate with the world's top medical professionals, in real time. Only through gigabit speeds and telemedicine can we share medical images in real time and work "side-by-side" with specialists to deliver citizens the best care available.



The power of gigabit speed broadband can help make our streets safer and our government services more efficient. Deploying Internet services in police cruisers, fire and safety vehicles will provide these professionals with the resources they need to better serve and protect citizens.



With today's economy more dependent on innovation to survive more than ever before, Communities like Chicago and Seattle will be providing its current businesses as well as business looking for relocation options with a world class network for advanced research and development. Studies show that no more than 15% of businesses in the U.S. have the connectivity speeds that Gigabit Networks will provide.

Please visit us at:

www.gigabit-chicago.com

www.gigabitseattle.com

to register and learn more about how gigabit speed broadband will transform the way you live, work and play in your community