

# SD-WAN with Bigleaf

CONNECT. OPTIMIZE. SECURE.

With Software-defined Wide Area Networking (SD-WAN) from Telesystem, businesses can take control of their network by reducing complexity and costs and improving application performance.



## Telesystem SD-WAN

Telesystem's partnership with Bigleaf brings customers a cloud-first networking solution designed to enhance the performance and reliability of internet connectivity for businesses. Bigleaf SD-WAN employs intelligent load balancing and dynamic QoS (Quality of Service) to ensure that critical applications receive the necessary bandwidth and low-latency connections, even during network fluctuations or outages.

Telesystem's Bigleaf SD-WAN solution is designed to dynamically route traffic based on real-time analysis of the internet's performance, instantly optimizing the path for better application performance. The platform also includes built-in redundancy, allowing seamless failover between internet connections to maintain continuous connectivity. Emphasizing simplicity and automation, we aim to provide businesses with a hassle-free SD-WAN solution that improves network reliability, application performance, and overall user experience.

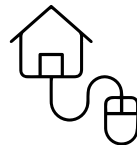


## The Next Generation of Network Connectivity

SD-WAN provides companies increased network visibility, application-level insights and the ability to optimize traffic routing all centrally managed and maintained by Telesystem. Additionally, SD-WAN allows branch locations to leverage bandwidth intensive applications that were previously only available to larger offices, while multiple layers of security protect against Internet and branch cyber threats.



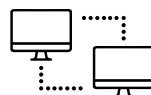
**VoIP Quality** - Bigleaf ensures the quality of VoIP calls amid poor Internet conditions, preventing issues such as dropped calls, distorted sound, and echoes. It prioritizes VoIP and directs calls automatically through the most reliable ISP connection available at any given moment.



**Work from Home** - Use Bigleaf Home Office to keep non-business web traffic, such as streaming video and gaming, and less reliable residential Internet connections from impacting your business communications and applications.



**VPN Enhancement** - Bigleaf adds auto-failover, and Dynamic QoS to your existing VPNs. Keep your preferred firewalls and let our system provide the SD-WAN foundation to get better reliability and performance than MPLS.



**SaaS Performance** - Bigleaf automatically identifies your SaaS traffic (and other cloud apps) to ensure that it gets prioritized appropriately. Your co-worker's YouTube video won't slow down your Salesforce session.



**Site-to-Cloud Architecture** - Unlike box-only solutions, Bigleaf leverages both an on-site router and a dedicated backbone network, controlling traffic both to and from the Cloud.



**Firewall-Friendly Design** - Bigleaf installs outside your LAN, so you can leave your best-of-breed security solution in place, without disabling any of its features



**Monitoring and Alerts** - Monitor each ISP connection, end-to-end, 10 times per second for packetloss, latency, jitter, and capacity. You'll have access to logs and graphs, plus configurable email alerts.