



# Bigleaf Network Optimization + LEO Satellite from BCN

## KEY DIFFERENTIATORS

- **High-Speed, Low-Latency Performance:** Achieve speeds up to 350Mbps download and 50Mbps upload, with low latency of 25 to 75 milliseconds—ideal for data-intensive applications with LEO satellite fixed wireless access from BCN.
- **Cloud-first Intelligence:** Unlike traditional SD-WAN, Bigleaf's solution is built to prioritize cloud-based applications, ensuring that all critical business operations are uninterrupted.
- **Real-Time Traffic Management:** Bigleaf optimizes internet traffic on the fly, adapting to current network conditions without user intervention, ensuring the highest-priority applications get the bandwidth they need.
- **Seamless Integration with Satellite Connectivity:** Bigleaf's platform is agnostic to the underlying transport, making it a perfect fit for existing and emerging LEO satellite networks, bringing enterprise-level optimization to satellite connectivity provided by BCN.

## PROVEN BENEFITS

- **40% reduced downtime:** Businesses using LEO satellite combined with Bigleaf experience significantly less downtime compared to traditional geostationary satellite setups.
- **20% increase in application performance:** Real-time applications such as VoIP, video conferencing, and cloud services show marked improvements in responsiveness and performance.

## Unbreakable Internet. Anywhere. Anytime.

A BCN solution that brings together low-earth orbit satellite connectivity with the power of Bigleaf Network's unique network optimization solution, provides businesses with unparalleled, reliable internet performance. This integrated, value-add solution ensures seamless connectivity and optimal network performance, even in geographically challenging areas, enabling businesses to maintain productivity, secure communications, and flawless application performance. Customers will enjoy one monthly invoice for all services at all locations and one team for U.S.-based support.

### 1. Reliable Connectivity in Remote Areas:

- High-speed internet to remote locations that traditionally struggle with network access.
- Paired with Bigleaf's cloud-first, intelligent traffic prioritization and same IP failover, businesses enjoy stable, uninterrupted internet performance, regardless of geographic location.

### 2. Flawless Application Performance:

- With Bigleaf's intelligent optimization technology, critical business applications like VoIP, video conferencing, and cloud-based services receive priority routing access.
- Ensure flawless performance even during periods of congestion or network instability—all enhanced by the low-latency benefits of BCN LEO satellite technology.

### 3. Business Continuity and Resilience:

- LEO fixed satellite wireless internet from BCN offers an additional layer of redundancy, reducing the risk of downtime for businesses in disaster-prone or underserved regions.
- Combined with Bigleaf's automatic failover and load balancing, companies can rest assured that their network will stay up and running, maintaining productivity no matter what.

### 4. Optimized Bandwidth Usage:

- BCN offers flexible data plans to meet specific business needs and usage requirements. In tandem, Bigleaf Networks actively manages bandwidth across all connected links, ensuring the most efficient use of satellite and terrestrial connections.
- This optimization prevents bottlenecks and ensures that high-priority traffic is given preference, while less critical data is handled appropriately.

### 5. Reduced Network Latency and Jitter:

- LEO satellite connectivity from BCN provides speeds up to 350Mbps download and 50Mbps upload, with low latency of 25 to 75 milliseconds.
- Paired with Bigleaf's intelligent traffic prioritization and Same IP Failover, businesses benefit from reduced jitter and latency, improving the performance of real-time applications such as voice, video, and VPNs.

## Key Use Cases

- **Retail Chains in Rural Locations:** Ensuring 24/7 network reliability and high-quality point-of-sale (POS) performance across multiple remote sites.
- **Healthcare Facilities in Underserved Areas:** Delivering critical telemedicine applications with reliable, low-latency network performance.
- **Logistics and Transportation Hubs:** Maintaining communication and operational efficiency even in hard-to-reach locations with seamless satellite connectivity.

Explore how a BCN solution combining low-earth orbit satellite technology paired with Bigleaf network optimization can provide your clients with seamless, reliable connectivity no matter where they are located. Schedule a conversation with our sales team to learn more about this groundbreaking solution and how it will drive higher revenue, retention, and customer satisfaction for your business.



## WE ARE BCN

A communication technology solutions provider with the flexibility and experience to address every need uniquely. Creating tailored solutions based on the portfolios of 100+ wholesale network & technology partners.



### SINGLE PROVIDER

A single-source for custom-configured solutions.



### UNIFIED BILLING

All services at all locations on one monthly invoice.



### CUSTOMER CARE

Single point of contact for U.S. - based support.



### OUR LEGACY

Decades of experience and thousands of business customers.