

Pet Villa



Introduction

Pet Villa is a premium pet boarding facility located in Hong Kong established in 2020. Their mission is to provide a comfortable, engaging, and safe environment for pets while their owners are away. They offer spacious rooms, indoor and outdoor play spaces, pet cams for owners, and dedicated staff available everyday, regardless of adverse weather conditions. With these services, Pet Villa is committed to providing pet owners with unparalleled peace of mind during their travels.

Pain Points & Network Requirements

To deliver on their promise of safety and transparency, Pet Villa has strategically deployed over 100 CCTV cameras throughout the facility, monitoring pets in rooms, common areas and outdoor spaces. However, their existing consumer-grade Wi-Fi network was unable to match the high bandwidth and connectivity demands of streaming 100+ live video feeds simultaneously. This resulted in frequent performance issues and interruptions in surveillance footage.

Pet Villa requires an enterprise-grade Wi-Fi network that could:

- Ensure seamless connection and eliminate blind spots to provide continuous surveillance video
- Prioritize CCTV and security network bandwidth over guest Wi-Fi
- Adapt to interference and optimize Wi-Fi performance despite high density of devices
- Offer robust security protocols to prevent unauthorized access to sensitive footage



HKBNES + Ruckus Solution

To address these needs, HKBNES implemented "IT.Simplified - Managed Wi-Fi" solution powered by RUCKUS access points to the facility.

Key benefits include:

- RUCKUS BeamFlex+ focuses signals towards CCTV cameras to deliver reliable, high-bandwidth connectivity.
- ChannelFly capabilities allow the network to avoid interference by automatically selecting the clearest Wi-Fi channels.

- Dynamic PSK rotation improves security by changing the password for each camera every 24 hours.

About IT.Simplified

IT.Simplified is HKBNES' one-stop shop for enterprise networking needs.

Our team of experts handle design, implementation, monitoring and optimization of Wi-Fi networks. Key aspects include:

- Site survey and network design tailored for the client's needs
- Installation and configuration of RUCKUS access points (AP)

- 24/7 real-time monitoring and troubleshooting of network performance

- Regular optimization and firmware updates to ensure peak Wi-Fi experience

With Ruckus' carrier-grade technology, HKBNES provided the secure and robust Wi-Fi solutions needed for Pet Villa to deliver on their service commitment. The managed solution also allowed Pet Villa to focus resources on core operations and unlock their business potential.

About RUCKUS Networks

RUCKUS Networks builds and delivers purpose-driven networks that perform in the demanding environments of the industries we serve. Together with our network of trusted go-to-market partners, we empower our customers to deliver exceptional experiences to the guests, students, residents, citizens and employees who count on them.

www.ruckusnetworks.com

Visit our website or contact your local RUCKUS representative for more information.

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