Sangoma

Managed
SD-WAN
Services

Multi-Location Network
Solution

Managed SD-WAN Services

Sangoma's SD-WAN network solution delivers a scalable, flexible and reliable network solution for businesses big and small, with today's cloud-forward networking.

The solution offloads all IT support for every location by centralizing control, maintenance and monitoring to Sangoma's cloud infrastructure, where our Network Operations Team (NOC) supports the customer's network. By leveraging local broadband, fiber and wireless internet access at each site, we save customers significant costs and deployment time, while also increasing their network performance.

Network Performance

Eliminates hair-pinning at enterprise datacenters when accessing cloud-based applications, common with traditional WAN deployments. SD-WAN provides a direct on-ramp to cloud apps, eliminating latency related to inefficient network paths.

Link Aggregation

Combining multiple links with policy-based traffic routing providing greater redundancy and resiliency of primary connections. When issues are detected, traffic moves to other available circuits to keep services running.

Cost Savings

Allows businesses to leverage any access type –broadband, fiber, wireless–making it easy to find the best local pricing and achieve many levels of redundancy and failover.

Application-based QoS Policies

Deep packet inspection allows for the prioritization of business-critical traffic. QoS policies can be applied globally or per location.

Operational Efficiency

Standardized hardware is deployed at each site, simplifying the network edge. Predictable deployments and cloud-based control reduces the time spent on hardware management.

Hardened Security

Secure IPSEC tunnels deployed over all transport types with fully-meshed or point-to-point VPN setup availability. Hardware devices include stateful firewalls for allow/deny rules.

Why do customers choose Sangoma's Managed SD-WAN?

- We host all network components with global presence
- Dedicated implementation team to configure customer deployments
- Our dedicated network specialists will fully manage your SD-WAN network, or co-managed it with your team
- We leverage our core network to add flexibility and security to customer networks, with one-hop to additional Sangoma services
- Sangoma's network is fully PCI certified

Backed by a World-Class Network Operations Team

- A dedicated team of experts that work with customers and partners to architect, implement, manage, monitor, support and troubleshoot, 24/7/365
- Has granular visibility to equipment, utilization, and individual devices within the network
- Tracks issues in utilization and performance can be tracked and traced, allowing an admin to make changes when required

POP

FIREWALL

SD-WAN

SBC
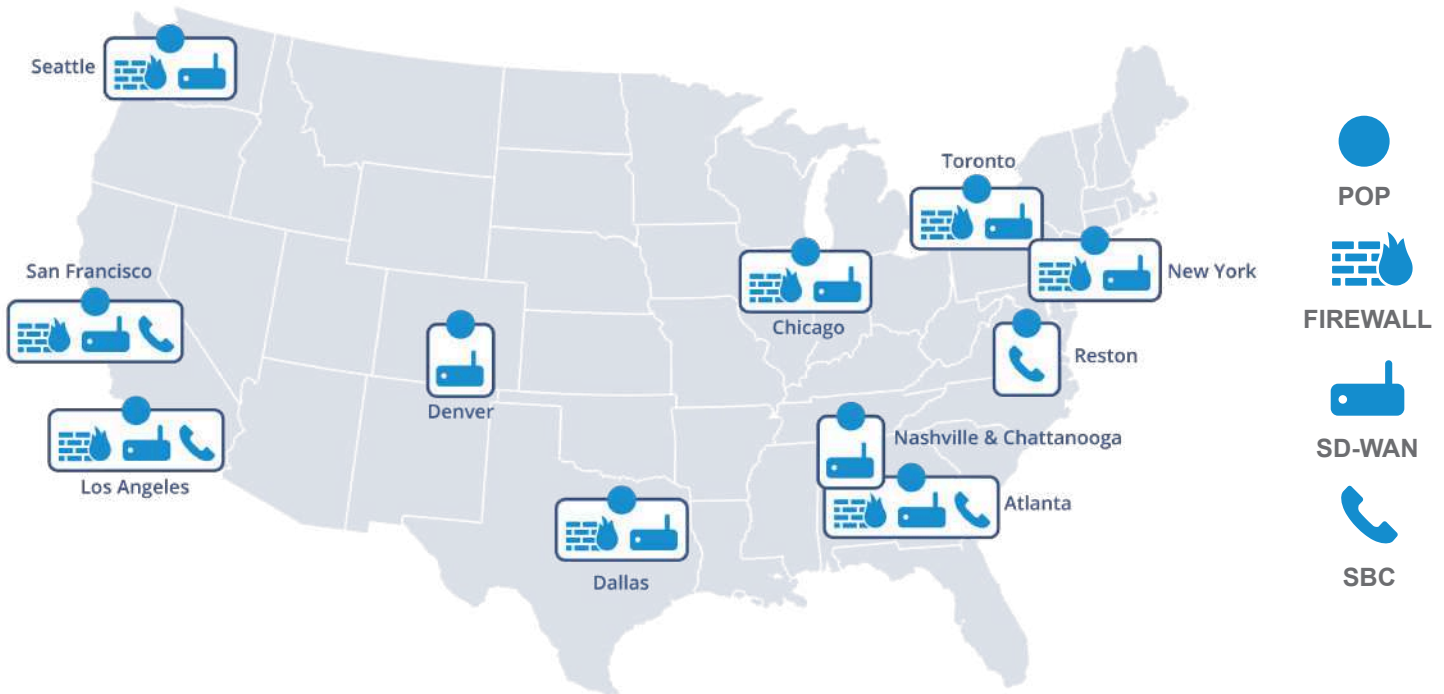
Retail

Secured credit card information across multi-location retailers, including efficient systems for employee support.

Financial Services

Reliable access to information when serving customers, with an increasing need to access cloud information to function.

Education

Prioritizing academic traffic for educators with hybrid and remote learning on the rise. SD-WAN can help to deliver better learning experiences with lower costs and higher bandwidths.

How does it work?

An SD-WAN hardware device deployed at each location consolidates edge equipment and centralizes control, maintenance and monitoring of local networks to Sangoma's cloud infrastructure.

Zero-Touch provisioning enables SD-WAN devices to deploy an entire business location within minutes and **centralized policy control** allows for regular network updates to be pushed to all locations at once.

Locations are connected to Sangoma's cloud infrastructure using inexpensive local access types, such as broadband, fiber, 5G/4G LTE and fixed wireless, based on the customer's choice.
A VPN tunnel is established at each site to communicate back to our cloud network.
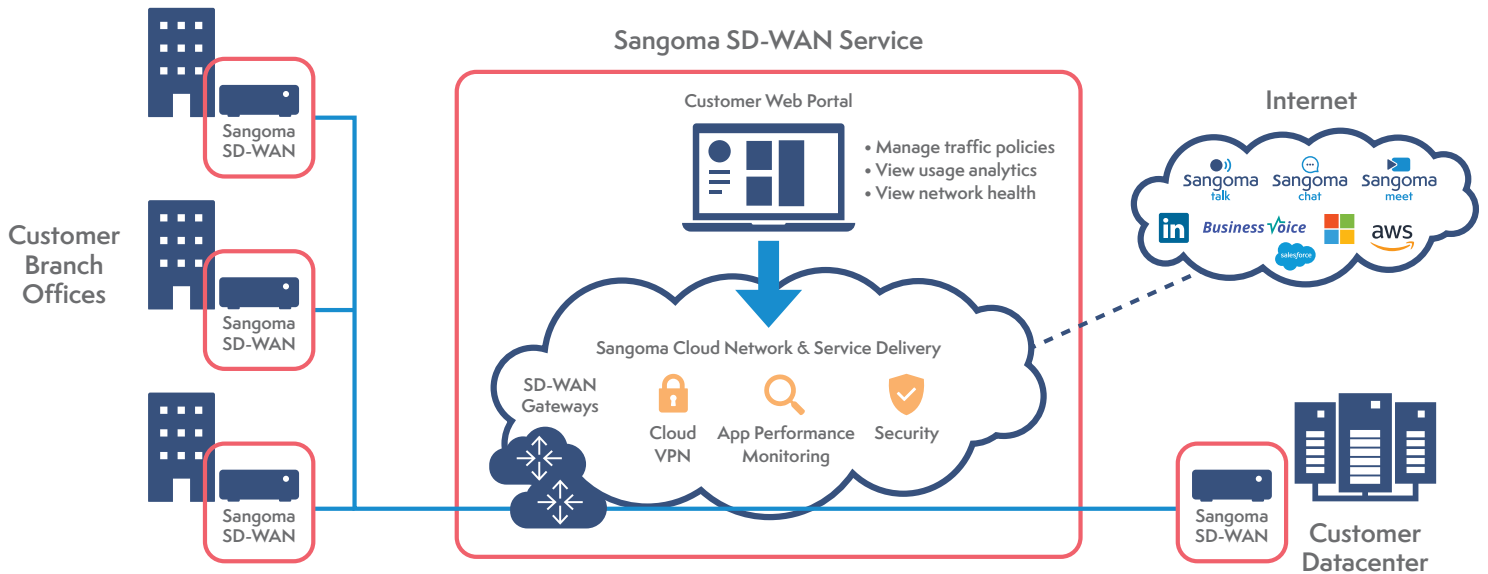
Unmatched Performance

SD-WAN Dynamic link aggregation enables mission critical services to leverage multiple circuits, failover/failback without interruption of real-time traffic. Sangoma SD-WAN provides customers more flexibility in how their businesses utilize their circuits.

Our unique link optimization technology uses proprietary protocols for packet duplication, forward error correction, application steering, QoS, latency mitigation, which means significant enhancements for our customers' connections.

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