

Fiber Internet Access



Count on the reliability, bandwidth and speed of a dedicated internet connection.

Today's organizations depend on high-performing internet solutions to keep critical applications running and business operating. A dependable internet connection ensures high performance for your network resources, allowing you to better serve employees and customers.

Spectrum Enterprise Fiber Internet Access (FIA) is a dedicated service that offers reliable connectivity nationwide with performance and support you can count on. Delivering scalable internet access, we offer 99.99 percent service availability all the way to the equipment at your location.

Product highlights

- **Superior performance:** Improves business productivity through a high-performing internet service that ensures reliable connectivity.
- **Scalability and reach:** Provides a scalable platform with national reach and dense metro coverage to support current and future bandwidth needs.
- **Business continuity:** Allows for optional solutions to support internet uptime in the event of a disruption.
- **End-to-end support:** Provides a single, nationwide contact point for services and support including in-building connections to your equipment.
- **Value:** Offers cost-effective, straightforward pricing.

Key features

- A dedicated connection that is not shared with others, delivered over a reliable, advanced fiber network.
- Service-level agreement (SLA) guarantees service availability while also assuring low latency, jitter and packet loss all the way into the client suite.
- Symmetrical access that scales up to 100 Gbps.
- 24/7/365 U.S.-based support and local technicians.
- Automatic wireless backup option provides seamless failover and failback functionality with battery backup and unlimited data.
- Multiple physical diversity and redundancy options to help protect your network.

FIA technical specifications

Network

- IP over IEEE 802.3-based, full-duplex, non-circuit switched services.
- Provisioned via our advanced fiber network from the client premises to one of many hub locations throughout the Spectrum Enterprise network footprint.
- Built-in network redundancy provides highly reliable and secure internet access.
- Fiber access circuits are unaffected by electromagnetic interference.

Routing

- Static or border gateway protocol (BGP) traffic routing options.

Internet access demarcation

- Fiber connections to the Spectrum Enterprise network are monitored 24/7/365 via a dedicated network interface device (NID).
- Traffic is securely routed over the Spectrum Enterprise IP network until it is delivered to the internet.
- Demarc extensions included for most buildings in footprint.

Static IP addresses:

- Initial IP block is included.
- Additional IP address space available upon request.
- Support for dual stacking of IPv4 and IPv6.

Optional services

Enhance FIA with a suite of technology services designed to protect, simplify and improve the performance of your network.

- **Wireless Internet Backup:** Get automatic wireless internet failover and failback service that is managed for you.
- **Wireless Internet:** Provide primary or secondary internet access over LTE Advanced technology with this all-inclusive wireless internet service.
- **Managed Network Edge:** Simplify the deployment and management of your network with this modular, all-in-one solution. Delivered over the Cisco Meraki platform, the solution offers security, routing, SD-WAN, WiFi, switching and cameras. Achieve flexibility and scalability with connectivity, equipment and network management from a single partner.
- **Managed SD-WAN:** Achieve greater visibility and control with a complete, virtualized WAN service that allows for application-aware routing while reducing network complexity and cost.
- **Managed Router Service:** Efficiently route traffic and improve bandwidth use without investing in hardware or day-to-day management.
- **Managed Security Services:** Protect your network with a fully managed solution that offers a firewall and unified threat management (UTM), intrusion detection and prevention, anti-malware, anti-virus, event log management and more.
- **DDoS Protection:** Guard against malicious volumetric attacks designed to overload your network with world-class distributed denial of service (DDoS) threat identification and mitigation.
- **Managed WiFi:** Meet customer demands for reliable connections to the internet with ubiquitous coverage across your facilities and 24/7/365 support.

Learn more

enterprise.spectrum.com/Fiber

About Spectrum Enterprise

Spectrum Enterprise, a part of Charter Communications, Inc., is a national provider of scalable, fiber technology solutions serving America's largest businesses and communications service providers. The broad Spectrum Enterprise portfolio includes networking and managed services solutions: Internet access, Ethernet access and networks, Voice and TV solutions. Spectrum Enterprise's industry-leading team of experts works closely with clients to achieve greater business success by providing solutions designed to meet their evolving needs. More information about Spectrum Enterprise can be found at enterprise.spectrum.com.

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