

## Objective

Migrate WAN connectivity from MPLS to DMVPN with Cisco ISR

## Solution

Total Sites across PAN India – 65 Locations

Cisco ISR routers – Cisco ISR 4221 Routers

Cisco ISR routers – Cisco ISR 4321 Routers

Cisco ISR routers – Cisco ISR 4331 Routers

## Business Impact

- Reduced integration cost for voice and video with VPN security by 60%.
- Enabled simplified and direct communication between branches for various applications.
- Reduced the deployment complexity and time from 15 days to 2 days.
- Prevents disruption of business-critical applications and services which in turn improves the level of business resiliency

## Industry

Manufacturing Industry

# Introduction

A multinational specialist in manufacturing. In India, they've maintained their presence as the leader in the protection business for over two decades, and leverage global knowledge to customise offerings locally, delivering end-to-end solutions across categories and sectors, from residential and commercial, hospitality and industrial. They have progressively developed product ranges for wiring devices, home automation, door entry, lighting management systems, cable management and structured cabling to add to our core offerings of circuit breakers and distribution boards.



# Challenge

Being a multinational leader and maintaining a large array of products and services, it was only prudent that with their level of users and activity they maintain a WAN connectivity that is able to scale according to the needs of their organization while optimizing the level of redundancy available.

At the moment, the client was facing challenges with their current WAN connectivity that was supported on Multi-protocol label switching (MPLS) and wanted to migrate to a more efficient WAN solution. MPLS is burdened with the fact that it relies entirely on traditional networking architectures comprised of hardware that must be purchased, configured, and managed in-house in order to achieve optimal results.

Digital ready infrastructure, analytics and assurance and policy-based automation make the Cisco 4000 series an ideal choice for WAN connectivity for a leading manufacturing firm.

## Solution

The client is based in 26 offices spread across the country, 3 manufacturing facilities, 10 training centres and an extensive network of over 750 distribution partners and more than 11500 retailers, consolidates the client's vast network. Such a widespread network meant that this migration was one-of-a-kind.

Swan's DMVPN focused solution supported with Cisco ISR routers meant that there would be simplified operations and deployment of virtual network services on any platform, Cloud-delivered, secure, flexible and rich services architecture that delivers the best user experience over any connection and Visibility into 1000+

applications for capacity planning and prioritization. Due to the solutions provided by Swan's expertise, the client also derived a lower level of capital and operational expenses, this even lead the **cost to integrate voice and video with VPN dropped by 60%**. With this solution, the client was able to even reduce the deployment complexity as well as time, with deployment time reducing from **15 to 2 days**.

Swan had maintained an active involvement throughout all the stages and was critical to the project from the start to the end. Right from design to pilot deployment, and then through the rollout and support phases, Swan's support was crucial in easing the process of this complex deployment.

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