# Working in a Smarter Space with Prism Wi-Fi

## Settle an optimized Office with High Performance Enterprise-Level Wi-Fi

**BACKGROUND STORY**

Object: AMPAK Technology Inc.

Location: Zhubei City, Taiwan

AMPAK is a company with over 20 years of experience in wireless module R&D, design, production, marketing and product technology integration services. Also specializes in provision of professional services for wireless IoT modules.

To facilitate global expansion, Amapk decided to relocate to a new one and extend the space larger than existing office. Expanding Amapk's organization and business is essential for maintaining the company's success stability.

The new office covered around 3,300 sq. meter (36,000 sq. ft.) and located in the newly completed Zhubei Silicon Valley, flagship Chang-Yih Hi-Tech Industrial Park, and neighbor with Qualcomm Semiconductor, Micron, MediaTek, etc.

The wireless network is an important element of technical-driven business. When it’s efficient and secure, business will operate smoothly and staff deliver services promptly.

**REQUIREMENTS**

- Connected with central controller (redundancy required) for management.
- Secure access for staff with Active Directory authentication.
- Security requirements with identity for client-device access.
- High speed and better user experience.

**CHALLENGES**

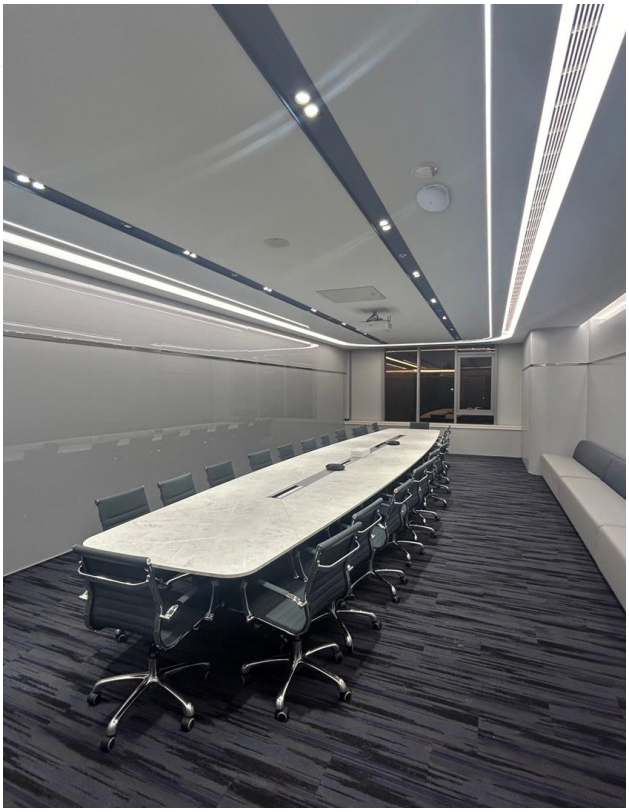
Installation and maintenance costs can soon add up for deploy a large-scale Wi-Fi network. Providing a public access to the internet without implementing restrictions will be exposure to risk.

The Wi-Fi service should be able to handle business and industry's compliance and security requirements, including encryption, identity and access management for staff-and guest device access, and other features.

Ensuring the network is up to their standards is an ongoing challenge.

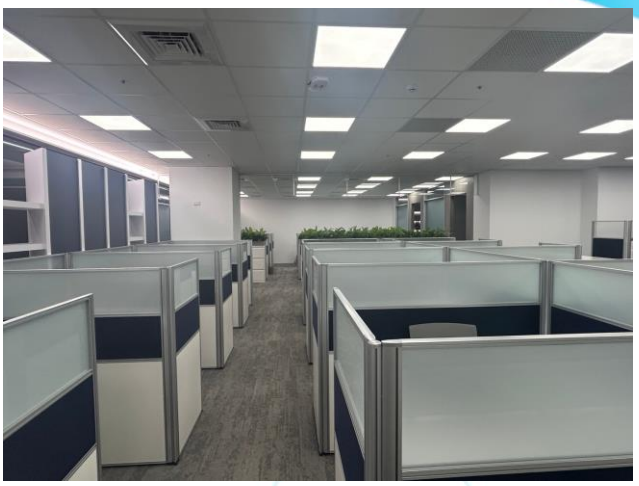
**PRISM SOLUTIONS**

- Prism MI10 Wi-Fi 6 AX6600 Tri-Radio Mesh Router for 18 units.
- MX100 PrismX™ Controller BOX for 2 units, one redundant.
- MS12 PoE Switch



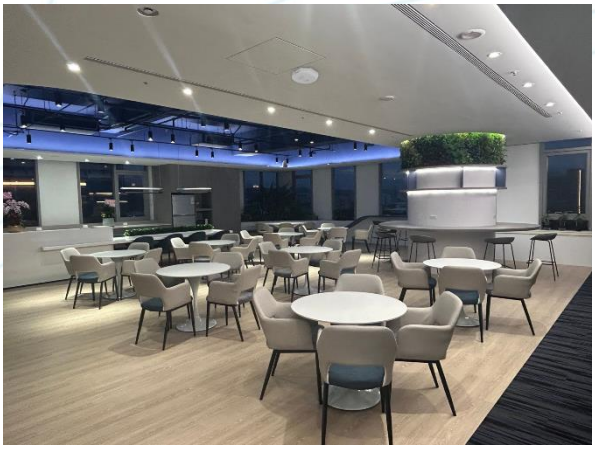
Prism is designed to deliver an optimal user experience for end users. It can be deployed quickly and with minimal upfront cost.

To provide a reliable Wi-Fi service, Prism MI10 achieves the right balance between signal coverage and avoiding dead zones and overlapping. This ensures uninterrupted communication with a stable signal.
For security and compliance, Prism uses AD Authentication to control and secure access by verifying and granting user access to the domain. The Guest Portal Login feature allows guests to connect to the network using a One Time Password (OTP).



MX100 PrismX Controller Box with a secure and user-friendly dashboard that enables administrators to manage wireless network access remotely.

Prism Wi-Fi solutions provide enterprise-level businesses with a super-fast and high-density wireless networking solution tailored for high-density spaces.



Prism provides Wi-Fi service to utilize and build up the Internet of Things (IoT) smart work environment to enhance the work efficiency.

For further details and case studies, visit [www.prismwifi.com](http://www.prismwifi.com)