# Fiber Internet Access (FIA)

WWW

Every second your business waits for file uploads, downloads and transfers is lost time, productivity and revenue.

## Fiber Internet Access overview

Fiber Internet Access (FIA) from Spectrum Enterprise provides secure, symmetrical connectivity—ranging from 25 Mbps to 10 Gbps—backed by industry-leading service-level agreements (SLAs) for performance and uptime. Whether your business is in a rural or a metropolitan location, you can count on reliable, as well as consistent, speeds because of Spectrum Enterprise's fiber-rich network.

When you require equally high-capacity, scalable upload and download access, FIA delivers with predictably fast, high-bandwidth, secure Internet service to power your business.

## Product

- **Integrate Robust Managed Network Security:** Optional Managed Router Service for Internet is available for one predictable, cost-effective monthly fee

## Product highlights

- **Enable High-bandwidth connectivity:** Dedicated, consistent symmetrical bandwidth is backed by industry-leading SLAs to help ensure network availability, Mean Time to Restore (MTTR), latency and packet delivery

- **Maximize Internet speeds:** Enjoy consistent, symmetrical speeds ranging from 25 Mbps to 10 Gbps

- **Ensure reliability regardless of location:** Get reliable connectivity whether your business is in a metropolitan or outlying area

- **Enable end-to-end security:** Dedicated connectivity is delivered over Spectrum Enterprise's secure, fiber-rich network

- **Ensure maximum performance and uptime:** Proactive monitoring is offered 24/7/365

- **Rely on dedicated support:** Spectrum Enterprise Technical Specialists are available 24/7/365

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## Technical Specifications

### Network

- IP over IEEE 802.3-based, full-duplex, non-circuit switched services

- Provisioned on our advanced fiber-rich network from the client premises to one of many Spectrum Enterprise hub locations throughout the Spectrum Enterprise network footprint

- Multiple levels of network fault tolerance provide a highly reliable and secure Internet access service

- Fiber access circuit is insusceptible to electromagnetic interference

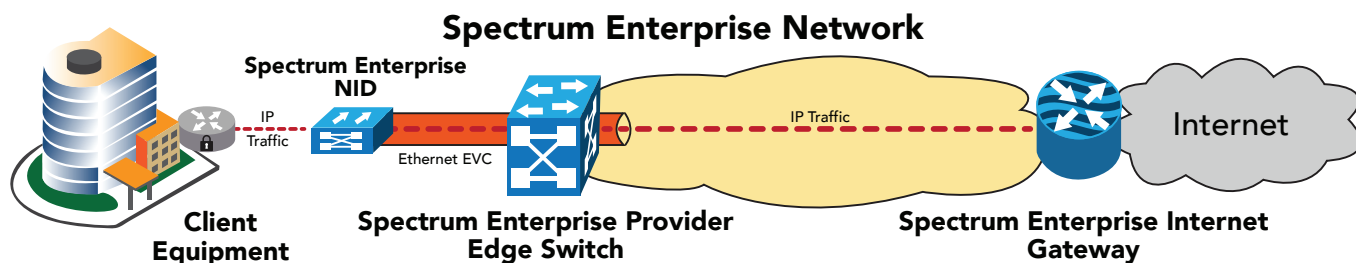### Internet Access Demarcation

- Fiber connections to the Spectrum Enterprise network are managed by a dedicated network interface device

- All traffic is routed over the Spectrum Enterprise IP network until the traffic is required to travel to the public network

### Routing

- Routing options are static routing or border gateway protocol (BGP)

### Static IP Addresses

- IP address space is included

- Spectrum Enterprise offers dual stacking of IPv4 and IPv6 address space



**Spectrum Enterprise Network**

Spectrum Enterprise NID

IP Traffic

Ethernet EVC

IP Traffic

Internet

**Client Equipment**

**Spectrum Enterprise Provider Edge Switch**

**Spectrum Enterprise Internet Gateway**

## Comprehensive solutions working together for your business

Spectrum Enterprise, a part of Charter Communications, is a national provider of scalable, fiber technology solutions. The Spectrum Enterprise portfolio includes networking and managed services solutions, including Internet access, Ethernet and Managed Network Services, Voice and TV solutions, Managed Application, Cloud Infrastructure and Managed Hosting Services. Our industry-leading team of experts works closely with clients to achieve greater business success.

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