

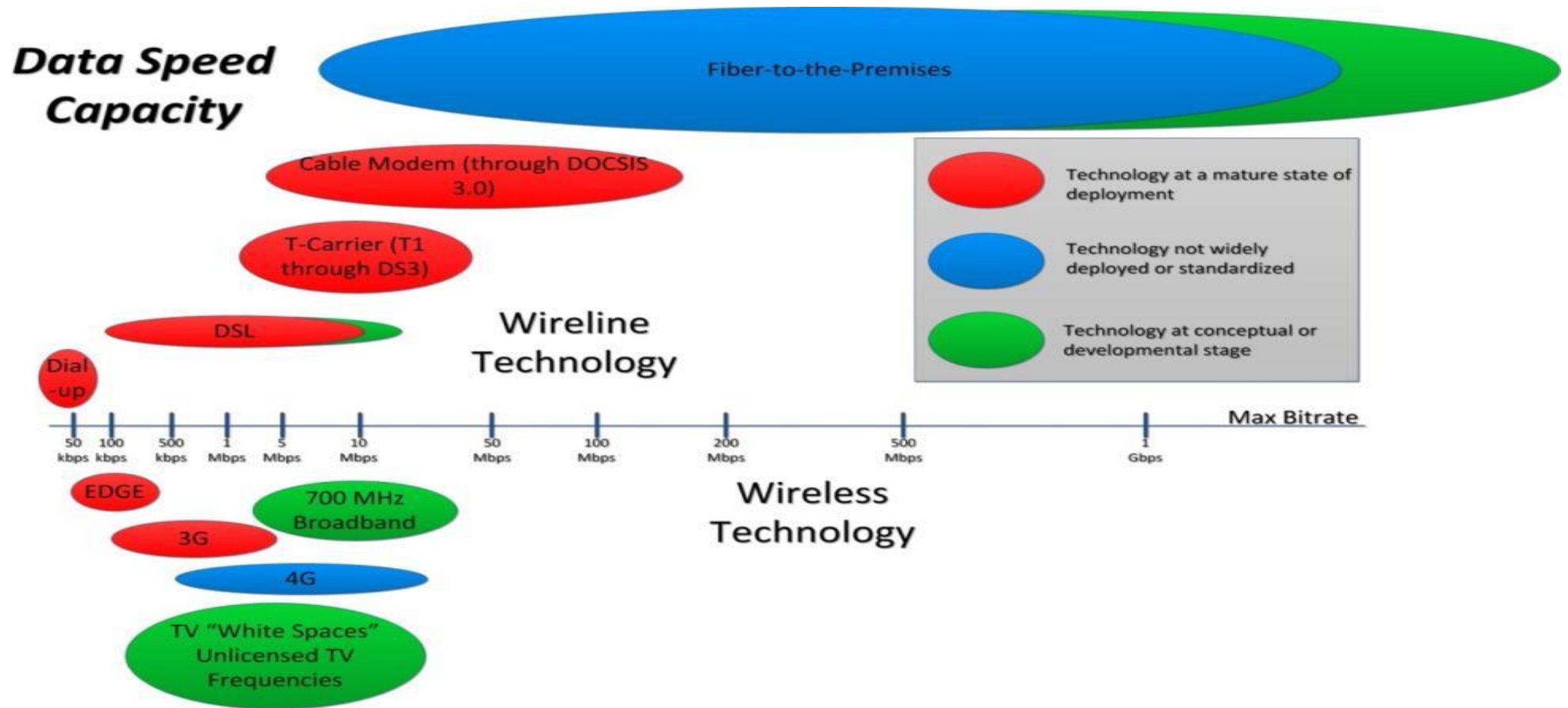
Triad Gigabit Fiber Initiative



FIBER TO THE BUSINESS

FIBER TO THE HOME

Technologies and Speeds



*Source: CTC Technology and Energy

Next Gen Network: Applications

eGovernment	Health Care	Public Safety	Business/ Economic Dev	Education
Government to Consumer (G2C)	Aging in place	Mobile alerts	Retail marketing	Distance learning –thru telepresence and visualizations
Government to Business (G2B)	Telehealth	E911	Financial services	
- Communication s	Remote Surgery	Air quality monitoring	State of the art modeling, animation and design	Higher education research exchange platform
-Information	Databased, pre-surgery	Transit and traffic monitoring	Advanced manufacturing	
-Registrations	Genetic Sequencing analysis	On-demand local information	Entertainment	
-Fees and taxes		Cutting edge police investigative tools		
-Civic engagement				

City of Greensboro
City of High Point
City of Burlington
Guilford County
UNCG
NC A&T State University
Piedmont Triad Regional Council



Purpose

To leverage existing municipal assets to encourage the growth and development of high speed broadband (gigabit fiber) networks in Greensboro and surrounding communities to meet the technological needs of current and future businesses, public institutions, educational institutions, and local residents.

Special Acknowledgement to Gig.U:

- Formed in 2011
- Coalition of research universities communities
- Seeks to accelerate the deployment of next generation broadband networks to support economic growth and educational innovation.
- Over two dozen Gig.U communities have started or participated in next-generation network initiatives
- Basic concept is to organize communities, cities, and educational institutions together to explore ways to accelerate the deployment of high speed networks in their local areas to benefit residents, underserved groups, and businesses

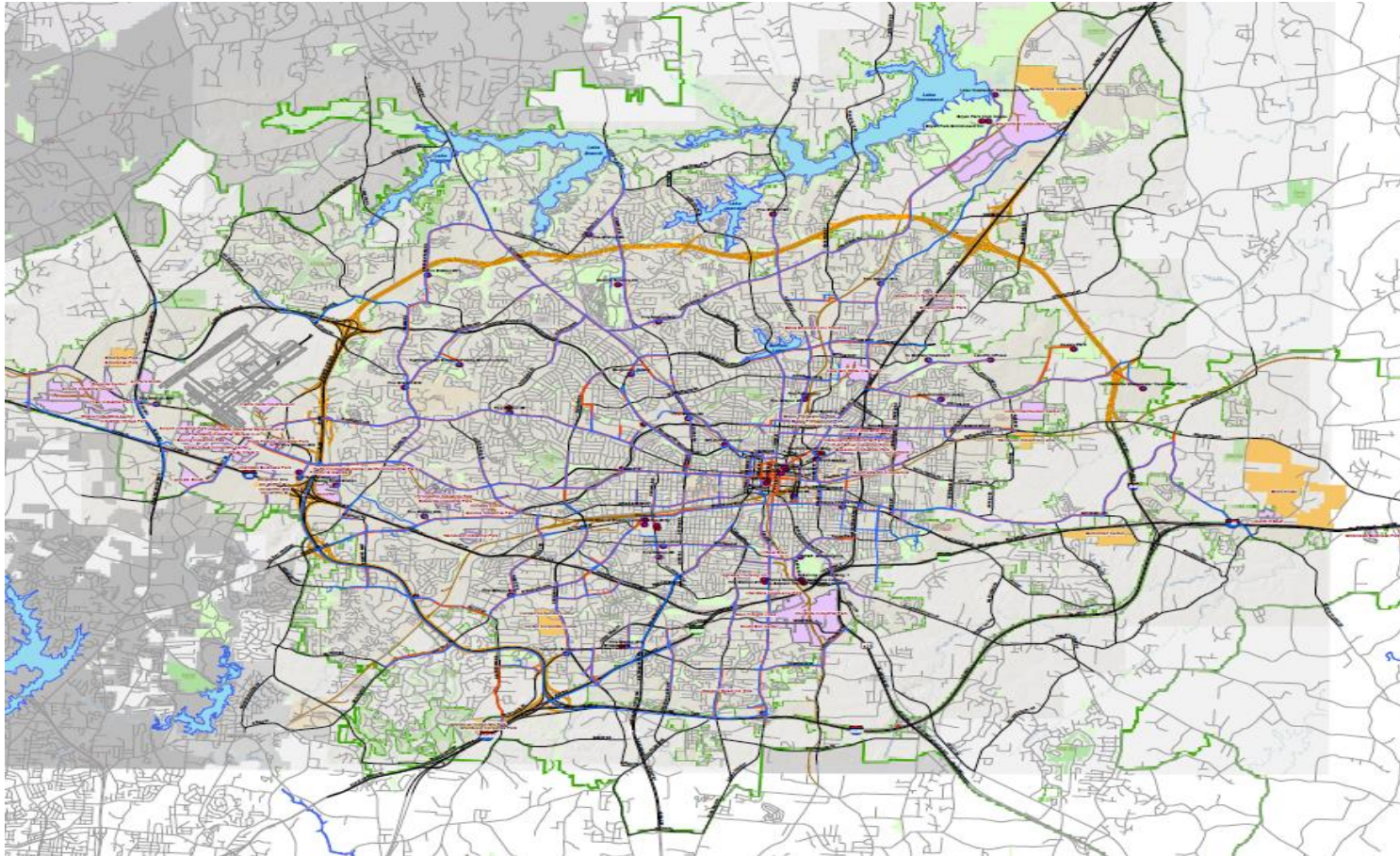
Provisions

Provide selected vendor/s access to pool of assets and services including:

- Fiber
- Conduit
- Pole attachment rights
- Access to data closets
- Co-location
- Expedited permitting



City of Greensboro Fiber Network



TriGig Goals

- Provide high speed broadband service to targeted economic development areas
- Serve the Growing Downtown Area with 1gpps broadband service
- Provide affordable access of at least 1gpps to anchor institutions such as schools, hospitals, libraries, recreation centers and government buildings
- Serve underserved areas and low income residents
- Serve residential neighborhoods, businesses and MDUs



Key Benefits

- Provide Gig Speed Internet Services to Residents & Businesses in Greensboro and the Triad
- Promote Economic Growth and Development
- Promote Entrepreneurship & Innovation
- Attract and Retain Talent
- Create competition in the High Speed Broadband Space and Drive Down Prices
- No Cost to the City
- Become the Next Gig City!



Proposed Timeline

- RFP to be posted March 24th
- Proposals Due June 3rd at 5:00 PM
- Initial Proposal Evaluation Completed by July 11th
- Negotiations with Top Proposers - TBD
- Proposals to be reviewed with Council
- Vendor/s selection - TBD

