



Milestone Access Control Module Eases Admittance to Turvatiimi

The Challenge: When Turvatiimi Oyj moved to new premises at the Flamingo Shopping and entertainment center in the suburbs of Helsinki, a new automated access control system was needed. Turvatiimi Oyj have multiple offices at the premises, meaning that a total of 19 doors must have secured access. Employees will move between the offices throughout the day and the company has a high number of visitors daily. A traditional reception or access control system would be impractical to handle this flow of people due to Turvatiimi Oyj's high security level needs.



All persons entering or leaving have to be identified; visitors have to be handled securely and efficiently, with no tailgating of visitors, misused access cards or spoofing of access. These are all inherent risks with traditional access control systems.

The Solution:

Hi-Sec Supply Oy installed 18 cameras (AXIS M3007, P8514, M3014, M3005 and P1425-LE) and 19 AXIS A1001 Access Control units for controlling the doors. All are controlled by Milestone XProtect® Professional video management software (VMS) with full integration to the AXIS A1001 door controllers using the Milestone Access Control Module with AXIS integration. All employees now have access tokens that can be used at all locations. The system integrates fully with the Responda 113 alarm system, ensuring rapid and informed response if unauthorized access is detected by the system.

The Advantage: the Milestone video-enabled access control system enables Turvatiimi Oyj to keep track of all persons on the Turvatiimi Oyj premises, while at the same time provide excellent service to visitors. An employee expecting a visitor will get a notification upon the arrival of the visitor, with a picture. This ensures that all persons at the premises are identified. The system will link access to a door with the video from a camera. In this way the identity of a person entering or leaving is ensured. If access tokens are swapped, it can be detected. Tailgating can also be detected through the use of the video verification. Visitors who are temporary staff such as workmen can be identified and tracked if attempting to access the premises during unauthorized hours or to access-restricted areas.

Need for secure but easy access to premises

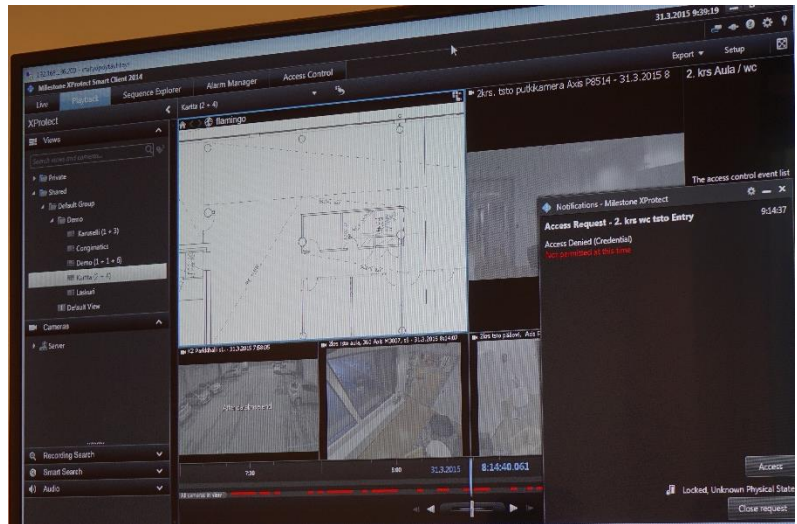
Turvatiimi Oyj realized that a traditional access control system would not be a viable solution for the company because of their need for a high-security solution. Traditional panel-based access control systems require expensive, high-maintenance control panels to convey information and often use proprietary hardware that does not integrate with other systems. It is important to understand that a traditional access control system is only registering events



based on the control panel. It might detect that a pin code is used, but the system is unable to detect if it is an authorized person typing the pin code. If an incorrect pin code is disclosed, the security of the system is compromised.

Access control systems using cards or security tokens suffer from the same type of weakness, as cards may be lost, stolen or swapped. Again the system is only able to detect that a certain card has accessed a card reader. If a card or a pin code has been used to gain unauthorized access, any video security system can only be used to detect unauthorized entry after the fact, unless a manned solution is used.

A video-integrated digital solution based on Ethernet cabling for data and power simplifies installation and offers a higher level of security because the video can link a person to an event, such as a door being accessed. The integration between an access control system and a VMS (Video Management Software) enables a unified operation if the VMS client is used for controlling access, because the visual identification is an added level of security to the access control system.



The extended security and the simplified operation were the main reasons for choosing the integrated Axis/Milestone solution for Turvatiimi. Use of the Milestone Mobile client simplifies operations further and all Turvatiimi Oyj employees can verify request for access if needed. The recordings and access control data are kept for two to three weeks in case of the need for investigation of an access event. Furthermore, the use of Milestone XProtect VMS with its open platform technology enables Turvatiimi Oyj to add analytics as needed. An example of this could be people counting, giving Turvatiimi Oyj the exact number of persons at their premises at all times. This is essential information in case of fire or other emergencies.

Initially the system is implemented in Turvatiimi Oyj headquarters with 50 employees. The rest of the 25 locations are to follow. Hi-Sec Supply Oy did the implementation of the integrated Milestone/Axis solution at the Turvatiimi Oyj premises.

“We will implement the integrated access control system at all our locations. This will give us the ability to use the same access token at all our sites, while having centralized control at the same time,” says Mika Bragge, Head of Technology at Turvatiimi Oyj. “So far, the experience with the integrated access control system is very positive. The system is fast for reacting and gives immediate information on incidents.”

Increasing market for integrated solutions

The Finnish corporate landscape is currently being shaped by a rising number of small-to-medium-sized enterprises. This has led to increased construction activity in the commercial sector and raised the demand for integrated and efficient security solutions.

The ability to integrate alarms, access control and video security is a key to keep costs down and improve efficiency in alarm handling. If incidents can be documented using integrated access and video security systems, then guarding services can be better informed and thereby



more efficient. It could be that a door has been kept open by a contractor or it could be a malfunction of a door-closing mechanism. Video verifies the situation for more appropriate response to alarms. This rising demand is another reason for Turvatiimi Oyj to implement the system further, as they want to showcase the latest and most advanced in integrated access/video solutions for customers.

“All our sales staff can use the mobile app to display the solution making sales considerably easier and more specific. We have confidence in this solution by Milestone and Axis, and we are proud to demonstrate it,” says Mika Bragge, Head of Technology at Turvatiimi Oyj. “Security managers from other companies often ask me how we can keep track of so many people at our offices, and I just show them how easy it actually is with this combined technology.”

About Turvatiimi Oyj

Turvatiimi Oyj is a Finnish security company with 1,100 employees at 23 locations and a business unit in Estonia. The main business areas are security services, installation and integration of security systems. Alarm services are outsourced to Responda 113, one of the biggest integrated alarm service providers in Finland. Turvatiimi Oyj is servicing more than 10,000 customers and have a yearly turnover of 38 million Euro. For more information, visit: www.turvatiimi.fi.

About Milestone Systems

Milestone Systems is a global industry leader in open platform IP video management software, founded in 1998 and now operating as a stand-alone company in the Canon Group. Milestone technology is easy to manage, reliable and proven in thousands of customer installations, providing flexible choices in network hardware and integrations with other systems. Sold through partners in more than 100 countries, Milestone solutions help organizations to manage risks, protect people and assets, optimize processes and reduce costs. For more information, visit: www.milestonesys.com.