

Network and Security Solutions with TP-Link Omada and VIGI at Medivet Pet Hospital



END-CUSTOMER GENERAL PROFILE

Name: Medivet Pet Hospital

Industry: Healthcare

Capacity: 2 Clinic

Location: Jl. Cikajang No.57, RT.5/RW.5, Petogogan, Kec. Kby. Baru, Kota Jakarta Selatan, Daerah Khusus Ibukota Jakarta 12170

Used Products:

• **VIGI Camera:**

VIGI C240 × 18

VIGI C440 × 30

• **VIGI NVR:**

VIGI NVR4032H × 2

• **Omada Router:**

ER605 × 2

• **Omada Access Point:**

EAP620 HD × 8

• **Jetstream Switch:**

TL-SG3452XP × 2

BACKGROUND

Medivet Pet Hospital is a network of veterinary hospitals and clinics located in Jakarta. The facility is fully equipped to provide comprehensive veterinary services and is carefully designed for the comfort of both clients and pets. Currently, Medivet operates two branches in Kebayoran Baru and Puri Indah.

CHALLENGE

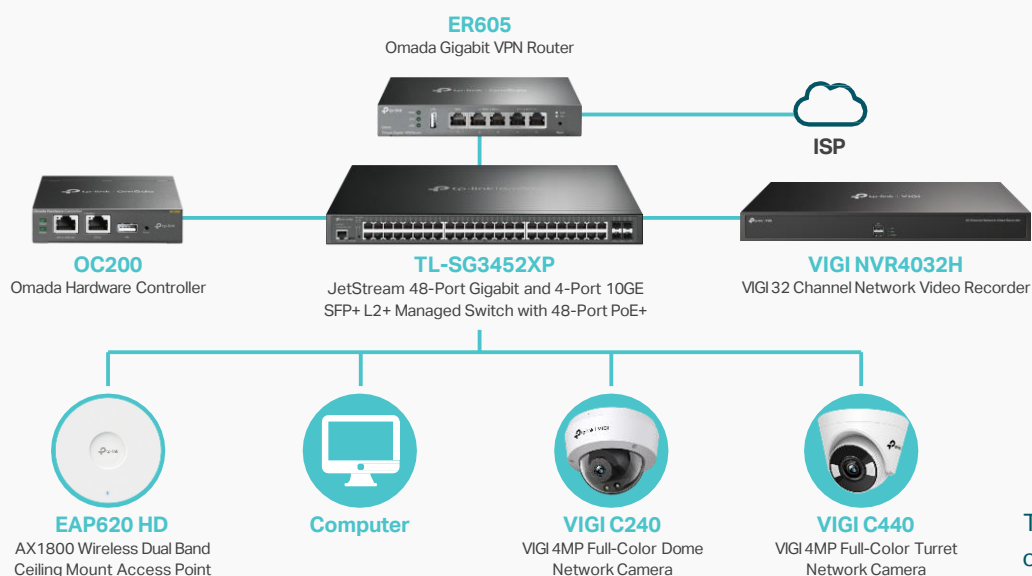
To deliver the best quality and service, Medivet Pet Hospital requires a reliable internet network and surveillance system for operations and customer needs. TP-Link offers a robust and efficient network and security solution that meets various needs, including:

- A stable internet network for staff and customer operations.
- Wide Wi-Fi coverage to encompass the entire hospital with high user density.
- A surveillance system that can be remotely monitored from anywhere.

▼ SOLUTION

Medivet Pet Hospital has chosen the Omada network solution and VIGI surveillance system to meet these needs.

- Professional Gigabit Gateway,** The ER605 router provides Gigabit speed for high-speed wired connectivity. This gateway can assign IPs to numerous devices, supporting up to 200 clients for both operational and customer needs.
- Easy and Secure Network Management,** With the Omada Controller OC200, Medivet Pet Hospital can manage the network at each branch remotely with ease, using either the software or mobile app. The intelligent and user-friendly dashboard allows for network status monitoring and various Wi-Fi authentication for guests, ensuring the network remains secure.
- Stable Connection with PoE Support,** The TL-SG3452XP features 48 PoE+ ports with a 500W power budget, ensuring stable network access for all devices such as computers, CCTV, and EAP. CCTV and EAP can also be powered through PoE ports, making installation easier and more cost-effective without the need for additional power cables.
- High-Performance WiFi AX1800,** The EAP620HD, equipped with WiFi 6 technology, provides speeds up to 1800Mbps for strong Wi-Fi signals. With 4x OFDMA* and MU-MIMO** capacities, it enhances the network up to 4x compared to WiFi 5 (802.11ac), making it ideal for high-density environments like Medivet Pet Hospital, allowing more devices to connect simultaneously in areas like meeting rooms and staff areas.
- High-Quality 24/7 Monitoring,** The VIGI Camera C240 and C440, with 4MP resolution, offer detailed full-color monitoring around the clock, even in complete darkness, thanks to high-sensitivity sensors and integrated spotlight LEDs. Medivet Pet Hospital can monitor security across all locations from anywhere using the VIGI app or VIGI Security Manager.
- High-Capacity Video Storage,** The VIGI NVR4032H supports 32 high-resolution CCTV camera channels. Equipped with four 10TB HDDs, it allows for large video storage capacity, accommodating extensive CCTV recording needs for the entire hospital.



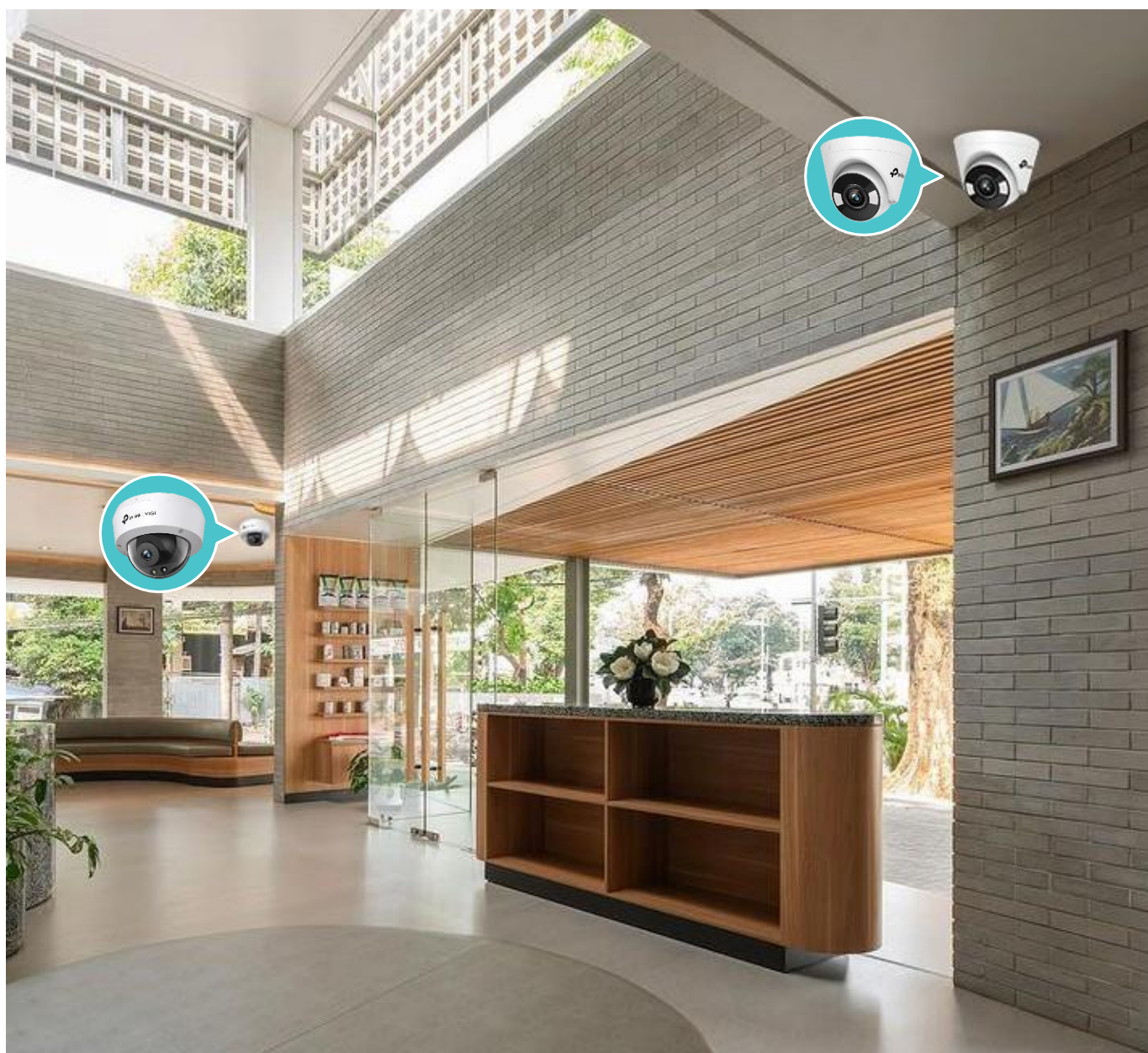
Reference Table
— Copper Ethernet

The Solution Topology of Medivet Pet Hospital For distributed network

▼ BUSINESS RESULTS

The management of Medivet Pet Hospital is satisfied with the TP-Link solution for the following reasons:

- **Wide and Stable Network Coverage:** Ensures reliable connectivity for all operational devices and staff across the hospital.
- **Fast Internet Access:** Provides efficient control over customer access through easy authentication.
- **Clear 24/7 Monitoring:** Offers high-quality surveillance to monitor activities, along with long-term video storage capabilities.



"We are highly satisfied with the TP-Link solution. The wide and stable network coverage ensures seamless connectivity for all our operational devices and staff. The fast internet access is easily controlled with simple authentication, and the clear 24/7 monitoring gives us peace of mind with its excellent surveillance and long-term video storage capabilities."

— — Medivet Pet Hospital

▼ **Related Recommended Products**



VIGI NVR4032H



VIGI C440



VIGI C240



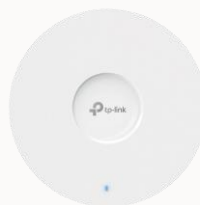
TL-SG3452XP



ER605



OC200



EAP620 HD