Cambium Networks™

# Integrate Starlink into Your Business Network with NETWORK SERVICE EDGE

## Making Starlink Work for Business, Schools, and Enterprise Networks

Low-Earth-Orbit (LEO) internet services like Starlink® are transforming connectivity for remote schools, rural businesses, and distributed enterprises. However, LEO services bring challenges in bandwidth variability, higher latency, and limited visibility. Cambium Networks' NSE (Network Service Edge) makes Starlink enterprise grade, secure, and intelligent—unlocking the reliability and control that business networks demand.

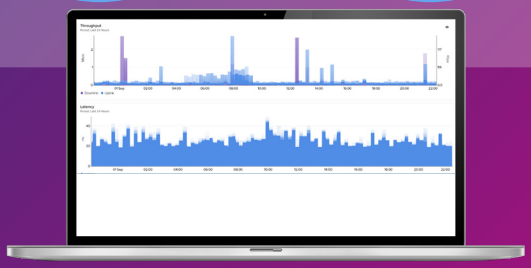
### MANAGE YOUR STARLINK NETWORK WITH CAMBIUM'S cnMAESTRO™

**REAL-TIME DIAGNOSTICS**
Dish alignment, throughput, latency, and drops

**REMOTE REBOOT**
Reboot Starlink terminals via cnMaestro

**PERFORMANCE MONITORING**
Visualize throughput, latency, and drop rates over time

**ALWAYS-ON PUBLIC IP**
Solve hidden IP challenges with Wireguard VPNs





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## Cambium's NSE, in combination with Starlink, provides key benefits in five areas:

### 1 Multi-Starlink and Multi-WAN Intelligence

- Connect up to 5 WAN links (Starlink, fiber, 4G/5G) for aggregated bandwidth and seamless uptime
- Load-balance or route by application, user, or business policy
- Prioritize real-time apps like Zoom®, Microsoft Teams®, or Google Meet™
- Ensure users stay online with automatic failover between terrestrial and Starlink links

**BENEFIT:** Higher throughput, zero downtime, and smarter traffic steering

### 2 Integrated Starlink Monitoring via cnMaestro™ Cloud

- See dish alignment, uptime, throughput, and latency from anywhere
- View historical performance charts and alerting, all in a single pane of glass
- Reboot Starlink terminals remotely; no truck roll required

**BENEFIT:** Centralized visibility and control across every Starlink site

### 3 Always-Reachable Static IP Overlay

Starlink's CGNAT hides devices behind shared IPs, blocking inbound access.

The NSE solves this with a Static Public IP over WireGuard overlay:

- Assigns a real public IPv4 that stays reachable even across Starlink or LTE
- Maintains a single consistent IP across all WANs; VPNs, DNS, and firewall rules never break
- Enables ISPs and WISPs to offer static IP as a service without consuming scarce IPv4 blocks
- Provides zero-config deployment: The spoke NSE auto-connects to the provider's hub

**BENEFIT:** True business-class reachability and new revenue opportunities for service providers

### 4 Adaptive Queue Management (AQM)

- Keeps latency low under load
- Ensures fairness across users and devices
- Protects voice/video even when downloads spike

**BENEFIT:** Consistent, low-latency performance on Starlink links

### 5 Application-Aware Firewall and DNS-Based Filtering

- Visibility and control by application, user, and device
- 80 + categories, including malware, phishing, botnets, proxy avoidance, and adult content
- CIPA-ready for education networks

**BENEFIT:** Safer, policy-driven internet access for every user

## Deliver Consistent Connectivity – Anywhere

With Cambium's NSE, Starlink evolves from a backup link into a fully managed, secure, and revenue-generating WAN solution for businesses, schools, ISPs, and WISPs. Deliver consistent connectivity, visibility, and control—anywhere your customers connect.

**» Explore Cambium Networks' NSE »**

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