

SD-WAN Powers ATM Expansion with 260K AED Annual Savings and Enhanced Security

Industry: Retail

Size : 2500+ employees

Region: United Arab Emirates



Business Problem

The client relied on costly, ISP-managed GPRS connectivity for offsite ATMs, facing long deployment timelines, high CAPEX and OPEX, and security risks due to lack of control over patching and device management—hindering scalability, flexibility, and operational efficiency.

How Intertec Helped

Intertec deployed a modern, self-managed SD-WAN solution for the client's offsite ATMs, eliminating the need for ISP-controlled infrastructure and enabling rapid, secure deployments. Key actions included:

- Deployment of Forti-Extender with 5G at remote ATM locations for agile, high-speed connectivity.
- Site-to-Site VPN Tunnel created between each ATM location and the data center's perimeter firewall, ensuring secure and controlled communication.
- Traffic Restriction Policies were enforced to allow only ATM-specific data transfer, enhancing performance and compliance.
- Intrusion Prevention System (IPS) features were activated at the perimeter to detect and prevent malicious activities.
- Security Ownership Shifted to the client's MSP, enabling full control over patching, hardening, and vulnerability management.

Business Outcomes Delivered

The implementation of SD-WAN delivered significant operational, financial, and security benefits:

- **Rapid ATM Deployment:** Reduced setup time from 20 days to 2 days by removing ISP dependency.
- **Enhanced Security Posture:** Full device control enabled regular patching, hardening, and VAPT under the client's MSP.
- **Faster Connectivity:** 5G links provided 15 Mbps bandwidth, accelerating maintenance activities and patch rollouts.
- **Massive Cost Reduction:**
 - OPEX slashed by 99%, from AED 294K to AED 2.5K per year.
 - CAPEX cut by 33%, eliminating proprietary ISP hardware.
- **Annual Savings:** Enabled the client to save approximately AED 260K per year.