

Hanwha Techwin Satisfied Global Financial Companies With High Resolution Security System



- Project : Seoul Finance Center (SFC)
- Location : Jung-gu, Seoul
- Vertical : Commercial Building

28 MAY 2018

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- Goonsik Yoo, Security Director, SFC(Seoul Finance Center)

Challenge

SFC, Seoul Finance Center, is a premium office building located in Jung-gu, Seoul. The building, completed in 2001, boasts 38 stories with 30 stories above the ground and 8 underground levels. High-end restaurants and stores are located the underground mall while the Embassy of the Republic of Singapore along with many financial offices have taken space above the ground, all of which require rigorous evaluation based on strict security requirements. To meet such needs and guarantee the safety of its visitors and residents, SFC has decided to upgrade its security system by replacing the existing low-resolution cameras with the latest version of high-resolution cameras

Solution

First step was to replace the 410,000-pixel CCTVs with high-resolution cameras. The existing low-res cameras are ineffective in identifying objects and prone to frequent breakdowns. Next, about 260 high-res cameras by Hanwha Techwin were installed throughout as well as in and out of the building. SFC was especially pleased with XNF-8010R, a 5 mega-pixel fisheye camera that provides omnidirectional surveillance with small, flat and discreet design. This model was installed in areas with high floating population such as entrances, corridors, and main staircases of the second and first basement as well as the ground floor, providing total surveillance without any blind spots.

The ground floor lobby is installed with PNM-9080VQ, a 4-channel multi-directional camera. This model provides the benefits of

multiple cameras with a single camera, which makes it easier to install and maintain. The camera can support up to 2 mega-pixels, and its four lenses monitor left and right gates, the information desk and the security gate.

The main gate has a revolving door, thus, XNP-6040H, a Pan-Tilt-Zoom (PTZ) camera, was installed in a discreet location to monitor visitors and vehicles regularly, also to provide extra security to VIP guests by keeping account of people’s flow and outside situations.

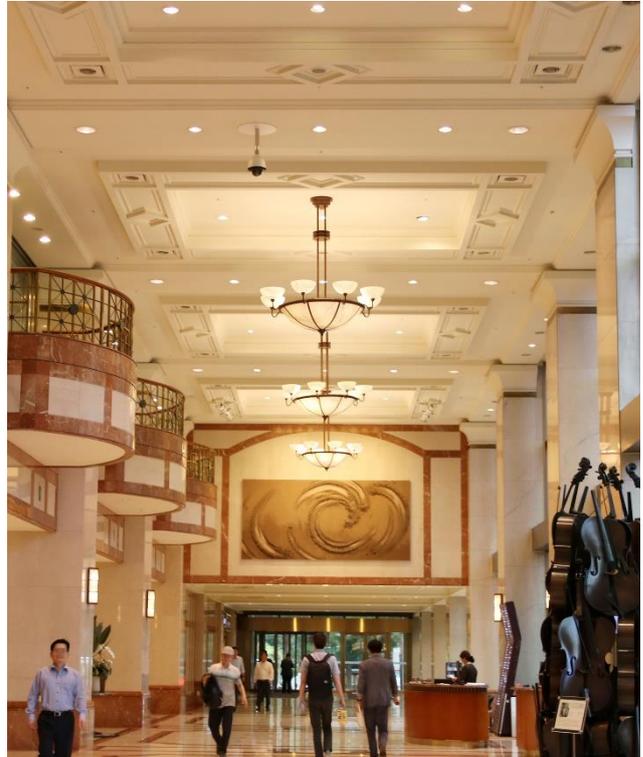
The images received by cameras are sent to the control center, which monitors through SSM, Techwin’s Smart Security Manager, completing a fail-proof security system and further enhancing the values of SFC.

Result

Goonsik Yoo, the director of SFC security team, expressed his satisfaction. “We pay extra attention to security, fire hazard and general safety of the building because many of our residents are financial companies. Global financial companies conduct a series of preliminary evaluation based on their stringent security requirements and only sign a rental contract after receiving satisfactory results. The high-resolution image security system that we established with Hanwha Techwin has enabled us to meet our customers’ needs. I am very satisfied that we can now provide the security system our residents can trust.”

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SSM(Smart Security Manager) for the Control Center

In partnership with SeeEyes, Hanwha Techwin established an intrusion detection and alarm monitoring system on the lower floors of the apartment as a crime-prevention solution. The system utilizes the network cameras installed along the complex perimeter. It also links with infrared security sensors to monitor any trespassing attempts and remotely provide notifications about any events. The previous system was only equipped with security sensors, so security managers needed to check the scene in person when an alarm was triggered. The new system is linked with Hanwha Techwin's network cameras to provide a real-time, high resolution images to the integrated security control center. This allows security personnel to remotely check and immediately respond from the security center.

Monitoring outdoor events

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