SD-WAN
Solution Overview

Transform business outcomes with high-performance applications powered by a next-generation network

Software-Defined Wide Area Networking (SD-WAN) is an innovative networking technology that abstracts the network hardware and application transport characteristics to simplify management and enhance performance. It allows companies to replace expensive private WAN connections such as MPLS by building higher-performance WANs using low-cost Internet access.

NEW Add-ons to Improve Efficiencies

Bandwidth Aggregation—Let CBTS leverage arrangements with major broadband providers and manage your connectivity, reducing the complexity of multiple vendors, pricing structures, SLAs, and support.

Managed LTE—Change the game with Managed LTE from CBTS to enable enterprise class connectivity anytime, anywhere on any device for IoT and production with no data overage.

Backed up by superior engineering, SD-WAN from CBTS adopts a transformational approach to simplify branch office networking and assure optimal application performance. Built upon cutting-edge technology, our purpose-built enterprise solution allows businesses to:

- Address performance issues where latency; distributed data sources and applications; and broad access to systems across locations, devices, and geographies may all come into play.

- Deliver high performance for the next generation of business applications.

- Innovate and transform business outcomes with enhanced real-time operations and business agility.

- Eliminate the traditional capital investment in IT infrastructure.

- Leave behind the complexity and high costs associated with building, sourcing, and supporting high performance and leading-edge technology.

- Pay less for an agile, high-performance network.

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Leverage rich features of SD-WAN to improve operational efficiencies with real-time application experience

No Large Capital Outlay and Lower Operational Costs

Pay a predictable monthly fee for hardware, support, and top-notch engineering resources instead of investing large capital in equipment.

Significant Cost Savings

Reduce the total cost of ownership (TCO) by removing maintenance and professional services costs.

Higher Performance

Combine enhanced applications with increased efficiency.

Simplified Management

Centralize control and policy deployment through a GUI web portal.

Superior Quality of Experience

Improve performance of critical applications such as voice and video with multiple levels of redundancy.

Features

SD-WAN uses intelligent control to manage public and private network connectivity into secure, reliable WANs. It automatically deploys and maintains the WAN using VPN and other technologies, connecting sites over any connectivity and supporting multiple redundant and 4G failover links. Additional features include:

- Superior connection remediation with packet-duplication over single Internet links.

- Connectivity-agnostic including public, private, and hybrid (public/private) networks and applications with automatic site-to-site VPN.

- Centralized, policy-based management portal with Graphical User Interface (GUI).

- Application enhancement and high quality experience of use.

- Dynamic link selection by aggregating multiple Internet connections and choosing the best path for traffic.

Ideal Use Cases for SD-WAN

Ideal use cases for SD-WAN include on-premises, cloud, and hybrid deployment models that require a Quality of Experience (QoE) for real-time applications such as VoIP and video regardless of where the user is located. SD-WAN can be an especially good fit for organizations that operate call centers or rely heavily on critical applications:

- Retail, transportation, or logistics businesses that lose profit if they miss any call.

- Healthcare or higher education institutions that rely on video applications to deliver service.

- Consulting or service firms that use webinars and online meeting applications frequently.

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