

A safe and secure nursing home with high-resolution video surveillance solution.

Axis network cameras deployed at FssilverCare support complete monitoring across the facility.



Organization:

FssilverCare

Location:

Yongin-si, Gyeonggi-do,
S. Korea

Industry segment:

Healthcare

Application:

Safety and security

Axis partner:

Sungjin SS Co., Ltd.

Mission

Opened in March 2016, FssilverCare is a nursing home located in Dongbaek Jigu, Gyeonggi-do that needed a safe operation around the clock. Staffed with experts including first-grade social workers, the nursing home provides welfare services to its residents as comfortable as home. FssilverCare has a site area of about 3,300 m² with a large parking lot for visitors and a garden filled with flowers and flowering trees. In order to effectively monitor the huge area and provide a safe environment for its residents, FssilverCare decided to introduce a video security system that offered comprehensive support in terms of video transmission, use and management based on high-quality video and networking.

Solution

FssilverCare needed a high-resolution video surveillance solution to protect its residents safely, identify the cause of unexpected accidents, if any, and prevent unlawful intrusion. Also, a small and discreetly-designed product was top priority to prevent residents from feeling uneasy about security cameras.

Particularly given the characteristics of nursing home, residents are often visited by their families or friends so it is necessary to monitor the entrance and exit of outsiders in real-time. Not only that, residents suffering from certain conditions such as dementia, paralysis or stroke need to be monitored at all times as symptoms may occur any time. To address these issues, FssilverCare has installed Axis network cameras in the interiors and entrance of the nursing home as well as the outer walls of the building.

Result

FssilverCare assessed and compared various products of network camera manufacturers including Axis, putting the focus on high-quality image, camera design, ease of installation and management, and customer service, and then opted for Axis network cameras. The institution also adopted an NVR developed internally by Sungjin SS, an Axis partner having implemented the video security solution.

“We have established a perfect video surveillance system to make our residents and their families feel comfortable and safe. With Axis network cameras, we can not only identify trespassers but we are also looking forward to providing higher-quality nursing services while being able to monitor the residents who need sophisticated care all the time.”

Kim Jun-young, CEO, FssilverCare.

FssilverCare installed AXIS M3004-V, AXIS M3025-VE and AXIS P1405-LE Network Cameras on the inside and entrance of the nursing home and on the outer walls of the building to have a comprehensive video surveillance solution, to be able to monitor the entire facility in real-time and identify people coming and leaving the site easily. With AXIS M3004-V and AXIS M3025-VE that support Axis' Corridor Format functionalities, even the usual blind spots such as narrow passages or corridors can be monitored completely. With this implementation, the nursing home can now control and monitor the access of outsiders while monitoring the interior in real-time, to be able to provide stable and prompt welfare services to the residents.

Establishing a safe and secure environment

In implementing a video surveillance solution, FssilverCare placed video image quality, ease of installation and management and product durability as the top priority. Especially at a nursing home, high-quality images are necessary to monitor residents suffering from certain conditions in real time. After the implementation of Axis network cameras, FssilverCare has successfully created a safer environment due to the much enhanced video surveillance system. Axis network cameras provide high-quality images and support immediate responses to emergency or accidents involving residents, if any.

Among other things, the institution needed a solution that was easy to install and required a small number of connecting cables to cover the large land area of about 3,300 m². Accordingly, it selected network cameras supporting PoE (Power over Ethernet). As a result, network cameras were deployed appropriately on the interior and entrance of the nursing home as well as the outer wall of the building to support real-time monitoring across the facility.

Maximizing convenience with simple and easy installation and management

Since the nursing home is not staffed with a sufficient number of IT management personnel, ease of management and convenience was important.

When it comes to analog CCTV, it incurs less camera costs but it is ineffective in terms of management and operation because it has more equipment to be inspected including cameras, adaptors and servers. Therefore Sungjin SS, an Axis partner, recommended that Axis network cameras and their own NVR be implemented together, in the form of plug and play. Once cameras are connected to NVR, they are found and registered instantly. The configuration is also very easy. It provides various viewers and a mobile app for free to make sure that users can monitor videos in real-time using a smartphone or tablet anytime, anywhere as well as checking the recorded videos to ensure effective monitoring. Not only that, it can also be connected to an existing monitor or TV via HDMI port.

The interior of the nursing home is implemented with AXIS M3004-V Network Cameras, which feature a small and sophisticated design to make residents feel less uneasy and supports high-resolution HDTV 720p. The Corridor Format of AXIS M3004-V ensures vertical video streaming optimized for the areas like corridors or aisles. With Corridor Format, the institution is now effectively monitoring people walking in and out of the facility. These functionalities can not only detect external intruders, but also prevent residents suffering from a condition like dementia from leaving the facility without permission. Full HD AXIS M3025-VE Network Cameras featuring day and night functionalities have been installed at the entrance. AXIS M3025-VE is IP66-, NEMA 4X-rated and IK10-rated, thus fit for outdoor installation. AXIS P1405-LE cameras have been installed to monitor the perimeter and outside of the nursing home and are equipped with IR, providing images of outstanding quality even in darkness to be able to monitor real-time what's going on surrounding the facility during nighttime.

FssilverCare is very satisfied with the high-quality images and has released its plan to install additional Axis network cameras according to the expansion of nursing home facility going forward.



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