

Axis builds cutting-edge network video surveillance system in Busan Global Village.

HDTV network camera used to achieve outstanding image quality.



Organization:
Busan Global Village

Location:
Bujeon-dong, Jin-gu,
Busan, South Korea

Industry segment:
City surveillance

Application:
Video surveillance

Axis partner:
MarvelQuest

Mission

Busan Global Village opened in July 2009 as the first day-visitor English immersion facilities in Busan. The village offers special English experience programs for Busan citizens – from toddlers to adults – in an environment where only English is spoken. The programs are designed to promote English learning and boost participants' confidence in speaking English. Aside from the facilities, the video surveillance system is also high-end. Busan City made a great effort to build a proven cutting-edge system by integrating cameras with HDTV image quality performance.

Solution

Busan Global Village selected an IP solution according to its own strict standards when it changed its analog-based plan to an IP-based one. It took various aspects into account including cost, features, service, recognition, and management efficiency. The organization also tested whether the system actually yielded HDTV image quality and if it could be managed stably on a network.

The Axis network video solution passed the test in all areas and received high marks particularly in terms of the cost of moving the control center after the infrastructure had been built. Moreover, compared to the existing analog system, it is more cost-effective, thus lowering the total cost of ownership. With an image quality that is unrivaled by other competitors, the Axis network video solution was the clear choice.

Result

The Axis network video system offers simple and effective surveillance anytime, anywhere. Unlike analog systems that involve complex construction, costs will be slashed with the network video system since the only need is to install the desired devices and begin operation immediately. It is also possible to maintain the system remotely because it is connected to the network, considerably cutting down on maintenance and repair costs. The system will also enhance customer satisfaction with its surveillance application program that meets customer demands.

"We are glad to have been able to install a video surveillance system that is just perfect for Busan Global Village. We are satisfied with all aspects, from the high-definition image quality of the Axis HDTV network camera to the flexibility of integrating various applications, and to the scalability that enables future system expansion."

Representative from Busan Global Village.

HDTV image quality

Busan Global Village chose to build a video surveillance system with Axis network cameras. Axis cameras with HDTV image quality were installed throughout the buildings to yield high-definition image quality which analog CCTV could not deliver. The cameras monitor a wide surveillance area and provide high image resolution that enable identification of subjects to prevent and prove incidents. Busan Global Village chose network cameras with digital zoom and digital PTZ functions providing a closer view of the surveillance area if necessary, and higher resolution images with more details.

Large-scale video solution that satisfies various demands

Busan Global Village demanded a solution that met the demands of all of its departments as an application, including recording up to 100 channels. The Axis video surveillance solution successfully satisfied Busan City's requirement for scalability and integration of various applications.

In addition, video from the relay server or camera can be stored; up to 50 channels can be saved simultaneously on one storage server. "We are very satisfied with it. Unlike the existing video surveillance system that produces poor-quality images when saved, the images that have been stored in the Axis video surveillance solution have the same quality as the image produced by the camera in real time," a representative from Busan Global Village said.

Video quality guaranteed through the effective video distribution system

The digital images provided by the Axis solution are displayed on the administrator PC and display monitors, using a server-based software platform for managing and distributing video surveillance data on the IP network environment built on standard hardware. The video output for Busan Global Village provides various split display modes (1, 4, 9, 16) on a viewer server program without the need for separate hardware. According to the representative of Busan Global Village, these display possibilities enable the monitoring of multiple locations at a glance, thereby enhancing management.

