Case Study

Kuwait International Airport

The system includes a combination of 130 Infinova PTZ dome cameras, mini domes, fixed cameras and Infinova's network enabled video matrix switchers.

Solution: Infinova PTZ dome cameras

Infinova's Kuwait International Airport Surveillance Solution Handles Multiple Security Authority's Demands

Infinova's Ethernet networking video matrix switchers with a Video-over-IP (VoIP) option allows the surveillance system at Kuwait International Airport to meet the demands of three individual security authorities. The system includes a combination of 130 Infinova PTZ dome cameras, mini domes and fixed cameras.

The Asset Protection Department has the most encompassing responsibilities and requirements and, therefore, has priority over all cameras and networked matrix switchers. The Ministry of Interior has secondary priority over certain cameras in the system. The Civil Aviation authority has secondary priority over other cameras. Three matrix switchers control groups of cameras in the main terminal, while a fourth matrix switcher, managed exclusively by the Asset Protection Department, controls cameras in the VIP Center.

"In an installation as complex as the typical airport, there are often several different video surveillance users, each with their own priorities and requirements," explains Milind Borkar Infinova vice president, sales Middle East & India. "Installing separate, dedicated systems for each user can be cost prohibitive, wasteful and often impractical. Designing a system that simultaneously meets the requirements of all of those various users requires components that are flexible and versatile."

Infinova®
The Integrator's Manufacturer

Because Infinova's matrix switchers are Ethernet networked right out of the box, building these separately controlled groups of cameras into one cohesive system was relatively easy and cost-effective. Through the main matrix switcher, the Asset Protection Department can select, view and PTZ control not only the cameras directly controlled by that switcher, but the cameras controlled by the other three switchers as well.

In addition, the Video-over-IP feature used in conjunction with Infinova's Infinet™ client software, allows camera selection, viewing of MPEG4 digitized video, and control of PTZ functions over the network from work stations via the software's virtual keyboard. Each matrix switcher provides outputs to monitors as well as Infinova VIP video codec servers. All priorities for camera control and viewing are easily programmable via the matrix switcher software so that each security authority has exactly the camera access and priority required. Fiber optic Ethernet transceivers interconnect the video matrix switchers.

By helping channel partners provide their customers with complete, affordable, best-in-class, large and small video surveillance solutions, Infinova helps integrators generate more business more profitably. Leveraging a manufacturing process certified to ISO 9001:2000 standards and over 250 engineers with a list of video industry firsts, Infinova channel partners provide their end-users with industry-acknowledged product reliability and technical leadership.

So that Infinova channel partners can create complete solutions, Infinova provides IP surveillance cameras and components, CCTV analog cameras, DVRs and components, camera accessories, monitors, power supplies and fiber optics communications devices. Infinova also has the technical ability and manufacturing flexibility to let integrators propose customized solutions. In addition, Infinova will partner with other manufacturers making other surveillance equipment and software to help its channel partners create turnkey solutions. Contrary to most other companies, Infinova will back-up their partners' products as well as its own to assure both the integrator and its customers that one call – to Infinova only – takes care of everything.

Infinova works diligently to assure its channel partners can provide cost-conscious solutions. With Infinova's hybrid systems, channel partners can propose systems that protect a customer's investment in its already-installed analog surveillance system but that also put them on a dynamic migration pathway to IP systems.

Infinova is lauded for its exceptional maintenance programs. A major highlight is the company's 24-hour advanced replacement policy in which a substitute product is shipped immediately upon notice of a problem.

With such customer focus, Infinova is often referred to as "the integrators' manufacturer."

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