

## Scalable, Reliable, Low Latency Internet Connectivity

The Internet is no longer a place for casual surfing. As more and more businesses seek to leverage cloud-based applications, it is becoming readily apparent that what companies need is Internet connectivity that was designed specifically to support business customers.

FirstLight Fiber has been providing Internet access since 1998 with the philosophy that the greatest quality of service is provided not just by the highest possible connection speed, but also combined with superior peering arrangements and dedicated bandwidth delivered over a stable, fiber-based fiber network.

FirstLight's Internet transit is backed by a combination of Tier 1 provider connections and numerous private peering connections throughout the Northeast, which reduces hop counts and improves the overall user experience. In fact, 50% of all Internet traffic on FirstLight's IP network is directly connected to the ultimate destination, reducing latency and improving response time.

To ensure high uptime, FirstLight's IP network employs redundant equipment, connections, and power supplies. The IP network is deployed regionally in a ring architecture with each region capable of operating independently. Internet traffic is redundantly routed over the Company's fiber network with the ultimate survivability of two separate meshed core networks, allowing for no single point of failure within that core.

Local technicians in each market and 24x7x365 monitoring from our Network Operations Center (NOC) ensures that should an issue arise, the FirstLight team can quickly respond and address the situation.



### Features

- Bandwidth from 1 Mbps to 10 Gbps
- Dedicated, fiber-based local loop
- Symmetrical and Asymmetrical connections
- Primary and Secondary DNS service
- 24x7x365 local service and support
- BGP connectivity supported
- IPv4 and IPv6 support
- Backed by strong SLAs

**Not all Internet Access is created equally.** With FirstLight's Dedicated Internet Access, you have the reliability and performance you need to operate your business.

### Benefits

- **Reliable** – Network is deployed in regional rings with each region capable of operating independently
- **Scalable** – Customer connections from 1 Mbps to 10 Gbps
- **Low Latency** – Network is designed to minimize hops, thus enhancing the customer experience, ultra high throughput service delivered over an MEF 2.0 compliant Carrier Ethernet transport loop
- **Connected** – Multiple peering points including 5 National & Global full transit peers and 130+ direct network connections
- **Dedicated** – Bandwidth is dedicated not shared – customers won't be negatively impacted by other user's traffic
- **Direct** – Regional ring architecture eliminates the need to route traffic to a major city (such as Boston and New York) only to route the traffic back to the local region

## **About FirstLight Fiber**

FirstLight Fiber, headquartered in Albany, NY, provides fiber optic data, Internet, colocation and voice services to enterprise and carrier customers in Upstate New York and Northern New England with connectivity to Canada utilizing its own fiber optic network, which spans over 190,000 fiber miles connecting in excess of 1,400 lit locations. FirstLight offers a robust suite of advanced telecommunications products, including dedicated Internet access, Metro Ethernet, traditional TDM solutions, SIP trunks, virtual PBX and audio-conferencing, managed commercial wireless systems, and Data Center Colocation. FirstLight's clientele includes national cellular providers and CLECs and many leading enterprises, spanning high tech manufacturing and research, hospitals and healthcare, banking and financial, secondary education, colleges and universities, and local and state governments. FirstLight is a portfolio company of Boston-based private equity firm Riverside Partners.

**Business >>> Accelerated**

To learn more about FirstLight, please visit [www.firstlight.net](http://www.firstlight.net) or call 1-800-461-4863.