



SOFTWARE DEFINED WIDE AREA NETWORKS FROM CHINA TELECOM AMERICAS

Gartner cites by 2020, a “Cloud Shift” will affect more than \$1 trillion in IT spending as companies move costly legacy networking infrastructure from the data center to the cloud. To help facilitate this shift, Gartner predicts that up to 25% of IT Pros will manage their WAN through software making SD-WAN a \$1.3 billion market by 2020.

Recognizing that network programmability and automation would be a way to simplify multi-cloud connectivity, China Telecom began building a global 26-site, cloud-connected, SD-WAN enabled backbone (AS 36678) to offer superior Quality of Experience (QoE) and centralized control regardless of the underlying transport technology or application architecture. As China’s leading SD-WAN service provider, we partner with you to reduce IT costs and complexity while increasing performance and security for your transpacific networks.

About China Telecom Americas

China Telecom Americas, a wholly-owned US-based subsidiary of China Telecom Corp. Ltd. (NYSE: CHA), is an international telecom provider for data, IP and voice wholesale services to multinational companies, organizations and international carriers requiring China domestic services and international access to China & throughout Asia-Pacific.

With headquarters in Herndon, Virginia and offices in Chicago, Los Angeles, New York, San Jose and subsidiaries in Toronto and São Paulo, China Telecom Americas continues to expand its strength and reach to serve our growing customer base with locally-based, one-stop-shop, turn-key solutions for everything from China domestic and international data circuits to co-location and cloud services, network management, equipment management, system integration and more.

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www.ctamericas.com

Product Overview

China Telecom's cloud-based, global SD-WAN offers compelling advantages for distributed organizations with critical branch operations, including the benefits of business agility, improved application performance and lower bandwidth costs. As China's only service provider to build and operate a fully-meshed, redundant, global SDN backbone across 26 cloud-enabled Points-of-Presence (PoPs), China Telecom with our partners: Cisco, Versa Networks and Silver-Peak, has the widest range of custom SD-WAN, Hybrid WAN, NFV and vCPE access options available.

Benefits

- Increased Agility & Reliability
- Better Visibility & Automation
- Optimized Bandwidth Utilization & Performance
- Reduced CAPEX & OPEX Costs
- Reduced IT Complexity
- Enhanced Branch Uptime
- Stronger Security
- World-class Customer Support

Features

- Zero-touch Provisioning
- Bandwidth on Demand
- Dynamic Policy-based Routing (PbR) / Path Selection
- WAN Optimization & Acceleration
- Load balancing/auto-failover (MPLS, Ethernet, DIA & 4G)
- Cloud-based firewall or edge device firewall
- Programmable vCPE "white box" solutions
- Full MPLS / Hybrid WAN Integration Support

SD-WAN Partners



Global SDN Cloud-Enabled Backbone



SD-WAN Topology & Design

