

Retail Giant Network Transformation

A Fortune 100 retailer leverages Lumen® IP VPN with Multi-service port for IP VPN and DIA for seamless hybrid connectivity

Business challenge and objectives

- Needed a network solution that could support both private transport for internal communications back to headquarters with sales and inventory information and public internet for guest Wi-Fi and store needs
- Managing separate public and private networks can increase complexity, cost, and operational inefficiencies
- The need for secure access to confidential data and applications, across all store locations and devices can be difficult to manage as the business scales and security threats evolve

Lumen solution

Lumen IP VPN

Provides a secure, private lane for sensitive data, enabling high security for corporate communications

Lumen DIA

Offers quick access to public clouds and online services, combining private and public traffic on a single connection, to help reduce the complexity

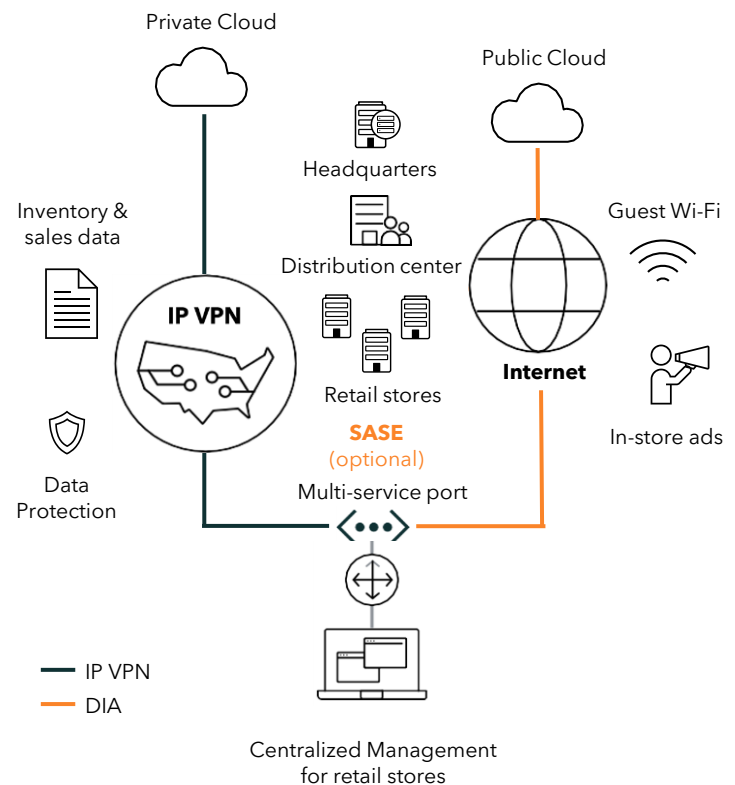
Multi-service port

Supports both private (MPLS VPN) and public (Internet) traffic on a single circuit, eliminating the need for separate networks

Provides both Lumen DIA and Lumen IP VPN at the same cost as Lumen DIA alone, optimizing costs and simplifying billing

SASE (potential optional add on)*

Integrates advanced security protocols and simplifies network management



Business outcomes

- **Cost reduction & streamlined IT operations:** By consolidating private and public network traffic onto a single multi-service port, the retailer significantly reduces network management costs, simplifies IT management and minimizes network complexity
- **Scalability & flexibility:** The multi-service port enables seamless expansion, and optimizes network performance by enabling bandwidth allocation and seamless site changes without physical upgrades
- **Secure & consistent connectivity:** Provides reliable, high-performance connectivity across private, public, and multi-cloud environments, maintaining security and consistency to support critical applications and data transfers

*Future Consideration: SASE was not implemented in this scenario; it is included here to illustrate how it can be used to enhance the IP VPN solution