IndigoVision

Reduced incidents of theft and one year return on investment achieved for Expo Centre Sharjah by choosing IndigoVision

Overview

Vertical Market:

Major Events

Reference Site:

Expo Centre Sharjah, Sharjah, United Arab Emirates

Partner:

Reyami Technologies

End User:

Expo Centre Sharjah

Technology Features:

ACF+, H.264, Distributed Network Architecture, BX400 HD Minidome, BX500 HD PTZ, BX600 HD Bullet, BX600 HD Fixed Camera, Enterprise NVR-AS 4000, Control Center, Surveillance Keyboard, Pursuit Mode, Thumbnails.

Background

Established in 1977 by Sharjah Chamber of Commerce & Industry, the Expo Centre Sharjah was the first of its kind in the United Arab Emirates. After its recent expansion, the Expo Centre Sharjah is at the forefront of exhibitions and conventions in the region; most notably the 2017 Sharjah International Book Fair (SIBF) that attracted 2.38 million visitors over 11 days.

The previous security system installed on site had multiple issues including camera blind spots and skipping frames on recorded footage, which led to many important incidents being missed or not recorded properly. With high value exhibitions and conventions regularly taking place exhibitors were at a loss so the Expo Centre Sharjah needed a new security solution to be implemented to rectify the issues.

Solution

With stability and visibility concerns highlighted with the existing system, an end-to-end solution from IndigoVision was provided by Authorised Partner Reyami Technologies to thoroughly address the concerns cited.

A total of 137 IndigoVision cameras were installed on site including BX400 HD Minidome cameras, BX500 HD PTZ cameras and BX600 HD Bullet/Fixed cameras to replace the existing SD quality cameras and to cover blind spots across the facility. The new cameras provided HD video image quality, improved framerate (up to 30fps) and less storage requirements due to IndigoVision's optimised H.264 video codec.

Expo Centre Sharjah operators praise the power and speed of investigating incidents now with IndigoVision's Control Center, security management software, and Enterprise NVR-AS 4000's. Utilising functionality within Control Center such as pursuit mode, map-based monitoring, real time alarm tracking and thumbnails; operators can identify incidents in a fraction of the time with bulletproof evidence as a result of digital watermarking's dual-stage encryption protection.

Two control rooms are located on site with the main control room used for monitoring all cameras, and the secondary control room used for monitoring selected cameras during the exhibitions and conventions. IndigoVision's Mobile Center is also utilised by operators to view important cameras on portable devices when they are on the move, giving Expo Centre Sharjah a truly end-to-end solution.

With stability and visibility concerns addressed, Expo Centre Sharjah was able to receive their investment back in one year and provide a safer and securer facility for their exhibitors and attendees.

Benefits

DNA
IndigoVision's unique Distributed Network Architecture increases reliability and resilience with no single point of failure.

HD
High Definition (HD) Video standard including 720p (1280 x 720) and 1080p (1920 x 1080).

H.264
IndigoVision optimised H.264 video codec results in lower bandwidth and reduced storage requirements.

ONVIF
IndigoVision's ONVIF compatibility allows quick and easy installation.

UP TO 30fps
Up to 30fps (frames per second) achieved with BX cameras installed on site.

مركز اكسبو الشارقة
Expo Centre Sharjah

FAISAL POTHU KANDIYIL
IT MANAGER

"Pursuit mode and thumbnails have helped us identify incidents that would have cost us a million AED if we didn't have this solution installed. Within a year of installing an IndigoVision solution, we got our investment back."