

# Community Connectivity Consortium



## History

The consortium started in 2003 with a joint fiber project between the Lake Washington School District and City of Kirkland. It then expanded to include the University of Washington, Evergreen Hospital and the City of Bellevue. Followed quickly by the addition of Bellevue School District, Bellevue College, City of Renton, Renton School District, and City of Seattle. In 2011 the Consortium was formally organized as a government agency. The consortium continually finds opportunities to build out a fiber network on the eastside of Lake Washington to ‘ring the Lake.’ Our current focus is to extend into south King County and ‘expand in the Valley’, with the addition of Auburn and other cities.

We have built over 35 miles of fiber optic cable, creating strategic connection points along the way. Our partners use the fiber network to:

- Connect schools and universities to enhance learning.
- Connect hospitals, medical facilities and clinics to improve health care.
- Connect government facilities for public safety, transportation and other needs.
- Provide an open access network to serve the public with wireless and broadband access.

## Future

Now that there are major connection points in Kirkland, Bellevue and soon Renton, we intend over the next five years to:

- Create a vibrant and competitive region by providing connectivity to meet the needs of our community institutions – hospitals, schools, city halls, public safety agencies.
- Expand the use of our fiber network to support new applications and needs.
- Build resiliency in our network and for our partners by adding redundancy and connecting with other regional networks.
- Ensure a sustainable organizational, governance and management structure to make sound, long-term decisions benefiting our customers.

## Current Membership

Bellevue College  
Bellevue School District  
City of Algona  
City of Auburn  
City of Bellevue  
City of Federal Way  
City of Kent  
City of Kirkland  
City of Newcastle  
City of Pacific  
City of Puyallup  
City of Redmond  
City of Renton  
City of Seattle  
City of Tukwila  
Evergreen Hospital  
King County  
Lake Washington School District  
NORCOM  
Northshore School District  
Renton School District  
University of Washington  
Valley Communications Center  
Valley Medical Center

*Membership is through an interlocal government agreement.*



## Current Focus

- Awarded: US Department of Homeland Security Urban Area Security Initiative (UASI) 2009 grant for \$600K to complete 'ring' through Renton
- Awarded: UASI 2010 grant proposal for \$678K to connect to Seattle fiber network and connect to Westin and the PNW Gigapop.
- Governance: Consortium reformed as a Non-profit public corporation effective October 18, 2011.

*Like electricity a century ago, broadband is a foundation for economic growth, job creation, global competitiveness and a better way of life. It is enabling entire new industries and unlocking vast new possibilities for existing ones. It is changing how we educate children, deliver health care, manage energy, ensure public safety, engage government, and access, organize and disseminate knowledge.*

*The National Broadband Plan*

### Important Contacts

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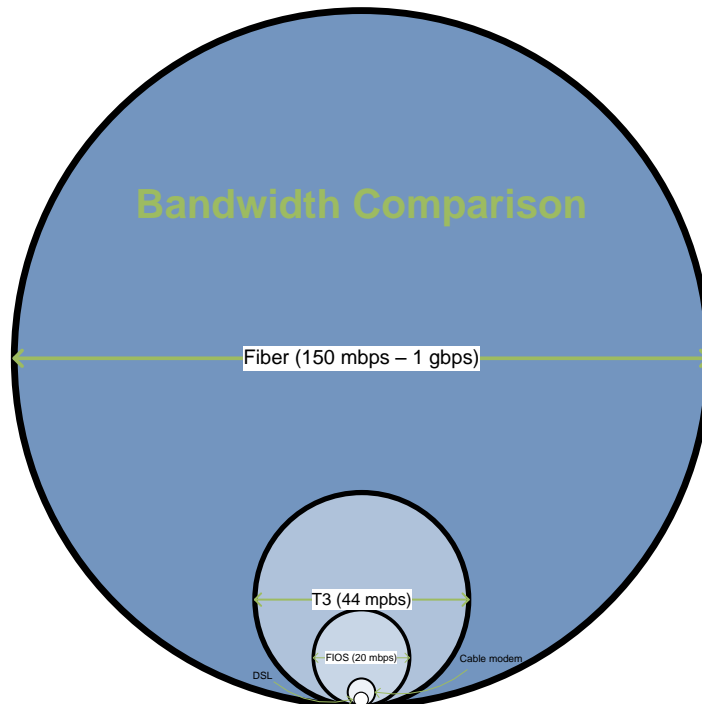
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## How much bandwidth is enough?



### How can we be more competitive?

A small-midsize organization can easily exceed T3-level capacity with its normal web traffic, video streaming, document sharing, data transfer and email volume. Commercial rates for a comparable T3 service (44 mbps) can range from \$3,000 to \$5,000 per month. Rates for 1 gbps service start around \$3,995 per month.

A residential customer can easily exceed cable modem capacity (1-6 mbps) with its television, internet, voice and gaming use. Rates start around \$80 per month.