Speeds of 5 Mbps up to 1 Gbps are now available for your business with Connect NorthWest's Gigabit Ethernet. Gigabit Ethernet provides scalable bandwidth solutions designed to meet your growing business needs. Gigabit Ethernet provides local area network LAN-to-LAN connectivity between two or more locations within a metro area. Unlike synchronous optical network (SONET), you can obtain precisely the bandwidth you need, whenever you need it. Our Gigabit Ethernet solution is typically less expensive than other similar solutions. Gigabit Ethernet gives you the performance and connectivity you require, regardless of the size of your business. Gigabit Ethernet offers your business a connection for Internet connectivity and intra-company networks that is convenient, scalable, and has much more bandwidth than other broadband solutions.

Gigabit Ethernet service combines the power of Ethernet and optical technologies across MANs to provide low-cost, scalable and secure bandwidth. Gigabit Ethernet provides local area network (LAN)-to-LAN connectivity suitable for data applications that include data file transfer, Internet access, off-site data storage and access to hosting, outsourced mail and file server services, and outsourced application services. The service is also well suited to voice and video applications.

## FEATURES

- Dedicated bandwidth options from 5 Mbps to 1 Gbps.
- Point-to-point and point-to-multipoint configurations—great for businesses with multiple locations.
- Circuit speeds are not restricted to dedicated SONET bandwidth increments.
- Multiple Ethernet virtual connections (EVCs) allow one port to support multiple locations.
- Supports VLAN tagging for security and network optimization.
- Custom solutions can be engineered for your exact Internet or networking needs.

## BENEFITS

### Less Expensive
Gigabit Ethernet bandwidth can be less expensive than traditional time division multiplexing (TDM) services. You have the potential to reduce your total cost of ownership by eliminating the need for specialized WAN support expertise, reducing the cost of WAN equipment with lower cost Ethernet switches and routers, as well as consolidating server/facilities.

### Flexibility
Scalable bandwidth increments let you pay only for what you need.

### Productivity Enhancing
May also increase your productivity by enabling virtual work groups across a metropolitan area (ie, you gain connectivity—both internally and externally—to those entities you regularly communicate with; for example, your suppliers).

### Quick Turnaround
Easily upgradeable; your service can typically be up and running in on-net locations within four business days after service order and acceptance.

## ETHERNET POINT-TO-POINT SERVICE
A Gigabit Ethernet deployment using point-to-point connections for two customer locations. Gigabit Ethernet offers LAN-to-LAN connectivity utilizing 10/100E or a full GigE port.
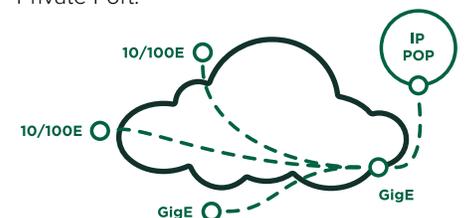


## ETHERNET MULTI-POINT SERVICE
A Gigabit Ethernet deployment connecting four customer locations forming a virtual local area network (VLAN). The VLAN can then be segmented by ordering multiple EVCs.



## INTERNET/PRIVATE PORT ETHERNET LOCAL ACCESS TO OTHER CIRCUIT PRODUCTS
A Gigabit Ethernet deployment used to connect a customer to other Internet/Circuit services. This is a deployment connecting three customer locations to an IP POP or Private Port. The Customer circuits are aggregated into common up-link ports to the nearest IP POP or Private Port.



## CONNECT NORTHWEST

Contact us for more information, or to order:
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