# Optimize and Prioritize your Network Voice Traffic with SD-WAN
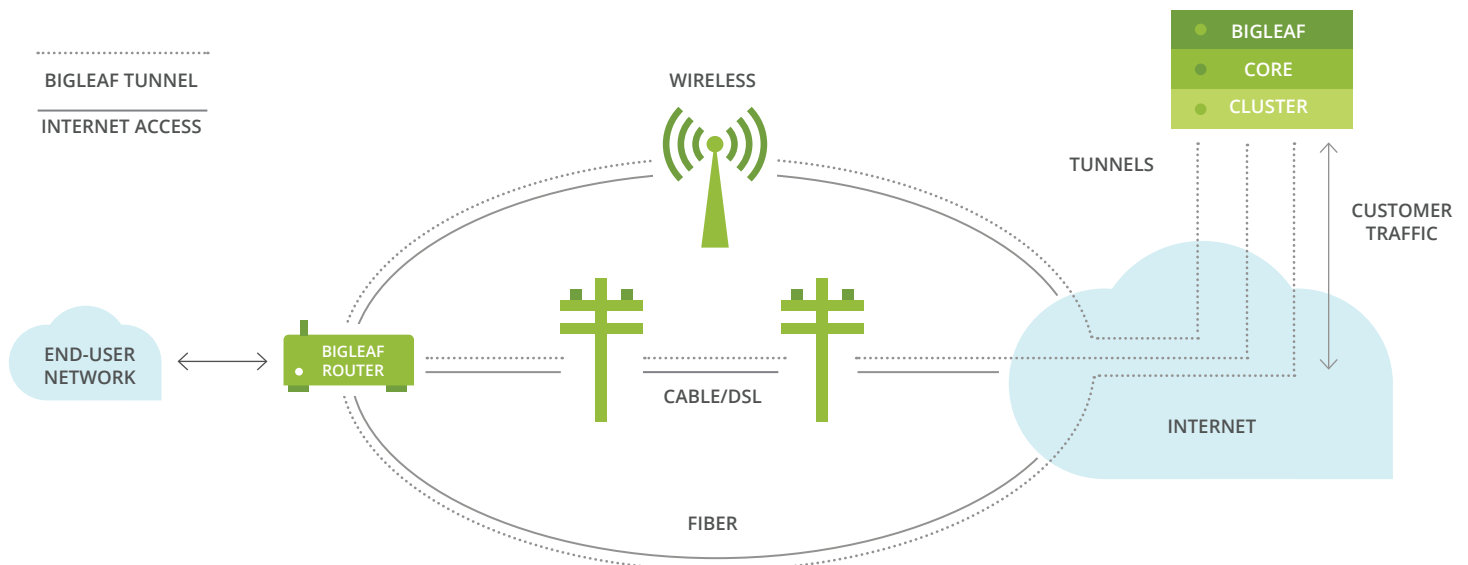
Bigleaf SD-WAN optimizes *all* your cloud services by prioritizing your most critical applications - starting with your IP voice traffic. It also actively monitors your network and Internet connection, notifying you of potential bottlenecks.

- Works with any Internet provider
- Actively solves Internet problems
- Built-in monitoring and alerting

## How Bigleaf Works

Bigleaf sends network traffic through "tunnels" that connect an on-premise router at your business location to Bigleaf's core network - through any or all of your multiple ISP paths. These tunnels efficiently and reliably move the traffic to and from the Internet, while providing Bigleaf with end-to-end visibility and control of each circuit.

Bigleaf's service also monitors and controls the data traffic between their core server clusters in the cloud and their router in your building. It evaluates traffic flows from your applications, and adapts to changing conditions in real-time.



BIGLEAF TUNNEL

INTERNET ACCESS

WIRELESS

BIGLEAF CORE CLUSTER

TUNNELS

CUSTOMER TRAFFIC

END-USER NETWORK

BIGLEAF ROUTER

CABLE/DSL

INTERNET

FIBER

# SIMPLY STAY CONNECTED

Bigleaf protects VoIP calls from the effects of congested internet connections: including dropped calls, choppy sound, and echos. It prioritizes voice packets over other, less-sensitive traffic, and routes them over the cleanest internet connection at any moment in time. Bigleaf SD-WAN is a perfect complement to all of your Intermedia cloud services.
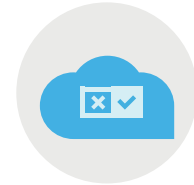
## How Bigleaf Helps

### INTELLIGENT LOAD BALANCING

Monitors circuit conditions, adapting load balancing in real-time to match VoIP traffic needs to circuit performance.

### DYNAMIC QOS

Prioritizes VoIP traffic across commodity Internet connections, even with varying bandwidth.

### SAME IP ADDRESS FAILOVER

The benefits of Border Gateway Protocol without the hassle and cost. Calls stay connected, even when one of the circuits fail.

### Easy Install
Since Bigleaf sits outside of your existing firewall it's super easy to install and doesn't change your security strategy. Bigleaf looks just like a normal internet connection to your firewall. There's no NAT or proxying, and you don't have to disable any firewall features.

### 24/7 Support
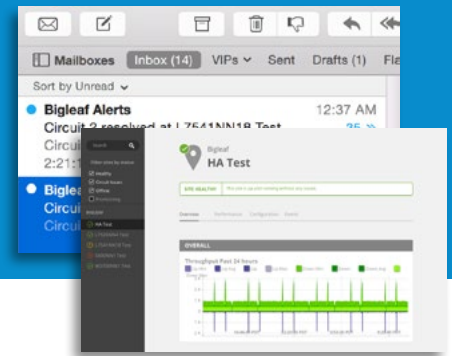Bigleaf is always available, via email and phone, to help you out. Their support engineers are eager to help you 24 hours a day, 7 days a week.

### Visibility & Reporting
Bigleaf unlocks the hidden data on the WAN path from your business to the Cloud. You gain real-time and historical data as the service monitors each of your Internet connections at each one of your locations.

Includes:

- Web Dashboard
- Performance Reports
- Email Alerts

## About Bigleaf

Bigleaf Networks improves Internet performance and enables peace of mind. They are telecommunications professionals who built their cloud-based optimization and redundancy service based on the natural architecture of leaves. They 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.

**Questions? Contact Intermedia today.**
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