

Health and Beauty Company

Transforming Networks for Enhanced Work Productivity at Seoul's Health and Beauty Company

Customer at a glance



Customer Name

Health and Beauty Company



Industry

Health and Beauty



Location

Seoul, Korea



Customer Background

A Seoul-based health and beauty company needed to update its outdated network infrastructure at headquarters and two branch offices. The headquarters, with its large space and a substantial number of wireless clients, requires a new network infrastructure capable of accommodating high traffic demands. In contrast, the branches have smaller offices and fewer users, necessitating a different approach to meet cost-effectiveness and efficient network utilization.

Summary

The Seoul-based health and beauty company chose Zyxel's solutions to build its new network and facilitate seamless work processes. Zyxel's USG FLEX 700 firewall was deployed at the headquarters, along with USG FLEX 200 firewalls at branch offices, to establish secure network communication through IPSec VPN. The HQ and branch office equipment were interconnected using the site-to-site method, facilitating network communication between branch office PCs and head office servers. Additionally, the implementation of SecuExtender, an SSL VPN software, enabled remote access to the internal server from anywhere with an internet connection, providing flexible remote work options without the need for additional programs or VPN gateway devices. For optimal network performance in densely populated environments, WiFi 6 APs were chosen. The high-end WAX650S APs catered to HQ's user demands, with smart antennas and BSS Coloring reducing interference and processing data efficiently. Branch offices used WAX610D APs to create an optimized wireless environment for high work efficiency. The APs ensured high-quality connectivity for service-sensitive video data with QoS. To guarantee network stability and prevent cable misconnection issues, L2 switches were used to offer gigabit connectivity and power the APs. The network allows real-time control of all network devices and notifications for efficient maintenance and prompt issue resolution.

Challenges

- Enable secure and robust network communication between HQ and branches
- Establish high-performance, failure-proof networks for seamless work environments and video conferencing
- Create an office-like work environment in external meetings or home offices

Benefits

- Low-latency wireless connectivity for multiple simultaneous user connections
- Employees can seamlessly transition and work across different locations without disruptions or difficulties
- Simplified and responsive management of multi-branch and remote work networks

Products used

- USG FLEX 200/700 Firewall
- XGS4600-32F L3 Aggregation Fiber Switch
- WAX650S/WAX610D WiFi 6 Access Point
- GS1920-8HP/24/48 Smart Managed Switch
- XS1930-12HP Lite-L3 Smart Managed PoE Switch