



Enhancing Connectivity with Scalable, Effortless Solutions to Support Growth

Overview

A prominent organization was in search of a networking solution for their multiple offices and mall that would not only enhance their infrastructure but also be cost-effective, scalable, and easy to manage. With a growing number of users and devices relying on their network for daily operations, the organization sought a product that would provide fast, reliable connectivity while also being simple to operate and maintain. After an extensive evaluation process, which included tests at one of their malls, the organization selected Zyxel Networks' products as the optimal solution to meet their needs. By choosing Zyxel Networks for this important upgrade, the organization was able to future-proof their networking infrastructure while keeping costs under control. The selected products have delivered on their promise of performance, scalability, and ease of use, positioning the organization for continued success in the years to come.

Challenges

As the organization expanded their operations across various sites, including offices and malls, the existing network infrastructure struggled to keep up with the demands of increasing numbers of users and connected devices. Network speed and stability were becoming significant issues, with slower connections and occasional downtime affecting operations. Besides, managing a distributed network across multiple locations added complexity. They needed a flexible and scalable solution that would provide consistent and reliable performance across all their premises while also being simple to manage from a central location.

Solutions

After testing various solutions across different locations, the organization decided to go with Zyxel Networks due to their strong performance and affordable pricing.

Customer

Leading Retail Group

Industry

Retail

Location

UP, India

Customer Background

The organization is a prominent business conglomerate with a rich history, established by a visionary founder. Over the years, they have grown into a leading force across multiple industries. Built on core values of hard work and teamwork, the organization's diverse portfolio spans various sectors, including manufacturing, real estate, retail, beverages, sports, education, and entertainment.



To ensure fast and reliable wireless connectivity, they deployed Zyxel's WAX610D WiFi 6 access points at all their sites, including offices and mall. These access points provided solid coverage in both high-traffic indoor areas and open spaces. To streamline power and data management for connected devices, they also installed GS1920-8HPv2 switches with Power over Ethernet (PoE) capabilities at multiple locations.

For larger deployments and to handle increasing network traffic, the organization added GS2220-28HP switches, which offered more ports and greater scalability. In outdoor areas and more challenging environments, the NWA55AXE outdoor access points were chosen to provide strong, stable wireless coverage.

The organization's IT team found the Zyxel Nebula cloud-based management platform to be especially valuable. The Nebula solution gave them a unified view of the entire network, making it easier to manage everything from one interface and allowing them to focus on other important tasks, ultimately boosting their productivity.

Results

The implementation provided immediate improvements in the organization's network performance and successfully upgraded their infrastructure with a high-performance, scalable, and easy-to-manage network, which positioned themselves for future growth. This comprehensive upgrade not only reduced the complexity of managing a distributed network but also delivered measurable improvements in operational efficiency and cost savings. The infrastructure is now future-ready, with the scalability to accommodate the organization's continued growth while maintaining optimal performance across all locations. The seamless integration and management capabilities have freed up valuable IT resources, allowing the team to focus on strategic initiatives rather than day-to-day network issues.

- Enhanced connectivity and user experience with WiFi 6 technology in high-traffic areas
- Simplified network management through the centralized cloud platform
- Future-proofed infrastructure with scalable solutions for growing operations

Product List



- WAX610D WiFi6 Access Point
- NWA55AXE WiFi 6 Outdoor Access Point



- GS1920-8HPv2 Smart Managed PoE Switch
- GS2220-28HP L2+ PoE Switch



- Nebula Control Center

