Kurukshetra University Triumphs over Connectivity Challenges with Zyxel Solutions

Overview

Kurukshetra University in Haryana, India, faced WiFi connectivity issues on its sprawling campus. To address this, it partnered with Zyxel Networks. Deploying WAC6103D-I access points for indoor coverage and NWA55AXE outdoor access points to bridge buildings, the university achieved reliable, high-speed connectivity. Managed via Nebula, this cloud solution greatly enhanced network stability and performance, providing a high level of success for the institution.

Challenges

Kurukshetra University had a bit of a pickle on its hands – its WiFi was acting up all over its huge 400-acre campus. It needed a fix that wouldn't break the bank but could still get the job done pronto. The school's local vendor suggested Zyxel Networks' solution, but getting it set up across the campus wasn't exactly a walk in the park. Figuring out where to place all those access points and getting the hang of the new cloud-managed system might not be easy, and it required ensuring that the new network could keep up with its growing needs.

Solutions

To tackle the WiFi connectivity challenges at Kurukshetra University, a comprehensive solution was implemented leveraging Zyxel Networks' wireless technology. The approach involved strategically deploying WAC6103D-I access points across multiple floors to ensure reliable and high-speed connectivity throughout the campus. Additionally, NWA55AXE outdoor access points were installed on exterior walls to seamlessly bridge connectivity between buildings.

A pivotal aspect of the solution was the adoption of Zyxel's Nebula solution. This allowed the university's IT team to efficiently oversee the entire network from a centralized point. With this cloud networking management platform, administrators could easily monitor, configure, and troubleshoot network devices, enhancing operational efficiency and simplifying management tasks.

Customer
Kurukshetra University

Industry
Education

Location
Haryana, India

Customer Background
Established in 1956, Kurukshetra University is a unitary residential institution with its foundation stone laid by Dr. Rajendra Prasad, India's first President. Located in Kurukshetra, the city famed for the 'Mahabharata' battle and Bhagwad Gita's teachings, the campus spans 400 acres on the western bank of Brahm Sarover. From its humble beginnings with the Department of Sanskrit, the university has evolved into a leading center for advanced study and research in the region.

Moreover, Zyxel's reputation for delivering high-performance and cost-effective solutions ensured that the deployed infrastructure met the university's immediate needs while also offering scalability for future growth. By opting for a locally supported solution, Kurukshetra University could rely on prompt assistance and expertise for timely resolution of any network-related issues.

Results

In conclusion, Zyxel Networks' wireless solution has effectively addressed Kurukshetra University's WiFi connectivity challenges, providing a scalable, high-performance, and locally supported infrastructure. The successful deployment underscores Zyxel's commitment to delivering innovative networking solutions tailored to the needs of educational institutions, ultimately enriching the learning and working experience.

- Uninterrupted wireless connectivity across the campus
- Centralized cloud network management ensures streamlined and efficient device supervision
- Ultra-fast wireless solution at a reasonable cost

Product List

- WAC6103D-I 802.11ac Access point
- NWA55AXE Outdoor WiFi 6 Access Point