

Omada Enables Full-Scale Network Overhaul for 9-Story Office Building in Vietnam

Project Scope

Upgrade the network for a 9-story office building.

Challenges

- Unstable Wi-Fi Connections Lowering Productivity
- Lack of Centralized Management Tools, Complicating IT Operations

Customer Profile

Name: Vietnam DSS
Industry: Office
Location: Vietnam

Solutions

- OC200 Controller × 1
- ER7206 Gateway × 1
- ER605 Gateway × 1
- SG3428 Switch × 4
- SG2428P Switch × 1
- SX3008F Switch × 2
- SG1008MP Switch × 1
- LS105GP Switch × 4
- EAP653 Access Point × 8
- EAP650 Access Point × 5

The 9-story DSS Vietnam office in Hanoi struggled with outdated infrastructure, Wi-Fi dead zones, performance bottlenecks, and complex maintenance, hindering overall efficiency. Omada delivered a complete solution to modernize the network and enhance security.

High-Speed Wi-Fi 6 Coverage Across the Entire Building

By deploying high-performance Wi-Fi 6 access points, including EAP653 and EAP650, the wireless network environment of the entire office building was significantly improved. This resolved issues such as weak signals and uneven coverage, which previously caused frequent disruptions in work and meetings. From open office spaces and meeting rooms to underground areas, employees now enjoy a stable and seamless network connection experience.



Optimized Network Performance to Ensure Business Continuity

The network architecture followed a tiered deployment strategy: the ER605 gateway secured the executive network, while ER7206 managed load balancing for the employee network. This optimized allocation ensures stable performance, even under heavy device loads.

Additionally, a system of gigabit PoE switches—including SG2428P, SG3428, SG1008MP, and LS105GP—provides high-speed wired connections for the entire building while maintaining a stable

power supply for Wi-Fi devices and security cameras.

Omada SDN Centralized Management Simplifies Network Operations

Previously, IT personnel had to manage and maintain the system across multiple layers. With the Omada OC200 controller, the entire network system can now be centrally managed. The IT team can easily monitor and configure the system remotely through a unified web interface, significantly enhancing operational efficiency.

