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M2

Omada Delivers **Reliable Wi-Fi 6 Connectivity** for 2000 Sq. Ft. Workspace in India

Project Scope

Provide stable Wi-Fi 6 connectivity for 2000 Sq. Feet workspace

Customer Profile

Name: M2 Animation Studio
 Industry: Commercial & Building
 Location: India

Solutions

- EAP660HD
- ER7206
- SG3210XHP-M2

Omada has delivered a reliable and secure high-bandwidth Wi-Fi 6 network solution for M2 Animation Studio's 2000 square foot workspace, enabling its employees to smoothly use animation software in high-density scenarios with multiple endpoint access.

Omada's Wi-Fi 6 APs Provide High-Speed, Reliable Connectivity for High-density Scenario

In the animation production process, there is a need to handle substantial data, including high-resolution images, video streams, and 3D models. Concurrently, multiple devices within the studio, such as computers, servers, NAS, and mobile devices, require simultaneous network connectivity. These requirements place a premium on the network's speed, capacity, and stability.

To address these challenges, Omada offers a robust network solution combining the Wi-Fi 6 access point EAP660HD with the L2+ managed switch SG3210XHP-M2. The EAP660HD is equipped with 802.11ax technology, delivering dual-band speeds of up to 3600 Mbps. It utilizes 4x4 MU-MIMO and OFDMA technologies to support a higher density of concurrent clients without degrading network performance. The SG3210XHP-M2 switch, featuring 10G fiber and 2.5G Copper ports, unlocks the full bandwidth potential of WiFi 6 access points.

This multi-gigabit network solution suitable for high-density environments provides M2 Animation Studio with a future-proof network infrastructure that can scale as it grows.

Effortless Network Deployment with Omada's PoE Switches and Heat Map Software

Omada offers multi-gigabit PoE switches that empower the deployment of Wi-Fi 6 APs without the need for additional electrical wiring, thereby simplifying the cabling process and significantly reducing installation expenses.

Moreover, leveraging the heatmap software of Omada Controller, one can visually assess the wireless signal strength across the entire 2000 square meter workspace. This tool allows even non-IT personnel to swiftly optimize the positioning and configuration of Access Points, ensuring the best possible Wi-Fi coverage and a seamless wireless

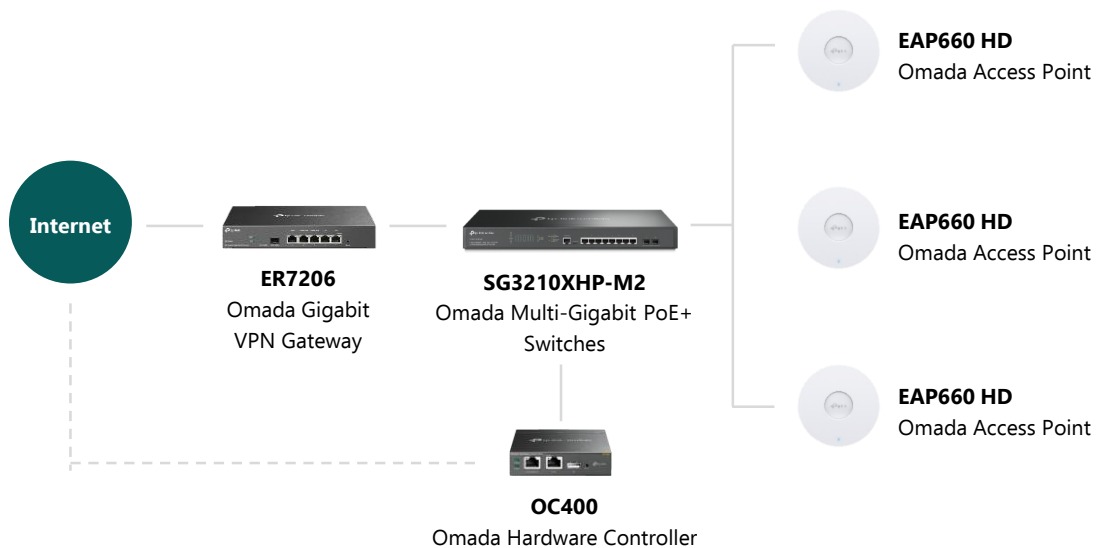
experience.

Robust Security Measures to Prevent Data Breaches and Unauthorized Access

For the animation industry, safeguarding intellectual property and creative content is of utmost importance. Omada's Guest Network enhances secure access for visitors sharing your Wi-Fi network, with captive portal ensuring that only authorized guests can utilize the network. WPA3 technology provides heightened data security for previously insecure and open Wi-Fi hotspots, effectively preventing data breaches and unauthorized access.

"From the initial site survey to pre-planning visits and the actual installation of the entire wireless setup, the Omada team and their SolutionX Partner Sejutronics team exceeded our expectations. We are delighted with the after-sales service and support provided by the team, and we look forward to their continued availability in the future."

—Mr. Kayash, Networking Consultant for M2 Animation Studio



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