

# Internet

Keeping You Connected

LS Networks is proud to offer rural and metro customers the fastest and most reliable high-speed fiber-optic internet in the Northwest. Our dense network provides the best route protection and lowest latency available, and our architecture is customizable to service key institutions including enterprise, rural markets, education, government and broadcast providers.

Internet connectivity can make or break business today. Your employees depend on high-speed access and your customers expect it. Our fiber-optic network was built with the specific purpose of delivering consistent, reliable, high-speed internet services to the Northwest. Our service offering is backed by Service Level Agreements (SLAs) that guarantee uptime, latency, jitter and packet delivery. We carefully monitor capacity-to-utilization for optimal bandwidth availability to ensure all our customers have access to the best bandwidth 24 hours a day, seven days a week and 365 days a year.

## LS Network Internet Features

- IP traffic travels shorter distances, from point to point, thanks to our custom network design.
- Fewer network hops improve network latency and core network outages.
- Easy to scale — LS Networks provides businesses with “bandwidth-on-demand” that allows you to quickly increase capacity within hours, not weeks or months.

- Engineered for resiliency — our network features a geographical distribution of multiple diverse core routers, ensuring maximum uptime regardless of fiber cuts or peering outages outside of your control.
- National and global internet traffic is routed through trusted partners.
- Local internet traffic never leaves your state.
- Geographically diverse routers ensure reliability and uptime.
- Customized BGP routing.
- Up to 100 Gbps of dedicated bandwidth.

## Service Benefits

- Access options leverage LS Networks’ extensive MPLS core network throughout the Northwest. With a distributed core network we can ensure better performance and reliability for locations outside of the Portland and Seattle markets.
- Custom peering configuration available.
- IPv4 and IPv6 support.
- No artificial traffic engineering.

## Why LS Networks

Our extensive and diverse network delivers built-in resiliency with redundant routers at our network core and edge, along with geographically-distributed peering to numerous other backbone providers. This provides your business with direct, low-latency links to the largest internet content providers with the fewest network hops in-between.

Unlike many carriers, LS Networks doesn't artificially engineer IP traffic onto our own networks to cut costs. Instead, we pay for the

routing that is most efficient for our customers, so we can deliver reliable bandwidth throughout the Northwest — plain and simple.

LS Networks is located within the largest internet exchanges in the West, giving us the ability to connect directly to large providers and companies to provide a true on-net experience. Our network services touch every county in Oregon — and some of the most remote communities in Washington and California — and our network is always growing.

## Designed for Continuous Uptime

Every LS Network switch is connected to our Layer-3 IP network, so in the event a router fails, your network traffic gets re-routed to the nearest core switch in a single "hop," keeping you online no matter what.

— BACKBONE NETWORK  
— CORE CONNECTIONS

