

Taipei Traditional Market

Revitalizing Taipei's Traditional Market with Comprehensive Network Renovation

Customer at a glance



Customer Name

Taipei Traditional Market



Industry

Retail



Location

Taipei, Taiwan



Customer Background

Located in Taipei, this historically significant traditional market has undergone a renovation with a sleek and complementary appearance. Encompassing a substantial area, the revamped market accommodates over two hundred stalls, complemented by renowned local restaurants, creating a delightful shopping environment. Beyond its modern physical appearance, the market has embraced digital payment methods and incorporated a smart management system, ushering this traditional marketplace into the digital age.

Summary

After an extensive renovation, the renowned traditional market in Taipei now boasts a modern multi-story structure. The integration of digital payment and intelligent management systems is a notable upgrade. However, the rise in foot traffic and expanded indoor space poses challenges for deploying wireless networks, including increased demands on network capacity and addressing signal interference across different floors and devices. Traditional omnidirectional antennas may struggle to meet the network reception and coverage requirements. Recognizing that a high-speed and reliable network is essential to enhance user experience, the market has established a secure and seamless network environment with Zyxel's solution. Zyxel's WiFi 6 APs, featuring MU-MIMO, 4G/5G filters, and innovative antenna technologies, ensure fast and stable wireless connectivity. Safeguarded by Zyxel's advanced security firewall, users can alleviate concerns regarding data security. Zyxel's network switches, equipped with Power over Ethernet and Multi-Gigabit Ethernet technologies, streamline management and improve overall convenience. They can help save installation time and costs by eliminating the need for additional wiring. Furthermore, the committed Zyxel team and system integrator offer thorough post-sales assistance, ensuring timely resolution of issues and reliable service.

Challenges

- Handle growing network demands from user activity across a broad market area
- Address signal interference across different floors and devices to ensure a seamless and reliable wireless experience

Benefits

- Fast and stable wireless connectivity meets the demands of a dynamic and bustling market
- Robust cybersecurity protection ensures a safe and hassle-free shopping experience
- Streamlined and efficient network management without time-consuming additional wiring

Products used

- USG FLEX 700 Firewall
- WAX610D/WAX650S WiFi 6 Access Point
- GS1920-24HPv2 Smart Managed PoE Switch
- XS3800-28 L3 Aggregation Switch
- XGS2210-28/28HP L3 Access Switch
- XGS2220-30/30F L3 Access Switch