

Case study

# Driving Network Cost Optimization Through an End-to-End SD-WAN Transformation



## Overview

A global specialty chemicals provider undertook a large scale network transformation to modernize its fragmented, multi vendor infrastructure across offices, warehouses, and cloud environments. Limited visibility, inconsistent security, and rising operational complexity constrained agility and increased costs. We partnered with the client to deliver an end-to-end managed network transformation, enabling a unified SD-WAN architecture, secure access, centralized operations, and cloud-based security. The engagement delivered improved reliability, stronger security, and significant cost efficiencies across the global network landscape.



## Client Background and Challenges

The client operates a globally distributed enterprise network supporting critical business operations across multiple regions. Over time, regional isolation, legacy network devices, and multiple vendors resulted in fragmented operations, limited visibility, and inconsistent security controls. The absence of centralized monitoring slowed troubleshooting and reduced operational agility, while the growing adoption of cloud services and remote access placed additional stress on the existing infrastructure. To support future growth and improve efficiency, the client required a secure, scalable, and centrally managed network model with predictable operations and optimized costs.

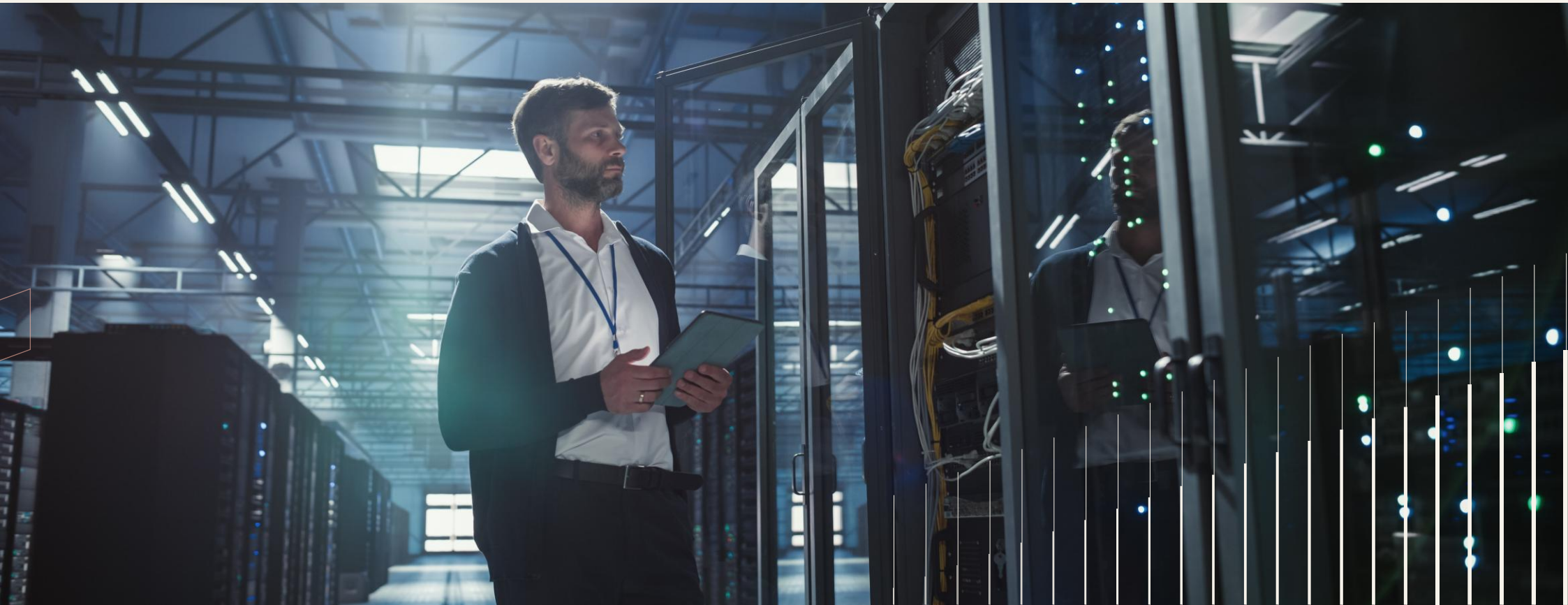
## Our Approach and Solution

- Delivered end to end managed network services, covering design, deployment, integration, 24x7 monitoring, and lifecycle operations across the global environment.
- Migrated the client from regional, isolated networks to a unified Fortinet powered SD WAN architecture supporting office, warehouse, and cloud environments.
- Implemented secure networking with next generation wired and wireless LAN using FortiSwitch, FortiAP, and FortiNAC for robust network access control.
- Enabled ZTNA based secure access for users across wired, wireless, and remote connectivity scenarios.
- Established a centralized enterprise NOC using Tech Mahindra's tool stack for granular visibility and proactive operations.
- Deployed cloud based security using FortiSASE for secure internet and private access (SIA & SPA).



## Business and Community Impact

- Achieved 30-40% decrease in WAN transport costs, with potential for an additional 15-20% savings through carrier neutral architecture.
- Enabled predictable operations through a fully managed service model, reducing internal operational overhead.
- Improved network reliability and security across all global locations.
- Established a scalable, future ready foundation to support cloud, SaaS, and mobile workforce growth.



## About **Tech Mahindra**

Tech Mahindra (NSE: TECHM) offers technology consulting and digital solutions to global enterprises across industries, enabling transformative scale at unparalleled speed. With 147,000+ professionals across 90+ countries helping 1100+ clients, Tech Mahindra provides a full spectrum of services including consulting, information technology, enterprise applications, business process services, engineering services, network services, customer experience & design, AI & analytics, and cloud & infrastructure services. It is the first Indian company in the world to have been awarded the Sustainable Markets Initiative's Terra Carta Seal, which recognizes global companies that are actively leading the charge to create a climate and nature-positive future. Tech Mahindra is part of the Mahindra Group, founded in 1945, one of the largest and most admired multinational federation of companies. For more information on how TechM can partner with you to meet your Scale at Speed™ imperatives, please visit <https://www.techmahindra.com/>.

\*Figures as per Q4, FY 26.



[www.techmahindra.com](http://www.techmahindra.com)

[www.linkedin.com/company/tech-mahindra](http://www.linkedin.com/company/tech-mahindra)

[www.x.com/Tech\\_Mahindra](http://www.x.com/Tech_Mahindra)

Copyright © Tech Mahindra Ltd 2026. All Rights Reserved.

Disclaimer: Brand names, logos, taglines, service marks, tradenames and trademarks used herein remain the property of their respective owners. Any unauthorized use or distribution of this content is strictly prohibited. The information in this document is provided on "as is" basis and Tech Mahindra Ltd. makes no representations or warranties, express or implied, as to the accuracy, completeness or reliability of the information provided in this document. This document is for general informational purposes only and is not intended to be a substitute for detailed research or professional advice and does not constitute an offer, solicitation, or recommendation to buy or sell any product, service or solution. Tech Mahindra Ltd. shall not be responsible for any loss whatsoever sustained by any person or entity by reason of access to, use of or reliance on, this material. Information in this document is subject to change without notice.