

Sheraton Saigon Hotel & Towers Improves Overall Situational Awareness with Arecont Vision® Megapixel Cameras

HD images, Wide Area Coverage and Low-Light Capabilities Surpass Expectations



- 76 Arecont Vision® megapixel cameras replace over 160 analog cameras with greater area coverage.
- Megapixel imaging and exceptional night viewing performance enhance overall security.
- Arecont Vision's megapixel solution delivers tangible ROI and lower TCO with increased performance and reliability.

“We demonstrated the superior performance of Arecont Vision’s megapixel cameras to provide wide area coverage in almost any lighting condition. Mr. Linh’s staff at the Sheraton Saigon Hotel & Towers was very impressed and we designed a new video surveillance solution built around Arecont Vision’s imaging technology.”

- Mr. Thomas Tran, CEO, at Citek Corporation

CUSTOMER

Located in the heart of Ho Chi Minh City’s vibrant business and entertainment district, the Sheraton Saigon Hotel & Towers is just steps from the city’s most celebrated sites, including the Reunification Palace, Ben Thanh Market, and the Opera House. The facility’s 470 spacious hotel rooms, studios, and suites are designed to provide comfort and style with personalized service and convenient amenities. True to the hotel’s brand, the Sheraton Saigon Hotel & Towers prides itself on providing the utmost in customer care, service and safety.

CHALLENGE

The Sheraton Saigon Hotel & Towers installed a video surveillance system approximately 10 years ago. The system included 160 analog cameras connected to ten 16-channel DVRs. Since then, the facility expanded and found the legacy system

was inadequate to protect the renovated property and inferior compared to present day technologies.

“We needed to install a new video surveillance system that would increase overall situational awareness while delivering the highest levels of cost-efficiency,” said Mr. Tan Linh, Chief Engineer, Sheraton Saigon Hotel & Towers. “Our preliminary research indicated that we should look at a networked solution utilizing megapixel imaging technology.”

MEGAPIXEL SOLUTION

Mr. Tan Linh contacted Mr. Thomas Tran, CEO, at Citek Corporation for recommendations on a new video surveillance system design. Citek specializes in the integration of information and telecommunications technologies with an operating philosophy based on “Our customer’s success is our success.” Citek became a certified Arecont Vision® reseller partner in 2009.

“We demonstrated the superior performance of Arecont Vision’s megapixel cameras to provide wide area coverage in almost any lighting condition,” said Mr. Tran. “Mr. Linh’s staff at the Sheraton Saigon Hotel & Towers were so impressed that we designed and built a new video surveillance solution around Arecont Vision’s imaging technology.”

The new video surveillance system Citek designed for the Sheraton Saigon Hotel & Towers employs 76 Arecont Vision® megapixel cameras. These cameras deliver greater area coverage than the previous 160 analog cameras. In addition to the savings from using far fewer cameras, the Arecont Vision® megapixel cameras are PoE which means reduced equipment and installation costs.

The Arecont Vision® megapixel camera deployment includes: fifty-four AV2115DN MegaDome® 2MP dome cameras, fifteen AV3115DN D4F/D4S Series 3MP dome cameras and seven AV5115DN MegaVideo® 5MP compact cameras.

The 2MP AV2115DN MegaDome® camera features dual H.264/MJPEG compression, true day/night operation and a 4.5-10mm megapixel varifocal lens in an IP66 vandal resistant housing. Additional features include ½” CMOS sensor with superior low light performance, 24fps image rates, multi-streaming, forensic zooming and PoE operation.

The AV3115DN MegaDome® 3MP camera features dual H.264/MJPEG compression, true day/night operation and an 8-16mm megapixel varifocal lens in an IP66 vandal resistant housing. Additional features include ½” CMOS sensor with superior low light performance, 15fps image rates, bit rate control, multi-streaming, forensic zooming and PoE operation.

The AV5115DN MegaView® 5MP flush-mount indoor dome camera features dual H.264/MJPEG compression and a 12mm megapixel varifocal lens. Additional features include 14fps image rates, bit rate control, flexible cropping, privacy masking, extended motion detection, multi-streaming, forensic zooming and PoE operation.

All features are used by the Sheraton Saigon Hotel & Towers. System cameras are controlled from a centralized security center using an Exacq Video Management System (VMS) and NVR recording solution.

MEGAPIXEL BENEFITS

According to Mr. Linh, the deciding factors in selecting Arecont Vision® megapixel cameras for his new system included superior image performance, greatly expanded surveillance coverage, better low light imaging, forensic zoom, and excellent recording capabilities. All attributes helped the Sheraton Saigon Hotel & Towers exceed its initial video surveillance objectives for the new system.

In addition to improving overall situational awareness under virtually any lighting condition, the implementation of Arecont Vision® megapixel cameras resulted in substantial savings due to reduced initial equipment costs, the elimination of related equipment such as localized power supplies, and the associated costs of installation. Since Arecont Vision® megapixel cameras feature such impressive digital pan/tilt/zoom capabilities without moving parts like conventional PTZ cameras, they are less likely to fail in the field further which reduces maintenance and total cost of ownership.

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