



AUTHORIZED
INTEGRATOR
& RESELLER

STARLINK

STARLINK COMMUNITY GATEWAY

Powered by Speedcast

Starlink Community Gateways offer connectivity at fiber-like speeds distributed to homes, businesses, and governments that operate in remote and underserved regions, or in locations where a dedicated gateway delivers value to users looking for cutting-edge technology innovations and exceptional performance.

The service leverages Starlink's low Earth orbit (LEO) satellites operating in a dedicated Ka-band spectrum and ensures that resources are allocated exclusively for the gateway's specific use. A network of high-bandwidth ground stations serves as the crucial link between the orbiting satellites and terrestrial internet infrastructure.

As the world's largest strategic integrator of Starlink services, Speedcast manages complete remote engineering and technical support and logistics for site builds, deployments, and installations, ensuring a seamless integration for your Community Gateway.

Customers pay a one-time upfront cost and a monthly committed rate in 1 Gbps bandwidth increments.

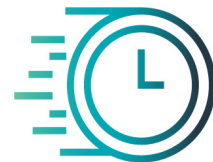
Download
Up to 10 Gbps



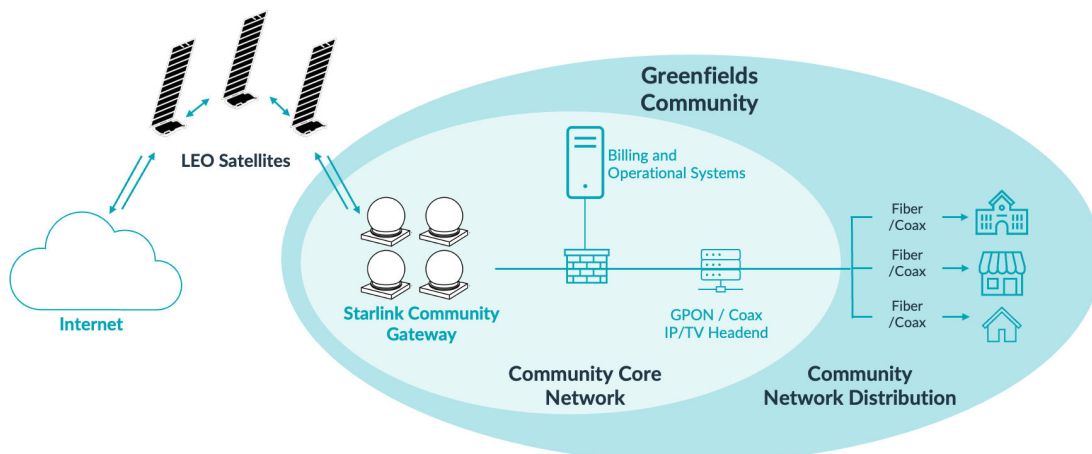
Upload
Up to 10 Gbps



Latency
Less than 99 ms



Turnkey Community ISP Solutions



All-In-One Gateway Kit

Solution Specifics

- 4 Ka-band Antennas deployed in square configuration (quantity and layout configuration may vary).
- Includes UPS and all necessary networking equipment.

Site Requirements

- Minimum 25 degree above horizon line of sight required (specific requirements will vary by location).
- 12-meter x 12-meter space.
- ~7kw total power available, 19kw for cold weather locations.
- Recommended install on ground, but rooftop install possible.
- Modular (container) option may also be available.

Antenna Specifications

- Parabolic antenna with spherical radome: 2.1m diameter and 250kg.
- Optional concrete base for ground install: 1.85m x 1.85m with hooks for lifting and 1300 kg.
- Average power of 1kw per antenna at 200-240 VAC: 4kw per antenna required in snow conditions.

Network Connectivity

- IPv4 Addressing – Up to /24 public address allocation
- IPv6 Addressing – Up to /56 prefix delegation
- To improve availability and performance, Starlink traffic will take multiple satellite and terrestrial paths. As a result, Starlink must be able to hash customer traffic (i.e. a single 10 gbps VPN tunnel is not supported).
- Border Gateway Protocol (BGP) enables peering, making the network run more efficiently.



Low Latency Connectivity Enabled by Speedcast Compass Customer Portal

Speedcast's Compass Customer Portal delivers a complete online dashboard for network monitoring and management. Compass allows customers to monitor the operational performance of their remote site networks from a single platform, with Starlink services integrated into the portal for full transparency and management of all WAN links from one place.

Speedcast is the first and largest Starlink Authorized Reseller

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STARLINK

High-speed, low latency
connectivity

Global coverage

Dedicated resources

Hot spares replacement
option for Speedcast
customers

Static IP address scheme
available in conjunction with
Speedcast SIGMA Edge compute

STARLINK
Satellite
Communications
Operator

speedcast
Communication
& Technology
Expertise

Global Tier 1 status

Numerous Value Adds

Global Field Engineers ready
to support deployment and
installation

Starlink statistics integrated
within Speedcast Compass
Customer Portal

B2B model support, invoicing and
payment terms

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Are you ready for high-speed LEO connectivity?
Contact us at info@speedcast.com