



**milestone**  
The open platform company

# Public Transport surveillance solutions

For a complete overview  
of onboard and stationary  
surveillance units

XProtect® Corporate | Milestone Federated Architecture™ | Milestone Interconnect™

- > Perimeter protection
- > Scalability
- > On-board surveillance
- > Infrastructure protection
- > Passenger safety
- > Video analytics
- > Access control
- > Centralization

## Milestone XProtect® Advanced VMS products

A public transportation system typically consists of a large number of cameras, retrieving video recording from multiple stations or vehicles. Milestone Advanced VMS products offer strong situational awareness tools like alarms and multi-layer maps, that can help control centers to offer better operational support.

## Milestone Federated Architecture

A public transport system usually has multiple independent surveillance units which are geographically dispersed. With Milestone Federated Architecture, the individual sites can be

operated as one large unit with a central XProtect Corporate system. A federated hierarchy helps the central surveillance department to monitor and manage the entire surveillance installation, while allowing the individual units autonomy over daily tasks and system operations.

## Milestone Interconnect

Milestone Interconnect allows seamless integration of video from onboard surveillance units, enabling real-time viewing of video from moving vehicles. The system has both live and recorded video capabilities, which helps with evidence handling when incidents occur.

# Securing infrastructure

Increase the operational efficiency of a public transport network

## Centralized overview

In a public transport system, it is important for the central security department to have a complete overview of the entire surveillance network. By using a Milestone XProtect Advanced VMS product, the control centers can monitor remote installations and get notifications from them. They can quickly be made aware of incidents and events at local sites.

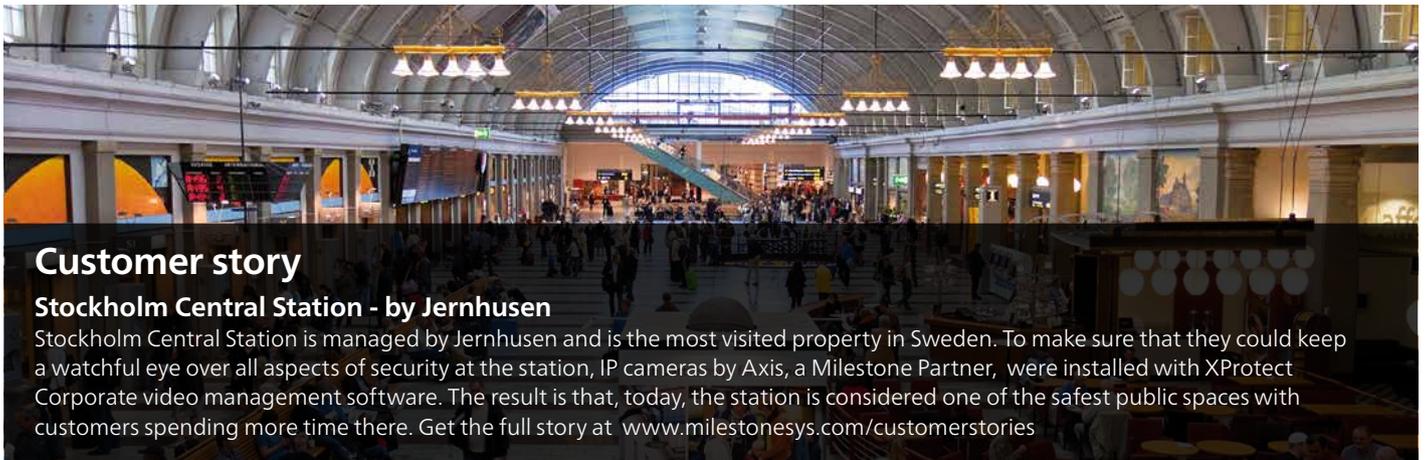
## More than surveillance

The open platform capability increases the scope of the Milestone VMS to integrate with third-party solutions, to add more possibilities to the surveillance system. If the public is

made aware of the presence of such an effective surveillance system, it can help reduce criminal activities, like vandalism, and improve passenger safety.

## Enhanced monitoring capabilities

Cutting-edge features like the XProtect® Smart Wall can provide a complete overview of the entire transport network. Security personnel can share images on several screens, facilitating better situational awareness and knowledge sharing. This helps in coordinating and planning a course of action, when incidents occur.



## Customer story

### Stockholm Central Station - by Jernhusen

Stockholm Central Station is managed by Jernhusen and is the most visited property in Sweden. To make sure that they could keep a watchful eye over all aspects of security at the station, IP cameras by Axis, a Milestone Partner, were installed with XProtect Corporate video management software. The result is that, today, the station is considered one of the safest public spaces with customers spending more time there. Get the full story at [www.milestonesys.com/customerstories](http://www.milestonesys.com/customerstories)

Area	Concern	Solution
Protection from vandalism	Property and physical assets can be at risk of theft and vandalism	Cameras are installed in stations and on board vehicles, making it possible to monitor all aspects of a public transportation system
Consolidated surveillance	Bringing together video from multiple stations into one system	Video from geographically dispersed locations is automatically uploaded to a central monitoring unit for better control and administration
Scalability	Adding new cameras and locations can be difficult and challenging	With Milestone VMS, it is easy to add cameras/stations or locations to the surveillance network and the system is capable of handling units that are beyond the physical site
Reliability	Disruptions and interferences to camera, network or hardware cannot be detected easily	Notifications are sent to the central unit when cameras or other components stop working and quick action can be taken to fix the problem
Crowd Control	Manage crowds during busy hours and emergency situations	With smart analytical applications like people counting, it becomes easier to manage crowds in case of fires, bomb threats, etc.
Passenger & Employee Safety	Manage a wide variety of incidents and safety threats onboard and at stations	Better situational awareness through video walls, alarm manager, camera navigator and maps. Video analytics can detect people on tracks or entering tunnels
Evidence handling	Availability of reliable video footage at low cost in case of incidents	Easy to retrieve video recordings without having to do it manually which reduces cost and time. With evidence locking it is also possible to retain the video for extended periods

Milestone Systems is the global leader in open platform IP video management software. Milestone software is sold through authorized and certified partners worldwide. To learn more about Milestone Systems complete solutions contact us at [www.milestonesys.com](http://www.milestonesys.com) | Milestone Systems HQ, DK Tel: +45 88 300 300. General inquiries: [info@milestonesys.com](mailto:info@milestonesys.com) | Sales inquiries: [sales@milestonesys.com](mailto:sales@milestonesys.com) | XProtect is a registered trademark of Milestone Systems © 2015 Milestone Systems. All rights reserved.