Bigleaf Provides
VoIP Quality and Internet Control

Get automatic protection of your VoIP and other application traffic with Bigleaf Cloud-first SD-WAN. Bigleaf adapts the LAN to Cloud path in real-time, fixing issues and ensuring healthy VoIP calls that don’t drop. Our included monitoring provides detailed metrics and alerting of ISP issues.

Bigleaf’s reseller program gives you new recurring revenue, fewer support calls, and deeper value with your customers.

• Automatically improve VoIP, VDI, and other app performance
• Monitor packet-loss, latency, and jitter
• Keep your existing firewall via drop-in install

Bigleaf’s Key Features

Intelligent Load Balancing
Monitors circuit conditions, adapting load balancing in real-time to match application traffic needs to circuit performance.

Dynamic QoS
Prioritizes VoIP and other real-time traffic across commodity Internet connections, even with varying bandwidth.

Same IP Address Failover
The benefits of BGP without the hassle and cost. All applications (even VoIP) stay connected when a circuit fails.

Plug-and-Play Provisioning
Simple setup and service charges, no complex configuration required.
How Bigleaf Works

Bigleaf’s service distributes monitoring and control across both our core gateway clusters in the Cloud and our router in your building. We encapsulate your traffic within tunnels that connect from our on-premise router, running across multiple ISP paths, to our core network. These tunnels efficiently and reliably move your traffic to and from the Internet, while providing our adaptation system with end-to-end visibility and control of each circuit. The Bigleaf monitoring system constantly measures circuit performance in both directions, evaluates traffic flows from your applications, and adapts to changing conditions in real-time based on algorithms and alarm thresholds.

Core Redundancy

Bigleaf’s infrastructure is designed to provide SLA-backed services for mission-critical traffic. We know you’re trusting us to provide a very high level of reliability. Our core network has full redundancy for all hardware and graceful failure adaptation built in to our software.

We also set up multiple redundant tunnels across each of your ISP circuits to ensure quick failover in the event of a core hardware or data center issue. We have multiple data centers throughout the United States to provide geographic redundancy, and diverse backbone and peering connections to the Internet.

Quality and Continuous VoIP

Bigleaf enables quality VoIP calls across commodity Internet connections. We prioritize traffic using our proprietary Dynamic QoS system, automatically detecting and adapting to changing circuit bandwidth and quality.

When one of your Internet circuits experiences issues such as packet loss, latency, jitter, congestion, or an outage, your VoIP call is moved to a higher-quality circuit in real-time. Because we handle public IP addressing in our cloud, real-time applications aren’t interrupted during circuit outages.

About Bigleaf

Bigleaf Networks improves Internet performance and enables peace of mind. We are telecommunications professionals who built our cloud-based optimization and redundancy service based on the natural architecture of leaves. We are dedicated to providing a better Internet experience with simple implementation, friendly support and powerful technology. Founded in 2013, Bigleaf Networks is investor-backed, offering nationwide service.