

TATA COMMUNICATIONS HELPS TRANSFORM INDIAN BANKING GIANT'S NETWORK WITH SDWAN

"Simple and scalable is what we needed and that's exactly what we got. The SDWAN set up by Tata Communications simplified our network operations by providing a centralized management platform. We now have a panoramic view of our network infrastructure and can analyse & manage it from a single dashboard at our NOC" **BANK SPOKESPERSON**

CHALLENGE

As one of India's largest Bank, the entity had 2000 branches spread across the country. The Bank had a complex WAN Architecture, comprising of multiple network providers for connectivity and legacy Cisco routers across its branch sites. Due to technical constraints with the current network infrastructure, the Bank was keen to transform its WAN network.

The legacy network also lacked the ability to intelligently route traffic across WAN Links causing inconsistent application performance and increased latency

The Bank was on the lookout for a centralized platform which would provide configuration, monitoring & analysis of its multi-provider set-up, along with automated application aware routing.

A prerequisite was that the platform be scalable to support up to 4000 branches keeping in view the Bank's future expansion roadmap.

In the long term, the Bank planned to have a Cloud adoption strategy and required its WAN network to be geared up to support the adoption.

SOLUTION

Tata Communications enabled CISCO SDWAN was a perfect replacement for the Bank's legacy routers and other network requirements. The SDWAN consists of three parts, namely, the VBond, VManage and VSmart. The VSmart controller oversees the control of the network. The VManage Network Management System provides a visual window into the Network through which the Bank can configure and manage the network devices. The VBond orchestrator makes it possible to onboard CPEs and push policies centrally. The Zero-touch provisioning (ZTP) attribute in SDWAN eliminates the need to have an engineer at individual locations to push policies and configure network devices.

The SDWAN has inbuilt features of bandwidth utilization, load balancing and the ability to map applications to the appropriate connectivity option. This enables optimized usage of available WAN links.

All-in-all, the SDWAN reduced the complexity of managing the existing networks, allowing the Bank to control and configure its complete WAN network infrastructure on a single centralized dashboard within minutes instead of days.

RESULTS

Centralized management on a single pane of glass enabled full visibility and control over network infrastructure.

Efficient bandwidth utilization, load balancing and application aware routing improved application performance and enhanced security

Better application performance and optimum usage of WAN Links resulted in significant cost saving

Zero-touch provisioning simplified operations, improved efficiency and lowered IT expenditure

The solution is easily scalable to meet the Bank's future requirement of supporting up to 4000 branches

SDWAN future-proofs the customer's set-up by enabling easy adoption of cloud based applications



Single-Pane of Glass Management Portal



Real-Time Reporting & Analytics



Significant Cost Savings



Anti-DDoS Capability

SERVICE & SUPPORT

The Bank did not have an internet cloud in their existing set-up. Tata Communications team went the extra-mile in educating the customer and incorporating the future Internet Cloud as part of the overall SDWAN Solution design.