PRISM Wi-Fi 6 Links Natures and Coffee

BACKGROUND

Clients: Chamcha @ Doi Kham
Location: Chiang Mai, Thailand
Local Partner: TNS Network Solutions

Chamcha is a lovely garden café located in the southwest suburbs of the city of Chiang Mai. The café, surrounded by a lively forest atmosphere, offers excellent coffee, brilliant dishes, and a warm welcome from their friendly staff. It has been a favorite destination for locals and foreign tourists alike since its opening in 2019, hosting various events such as birthday parties, weddings, and local festivals.

As customers often spend several hours enjoying their time, the café offers a Wi-Fi hotspot for them to share their pictures and videos.

The Wi-Fi connections also prove useful when customers place their orders online via the E-menu system. Subsequently, their order and payment details are sent to the POS devices at the front desk through the local network.

The owner is considering an upgrade to their existing network to accommodate the ever-growing number of customers and to improve the overall experience for them. TNS Network Solutions and Prism Wi-Fi Solutions are working together to bring this vision to life.

REQUIREMENTS

Chamcha aims to upgrade its current Wi-Fi infrastructure by replacing the existing Wi-Fi access points (APs) with the latest Wi-Fi 6 standard to enhance speed and capacity. The current system often underperforms during weekends when there are too many clients using the Wi-Fi hotspot.

The new APs must effectively cover the

entire facility of about 13,000 sq. ft. without increasing their number, utilizing the existing cable system. They are also expected to be incorporated with the current E-menu system. Therefore, the coverage needs to be wide and stable, ensuring that all customers can have good accessibility.

The proposed solutions should be as budget friendly as the previous ones, while ensuring they can be managed and controlled through a centralized management system. Both the APs and the management system should be easy to deploy and maintain.

PRISM SOLUTIONS

- Prism MI12 Wi-Fi 6 Indoor Dual-radio Router
- PrismX MX100 Controller Box

The Prism MI12, equipped with the latest Wi-Fi 6 standard, provides a faster connection to accommodate a larger customer base.

A single Prism MI12 can effortlessly cover up to 3000 sq. ft., and a handful of them can ensure complete coverage of the entire café without signal degradation.

Additionally, the newly added MI12s are powered through the existing PoE connection, eliminating the need for extra power cables.

All MI12s are controlled and managed by a PrismX MX100 controller box. The owner and staff can effortlessly monitor the connection status through the PrismX Web GUI, thereby obviating the necessity for physical checks on individual APs.

The PrismX also provides build-in Captive Portal. The owner can set up scheduled one-time passwords (OTPs) for Wi-Fi access, or simply make it public and free all the time.

Designed with small and medium businesses in mind, the MI12 offers affordability with a reasonable price. Coupled with its prime performance, the MI12 helps enhance the overall customer experience at Chamcha.

*The seller is Thai-Dongshun Co., Ltd. Thai-Dongshun Co., Ltd. is PRISM's official distributor in Thailand.

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