



milestone  
The open platform company

# Surveillance management solutions

Easy-to-use video management software  
and network video recorders for any need

Milestone XProtect® Professional VMS Products

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Milestone XProtect® Advanced VMS Products

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Milestone Husky™ NVR Series

Surveillance your way.



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Milestone Systems

# The global leader in IP video surveillance

## **Award-winning products. Endless surveillance possibilities.**

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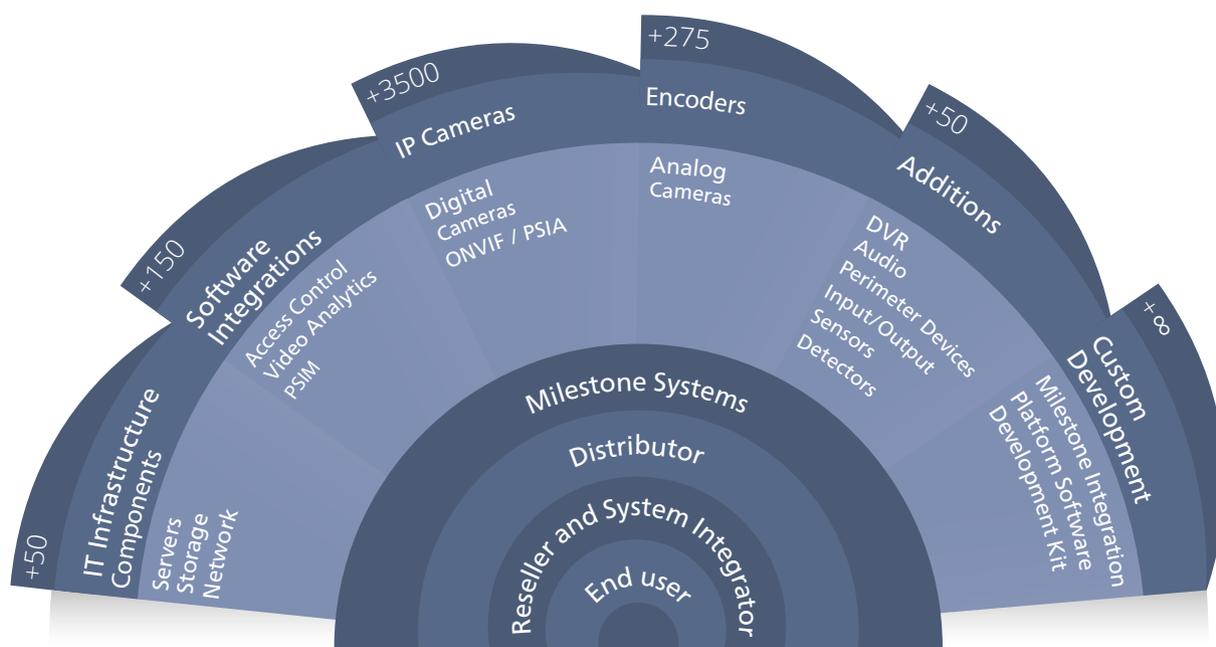
Our open platform foundation has become the core of a thriving ecosystem of partners and a vast distribution network. We innovate and develop products and services for video surveillance management designed to meet any challenge.

We provide easy-to-use products for video surveillance installations of all complexities. With ever-changing surveillance requirements, we prioritize scalability to meet future needs. This means that users can continually add new technologies and devices and easily upgrade their system as needs change.

# The Milestone ecosystem

Our partners play an important role in delivering complete surveillance systems and help us to provide easy-to-use surveillance management solutions and meet customer needs. The Milestone ecosystem comprises a global community of camera providers, encoders, Milestone Solution Partners and hardware providers, integrated with Milestone product solutions.

This enables our sales partners to combine these technologies to create surveillance installations that meet the needs of specific industries or customers, from a single shop owner to large industry solutions such as financial institutions or airports. Together with our ecosystem we provide surveillance solutions that offer more than security by creating ways to optimize processes, reduce costs and proactively manage risk. Open platform technology makes our ecosystem possible.



## Milestone open platform

Milestone delivers true open platform technology with published application programming interfaces (API). The Milestone Integration Platform Software Development Kit allows users to integrate third-party applications and systems into Milestone software.

Unique plug-in architecture enables developers to integrate security solutions, such as access control or video analytics, so they become an integral part of the Milestone user interface.

## The future is IP video

IP video surveillance brings the advantages of network cameras and IP networking to the security equation. Surveillance becomes more intelligent as IP video surveillance systems can identify unique behavior, events and actions, which reduces the need for human monitoring.

Milestone software is the hub of the surveillance system bringing all of the components together so users can manage their system through one powerful interface.

## Analog users welcome

While users in many parts of the world continue to rely on analog technology, achieving the most optimal surveillance today will depend on how quickly and easily systems can transition to IP.

The Milestone ecosystem brings together technology, manufacturers and developers to help ease the transition from analog to IP in order to provide clear, efficient and reliable video.

# Milestone Systems

## Solution overview

We are proud to offer you a customizable surveillance solution because choosing Milestone means more than just software. Our products can be customized with the latest technologies from our vast network of partners, including cameras, hardware, add-on software and surveillance solutions.

### Third-party devices



- IP cameras
- Pan-tilt-zoom cameras
- Detectors
- IP cameras with Edge Storage
- 360° cameras
- Audio devices
- Analog cameras and encoders
- Card readers
- Metadata sources

### Cameras and devices

Our products support the industry's widest choice in hardware, more than 3,500 devices from more than 115 manufacturers. You can mix and match cameras to best suit your needs and budget.

### Surveillance solutions

Milestone Interconnect™

#### XProtect® Advanced VMS Products

- ◆ XProtect® Corporate
- ◆ XProtect® Expert

#### XProtect® Professional VMS Products

- ◆ XProtect® Enterprise
- ◆ XProtect® Professional
- ◆ XProtect® Express
- ◆ XProtect® Essential
- ◆ XProtect® Go \*

\* Not Milestone Interconnect capable

#### Milestone Husky™

- ◆ Milestone Husky™ NVR Series with embedded XProtect VMS



### Video surveillance products

Milestone offers the widest range of VMS and NVR products that meet the needs of any installation, from basic surveillance to high-security deployments.

## Why VMS and NVRs for your surveillance?

Video management software and network video recorders expand your surveillance and security system capabilities, providing efficient monitoring, transmission and storage of IP video.

## Why Milestone?

Open platform technology gives you the freedom to choose from the widest range of equipment. Milestone partners with hundreds of companies to offer products that focus on ease of use, scalability and solving any end-user challenge.

### Customization

#### Third-party integration Milestone Solution Partners

Such as video analytics, access control, PSIM and IT Infrastructure components

#### Milestone Integration Platform

◇ Software Development Kit (MIP SDK)

#### XProtect add-on products

- ◇ XProtect Access Control Module
- ◇ XProtect Smart Wall
- ◇ XProtect LPR
- ◇ XProtect Transact
- ◇ XProtect Retail
- ◇ XProtect Screen Recorder

#### Milestone services

Milestone Care

Professional services \*\*

Custom development \*\*

Learning & Performance \*\*

\*\* For detailed information visit [www.milestone.com](http://www.milestone.com)

### Add additional functionality

Extend your surveillance to suit specific needs and add functionality with XProtect add-ons or by integrating a third-party software solution using the MIP SDK. Milestone services help ensure your Milestone installation is always running smoothly.

### Interfaces

#### Video wall



◇ XProtect Smart Wall  
XProtect add-on

#### XProtect clients



◇ XProtect Smart Client



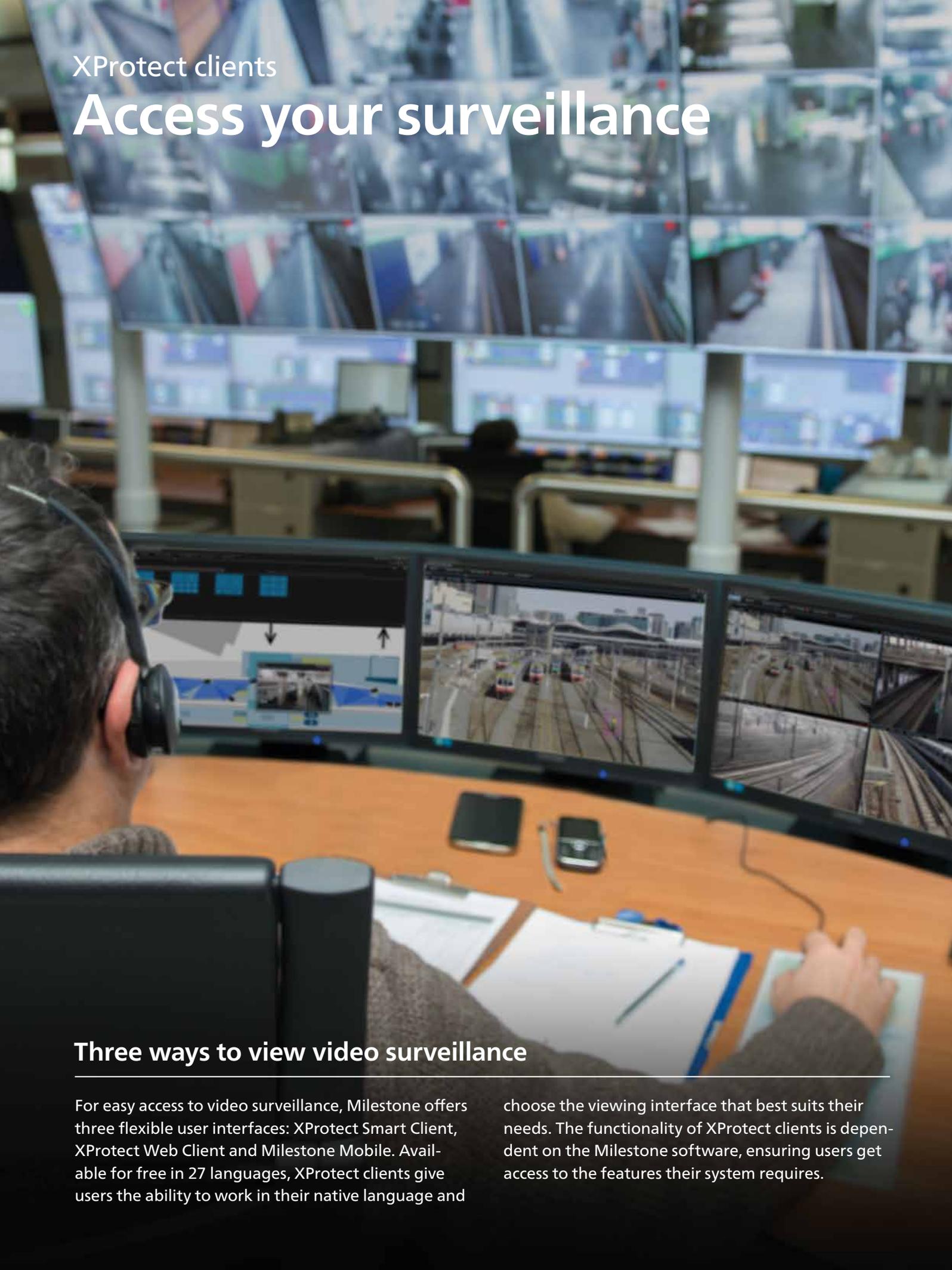
◇ XProtect Web Client



◇ Milestone Mobile

### Access your Milestone product

XProtect clients provide three different ways to access and view your surveillance from your computer, from the Internet or on-the-go with mobile devices. The XProtect add-on product XProtect Smart Wall is a video wall product for advanced surveillance needs.

A person wearing a headset is seated at a desk in a control room. The desk is equipped with several computer monitors. The monitor on the left shows a software interface with a map and a video feed. The middle and right monitors display multiple camera feeds of a busy street scene with cars and buildings. In the background, other control room stations are visible, each with multiple monitors showing various surveillance feeds. The overall environment is a professional, high-tech security monitoring center.

XProtect clients

# Access your surveillance

## Three ways to view video surveillance

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For easy access to video surveillance, Milestone offers three flexible user interfaces: XProtect Smart Client, XProtect Web Client and Milestone Mobile. Available for free in 27 languages, XProtect clients give users the ability to work in their native language and

choose the viewing interface that best suits their needs. The functionality of XProtect clients is dependent on the Milestone software, ensuring users get access to the features their system requires.

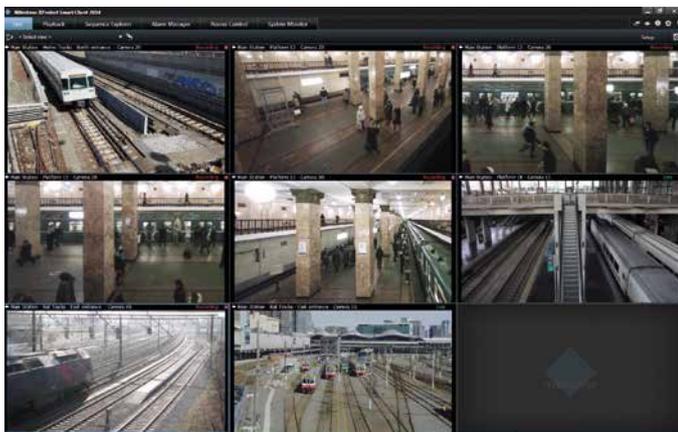
# XProtect Smart Client

Ultimate control

XProtect Smart Client is an easy-to-use surveillance application designed for daily use. Its streamlined interface provides intuitive functionality to manage any XProtect VMS, Milestone Husky M30 or Milestone Husky M50 installation, regardless of size. XProtect Smart Client provides an efficient working environment that can be optimized for different tasks and operator requirements.

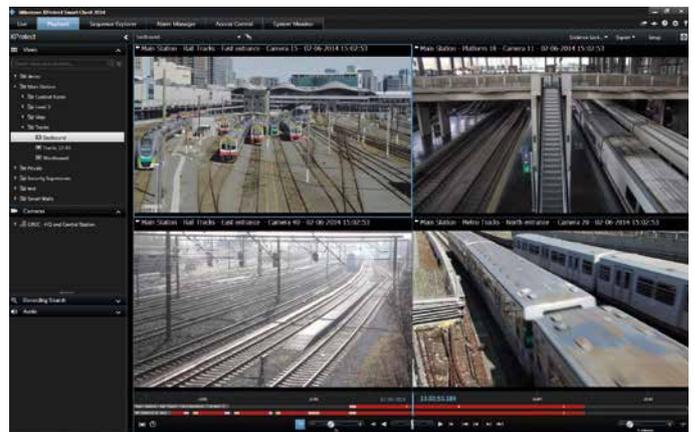
## Quickly identify incidents

The multitude of camera view layouts provides operators with the optimal collection of cameras for each location in order to easily track live events.



## Simple navigation

User-friendly time navigation with playback controls and integrated function for video export makes it easy to navigate and review recorded video in full time synchronization.



## What's new 2014

### Quickly locate cameras

A camera search function promptly finds cameras and camera views in the system with the ability to create temporary views as a complement to the predefined hierarchical view structure.

### Control integrated systems

Supports XProtect Access Control Module, an add-on product that allows operators to monitor and control integrated access control systems from XProtect Smart Client.

### Assist the operator in assessing a situation

Building on the metadata support in XProtect Advanced VMS Products and camera resided video analytics, XProtect Smart Client 2014 can display bounding boxes around identified objects in live view playback and in exported video.

### Find evidence quickly

Quickly and accurately identify sequences with motion in specific operator-defined areas of a camera view.

### Secure video recordings

Evidence Lock secures the availability of recordings for investigations, which allows users to manually extend the retention time for video recordings by overriding normal video retention policies.

### Logical presentation of evidence

Storyboarding is a vital tool that turns video into evidence by documenting a sequence of events for use in court, internal revision or for other parties granted permission to the video evidence. The ability to piece together video sequences from multiple cameras into a cohesive flow allows for easy object tracking for logical, objective and straightforward revision.

# XProtect Smart Client

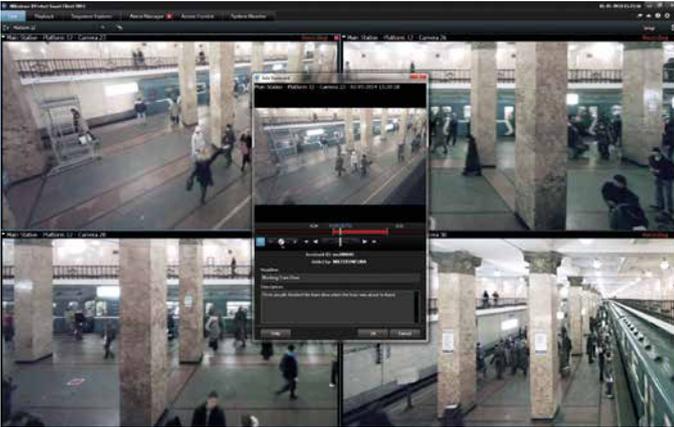
Four processes in your video surveillance workflow

1

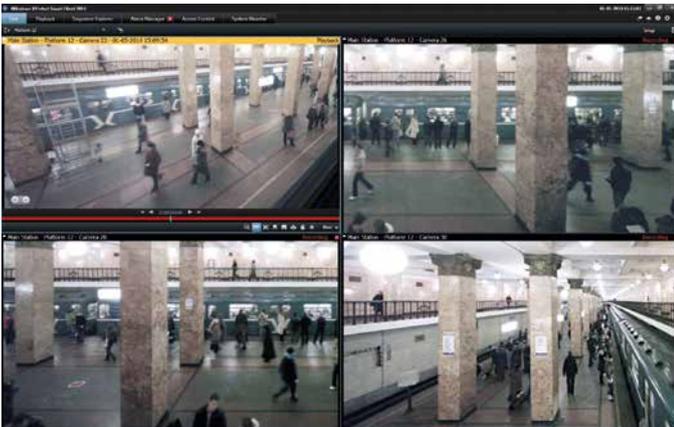
## Monitor video

XProtect Smart Client allows users to efficiently investigate incidents while maintaining a visual on live events using the **bookmarking tool**. Operators can flag video sequences of interest and add descriptive notes and the bookmarked sequences can be shared with other operators, improving incident response time.

### Bookmarking tool



### Independent playback



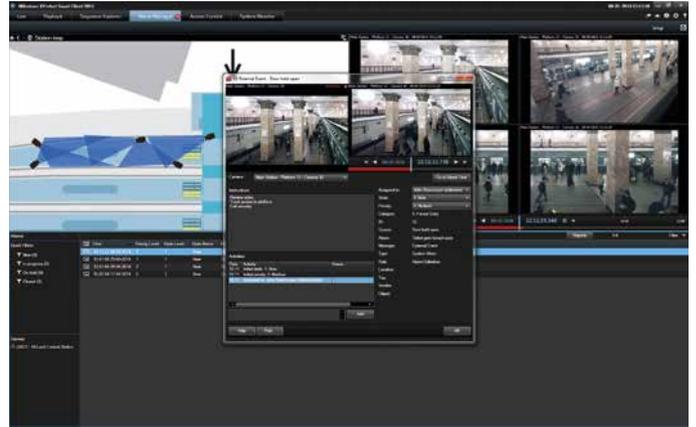
Control integrated devices and connected systems with overlay buttons in the camera view, streamlining workflows and improving operator efficiency. Using **independent playback**, you can instantly investigate events from one camera while viewing live video from other cameras.

2

## Respond to alarms

The **Alarm Manager** gives a clear overview of active alarms and their severity. Alarms are assigned different severity levels and the alarm list can list alarms in different orders including most recent alarms or most critical alarms first. Alarms can be configured so that when they are selected, an interactive map automatically displays corresponding alarm and camera locations, providing instant visual verification of incidents.

### Alarm Manager



### Interactive map



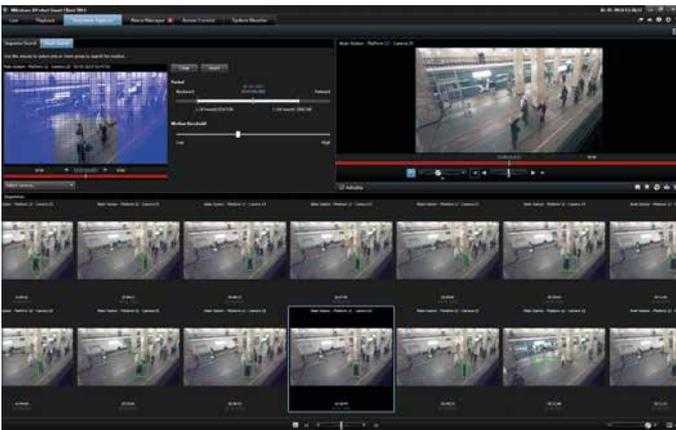
To ensure immediate incident detection, system alarms can notify users of certain events, or if the equipment is malfunctioning. Alarms from all connected security devices and systems are shown in the **interactive map** where alarms from sub-maps are propagated to the primary map.

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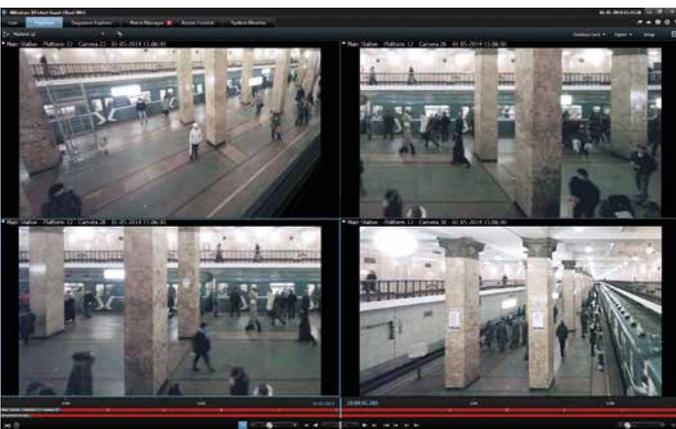
## Investigate incidents

Searching through extensive recordings can be very time consuming. XProtect Smart Client provides advanced features to investigate incidents as they happen while analyzing recorded video material. Enhanced **Smart Search** uses motion metadata to quickly and accurately identify video with motion in operator-defined areas of a camera view and provides a comprehensible overview of relevant sequences, reducing the search time for relevant video for investigations.

### Smart Search



### Playback timeline



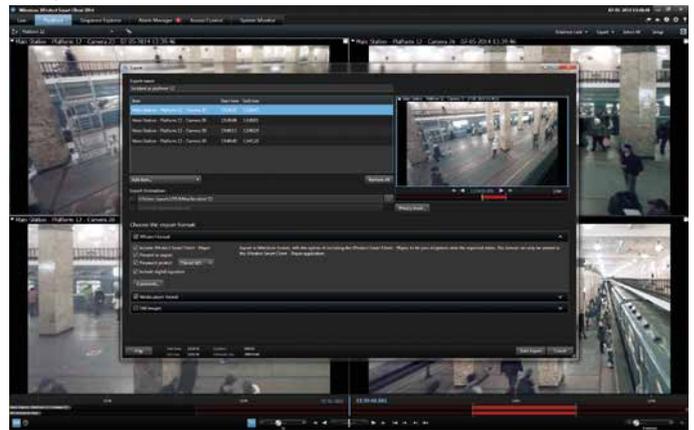
**Playback timeline** enables easy navigation and synchronized playback of all video and audio in a given view. Multi-screen allows operators to work with multiple views and playback video, making it easy for operators to gain a more complete overview.

4

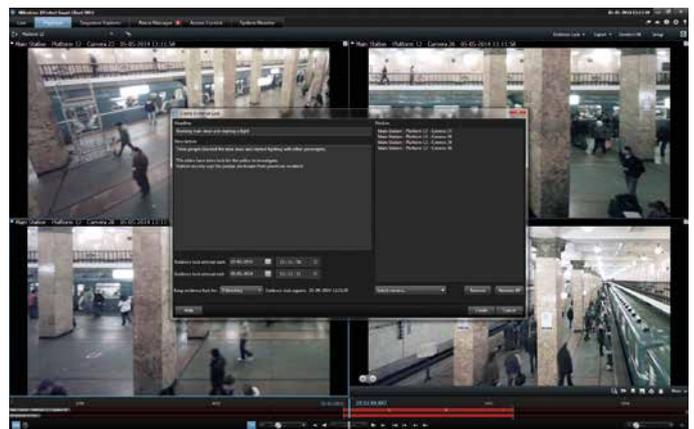
## Manage evidence

In XProtect Smart Client you can turn exported video into evidence using the new **Storyboard function**. Combine exported video from multiple cameras into one cohesive flow, in order to document a sequence of events for use in court, internal revision or others with permission to the video evidence. Or secure evidence by encrypting video and including a digital signature, ensuring the export cannot be read by unauthorized people and that any tampering can be detected.

### Storyboard function



### Evidence Lock function



The new **Evidence Lock function** ensures video recordings are available for investigation by allowing users to lock video and extend the retention time. An overview of locked video, direct play back and easy export options make it ideal for installations that investigate a high number of incidents.

# XProtect Web Client

Access video instantly from any computer

XProtect Web Client is an intuitive web-based interface to view, play back and share video. It provides instant access to all essential functions and is easy to learn and operate for users of all skill levels. XProtect Web Client provides remote access to the surveillance system from all common browsers and computer operating systems. It runs on any Internet-enabled computer or device without installation. It offers system scalability and an optimized user experience in systems with many users.

## Intuitive interface

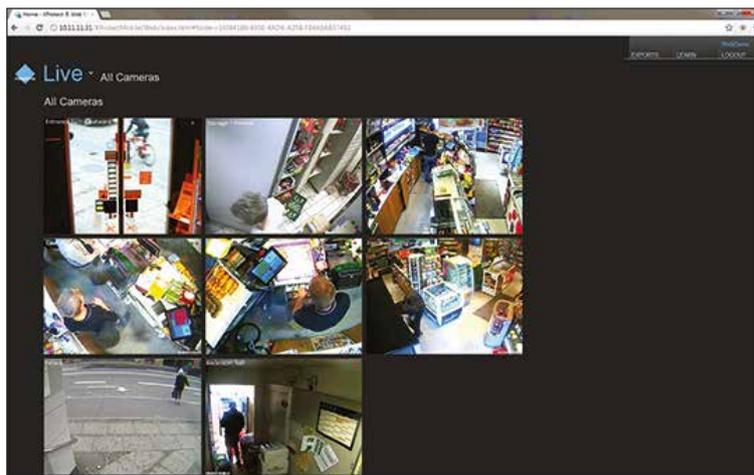
Easy-to-learn interface that requires no training to use and provides users with an intuitive and efficient interface with all the necessary features to find, view and share video evidence.

## Convenience anywhere

XProtect Web Client makes it easy to access a Milestone surveillance system from any Internet-enabled device. Users can also trigger outputs remotely, such as opening and closing doors, providing greater control over a surveillance installation when off-site.

## Optimized user experience

There is no need to install additional software on the client computer, so users can access video immediately. An optional web browser plug-in enables direct streaming of video as an alternative to server-side transcoding, improving viewing performance while limiting system and network load.



## What's new in 2014

### Quickly locate cameras

Promptly finds cameras and camera views in the system, creating temporary and dynamic views to complement the predefined hierarchical view structure.

### Improved viewing performance

Optional web browser enables direct streaming of video as an alternative to server-side transcoding, improving viewing performance while limiting system and network load.

# Milestone Mobile

View video anywhere, anytime

Milestone Mobile is a free application for Apple®, Android™ and Windows Phone 8 devices that allows users to view video instantly using smartphones or tablets. Milestone Mobile operates with all XProtect VMS and the Milestone Husky NVR series via Wi-Fi, 3G or 4G connections. Users can view, play back and export video, control outputs and push live video from the device's camera, allowing users to see what's important regardless of their location.

## ◆ Flexible access

Milestone Mobile enables instant access to a surveillance installation from anywhere, at any time, via any Internet-enabled mobile device. Users can instantly verify that surveillance areas are safe and secure.

## ◆ Extend visibility

With the purchase of an additional per-user license, Milestone Mobile becomes an evidence collector by enabling users to push live video from a mobile device to its connected Milestone surveillance installation. Video Push extends visibility to operators in a central monitoring station who can respond immediately where necessary.

## ◆ Secure access

Strict user authorization and fully encrypted communication between Milestone Mobile and the server offers superior security and allows user to safely access their video surveillance system remotely across open public networks.



## What's new in 2014

### Control costs

Optimize network traffic and communication costs by defining a maximum number of frames and resolution for video streams forwarded to Milestone Mobile clients to improve overall viewing performance and scale Milestone XProtect VMS systems with several mobile users.

### Video Push with GPS location data

When used together with XProtect Advanced VMS Products first responders, patrolling guards, and other users have the option to include a GPS position with video when using Video Push, which is beneficial for documenting the location where video is pushed from.

Milestone XProtect VMS suite

# Endless possibilities



## XProtect video management software

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XProtect VMS integrates with thousands of cameras, encoders, hardware components and add-on software.

Together with our partner ecosystem, we provide scalable surveillance solutions for any need, regardless of installation size, location or complexity.

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**XProtect Professional VMS Products**  
For small to mid-size installations

**XProtect Advanced VMS Products**  
For large high-security installations

# ◇ XProtect Go

IP video surveillance starts here

XProtect Go is a free version of XProtect video surveillance software designed for small installations. With a wide set of easy-to-use features, XProtect Go enables users to explore XProtect software and discover the true benefits of IP video and the Milestone open platform.

## ◇ Connect any camera

Compatible with more than 3,300 cameras and devices, including many USB cameras and built-in computer web cameras.

## ◇ Up and running quickly

Set up XProtect Go in just a few clicks and use automatic camera discovery to quickly detect and configure all connected cameras.

## ◇ Easy to expand

Upgrade with ease to a more robust or advanced Milestone system as needs change and grow.



## Fast and free download

With just a few clicks you can set up XProtect Go for your small business. Download it today from our web-site [www.milestonesys.com](http://www.milestonesys.com).

## What's new in 2014

### Simple upgrade

Significantly improved licensing flow simplifies and reduces time needed to update and upgrade the product.

### Easy deployment

One common installer for all XProtect Professional VMS Products simplifies the deployment process.

### Update notifications

Users are automatically notified about new software versions, ensuring they are always aware of the latest product updates, capabilities and bug fixes.



## Did you know?

XProtect Go is downloaded by more than 150,000 users around the world.

### Product facts

Number of cameras	8
Maximum number of users	1
Video retention	5 days

### Product highlights

- ▶ Supports all XProtect clients
- ▶ Support for ONVIF®/PSIA compliant devices
- ▶ Built-in motion detection
- ▶ One-way audio
- ▶ Multiple video export formats

# ◇ XProtect Essential

## Basic IP video surveillance

XProtect Essential is affordable open platform video surveillance software for businesses requiring basic, yet effective surveillance. With advanced video search capabilities it is easy to examine and find relevant video evidence, making XProtect Essential ideal for installations that primarily capture video recordings of incidents and reactively conduct investigations. The automatic configuration wizard removes time delays and challenges during initial deployment making it easier than ever to set up.

### ◇ Minimize risk

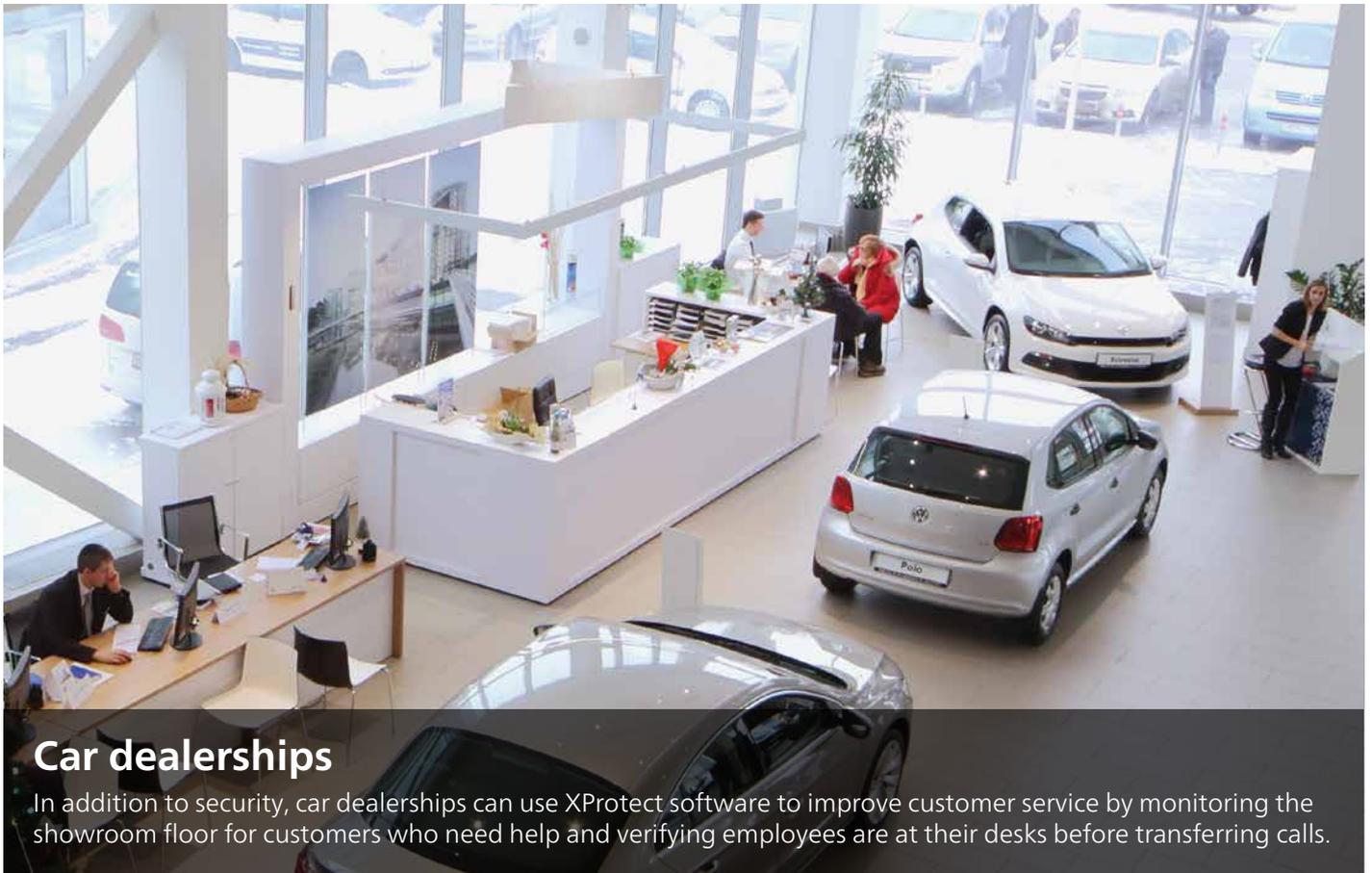
The system is pre-configured to record video when motion is detected, ensuring users have video footage of potential incidents.

### ◇ Access anywhere

XProtect Essential is compatible with all three XProtect clients, giving users access to their video surveillance system from anywhere at any time.

### ◇ Find and export evidence

The Smart Search feature allows users to search for changes in one or more areas of video from a specific camera to quickly locate video footage. Video evidence is easily exported or shared through a media player, email or MMS.



## Car dealerships

In addition to security, car dealerships can use XProtect software to improve customer service by monitoring the showroom floor for customers who need help and verifying employees are at their desks before transferring calls.

## What's new in 2014

### One-layer interactive map

XProtect Smart Client users get a graphical overview of the entire installation providing visual assistance to identify and navigate through different cameras and views. Users of all skill levels can easily locate and process video recordings using the intuitive map feature.

### Update notifications

Users are automatically notified about new software versions, ensuring they are always aware of the latest product updates, capabilities and bug fixes.

### Simple upgrade

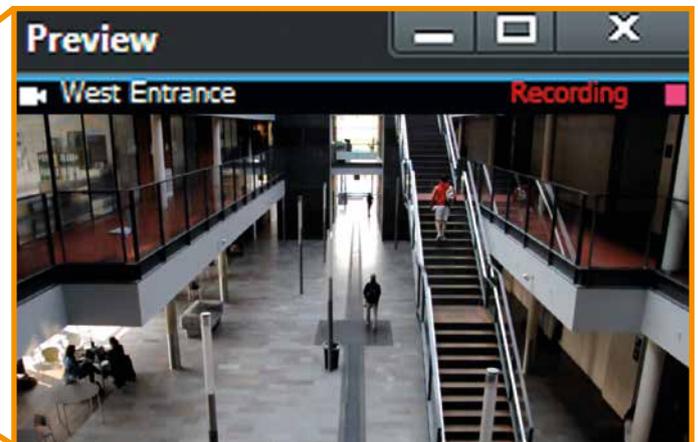
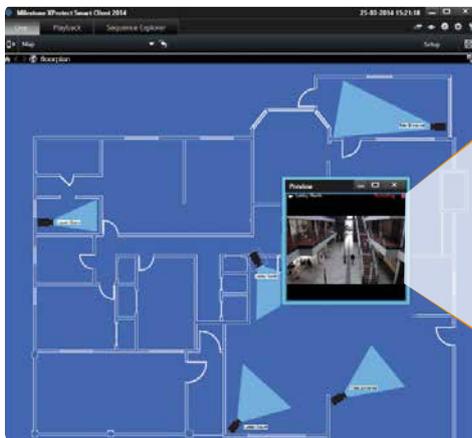
New licensing flow significantly reduces steps and time involved when upgrading to a more advanced Milestone solution and when updating the VMS to the latest version available.

### Automatic motion detection adjustment

Adjusts the sensitivity level to optimize motion detection for background noise levels in the video stream.

### Easy to deploy

All XProtect Professional VMS Products use the same installer, which simplifies the deployment process.



### Did you know?

The Milestone Systems YouTube channel has more than 40 product tutorials, customer testimonials, feature demonstrations and more. Visit [www.youtube.com/milestonesys](http://www.youtube.com/milestonesys).

#### Product facts

Number of cameras	26
Maximum number of users	5
Milestone Interconnect	Supported
Milestone Customer Dashboard	Supported

#### Product highlights

- ▶ Supports all XProtect clients
- ▶ One-layer interactive map
- ▶ System alarms
- ▶ Smart Search video search tool
- ▶ Automatic configuration wizards
- ▶ Pan-tilt-zoom control
- ▶ Built-in motion detection
- ▶ Included one-year of Milestone Care Plus

# ◇ XProtect Express

Affordable surveillance with video integration

XProtect Express is affordable video surveillance software for small businesses that need to integrate video into their existing surveillance and security operations. With support for integration capabilities, businesses can create a surveillance solution with custom functionality by adding applications such as video analytics and access control, making XProtect Express ideal for customers that need more than just a surveillance system. The automatic configuration wizard removes time delays and challenges during initial deployment making it easier than ever to set up.

## ◇ Increase functionality

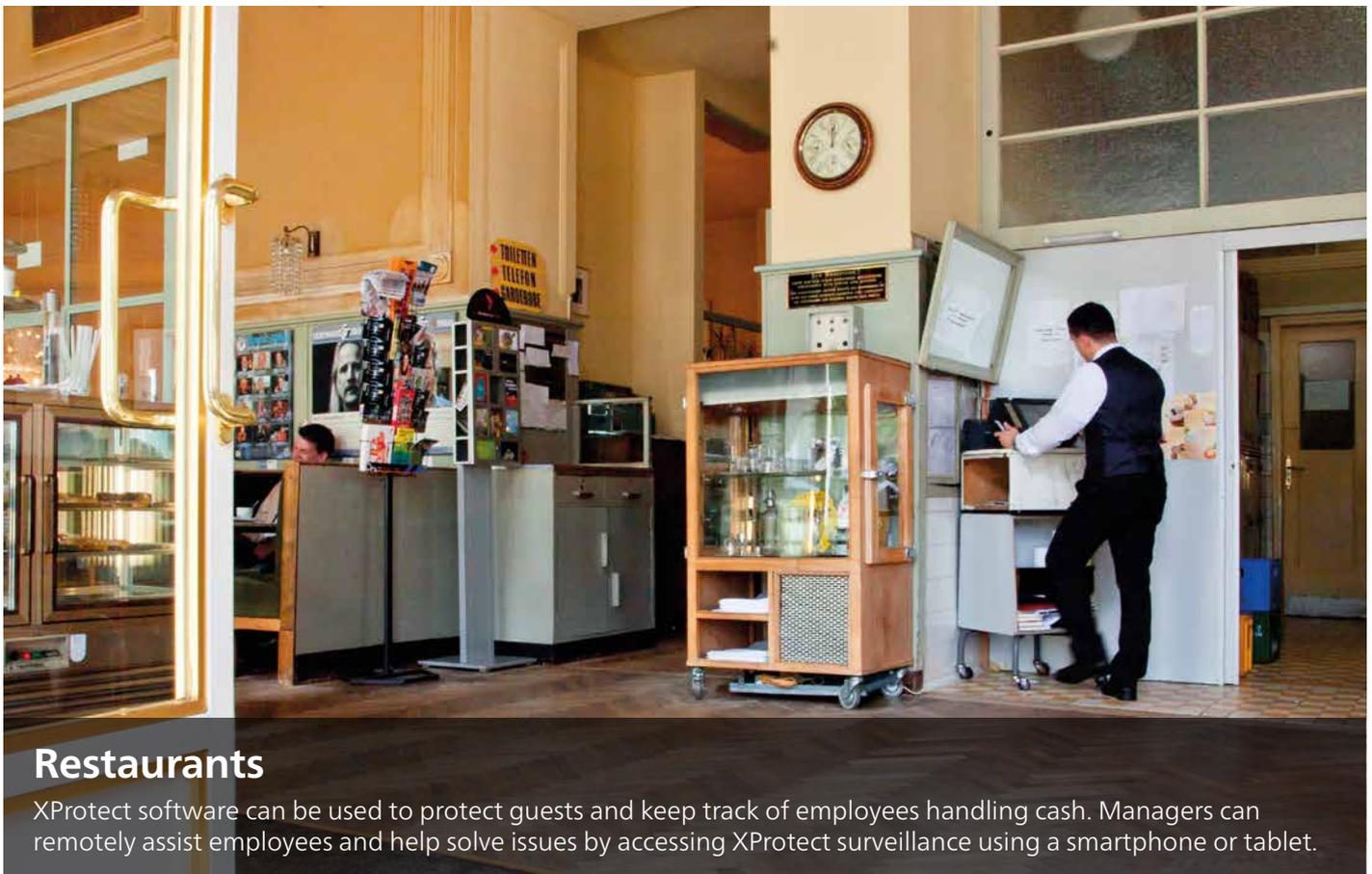
Integrate add-on products and third-party solutions, including access control, video analytics and building management systems to create one comprehensive surveillance solution with increased functionality and one common interface.

## ◇ Access anywhere

XProtect Express is compatible with all three XProtect clients, giving users access to their video surveillance system from anywhere at any time.

## ◇ Situational awareness

With simple and efficient video search tools and multiple export options, users can quickly gather and share evidence when needed.



## Restaurants

XProtect software can be used to protect guests and keep track of employees handling cash. Managers can remotely assist employees and help solve issues by accessing XProtect surveillance using a smartphone or tablet.

## What's new in 2014

### One-layer interactive map

XProtect Smart Client users get a graphical overview of the entire installation providing visual assistance to identify and navigate through different cameras and views. Users of all skill levels can easily locate and process video recordings using the intuitive map feature.

### Update notifications

Users are automatically notified about new software versions, ensuring they are always aware of the latest product updates, capabilities and bug fixes.

### Easy to deploy

All XProtect Professional VMS Products use the same installer, which simplifies the deployment process.

### Simple upgrade

New licensing flow significantly reduces steps and time involved when upgrading to a more advanced Milestone solution and when updating the VMS to the latest version available.

### Support for generic events

Enables easy and fast integration of third-party applications and systems via a simple message-based socket communications interface.

### Automatic motion detection adjustment

Adjusts the sensitivity level to optimize motion detection for background noise levels in the video stream.



### Did you know?

Some of our many retail customers use XProtect for inventory management by combining electronic label scanning with the software to easily see if products are in the warehouse or on store shelves.

#### Product facts

Number of cameras	48
Maximum number of users	5
Milestone Interconnect	Supported
Milestone Customer Dashboard	Supported

#### Product highlights

- ▶ Supports all XProtect clients
- ▶ One-layer interactive map
- ▶ System alarms
- ▶ Privacy masking
- ▶ Smart Search video search tool
- ▶ Third-party application integration (MIP SDK)
- ▶ Pan-tilt-zoom control
- ▶ Included one-year of Milestone Care Plus
- ▶ Automatic configuration wizards
- ▶ Multiple video export formats
- ▶ Built-in motion detection
- ▶ Support for XProtect Retail

# ◇ XProtect Professional

Comprehensive surveillance for mid-sized companies

XProtect Professional is comprehensive IP video surveillance for businesses and institutions looking for a complete overview of surveillance. With support for interactive graphical maps showing camera locations, XProtect Professional is ideal for users who need to proactively address incidents. Alarms displayed directly in the maps make it easy to quickly identify and address incidents throughout the system. If an incident occurs, efficient video search tools enable users to easily find relevant video clips and export evidence.

## ◇ Complete visual overview

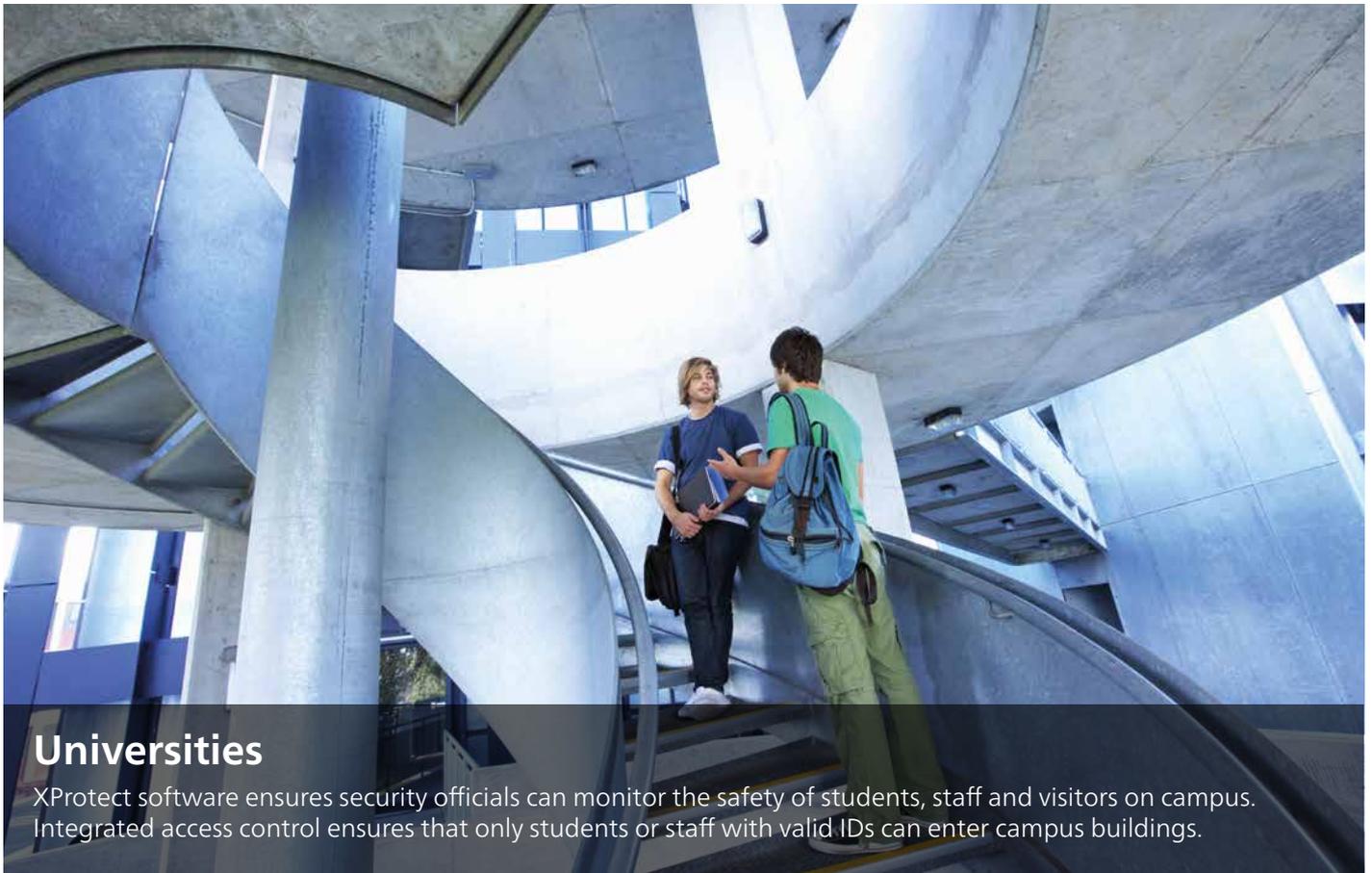
Users can easily gain a complete overview of campus-style installations with multiple buildings from a single interface displaying multi-layered maps with all camera locations.

## ◇ Instant alerts

The Alarm Manager prioritizes all active alarms making it easy to visually verify whether or not unwanted behaviors occur, even in busy installations with heavy foot traffic.

## ◇ Easily expand

With support for unlimited cameras and servers, XProtect Professional can easily expand as business needs change and grow.



## Universities

XProtect software ensures security officials can monitor the safety of students, staff and visitors on campus. Integrated access control ensures that only students or staff with valid IDs can enter campus buildings.

# What's new in 2014

## Simple upgrade

New licensing flow significantly reduces steps and time involved when upgrading to a more advanced Milestone solution and when updating the VMS to the latest version available.

## Easy to deploy

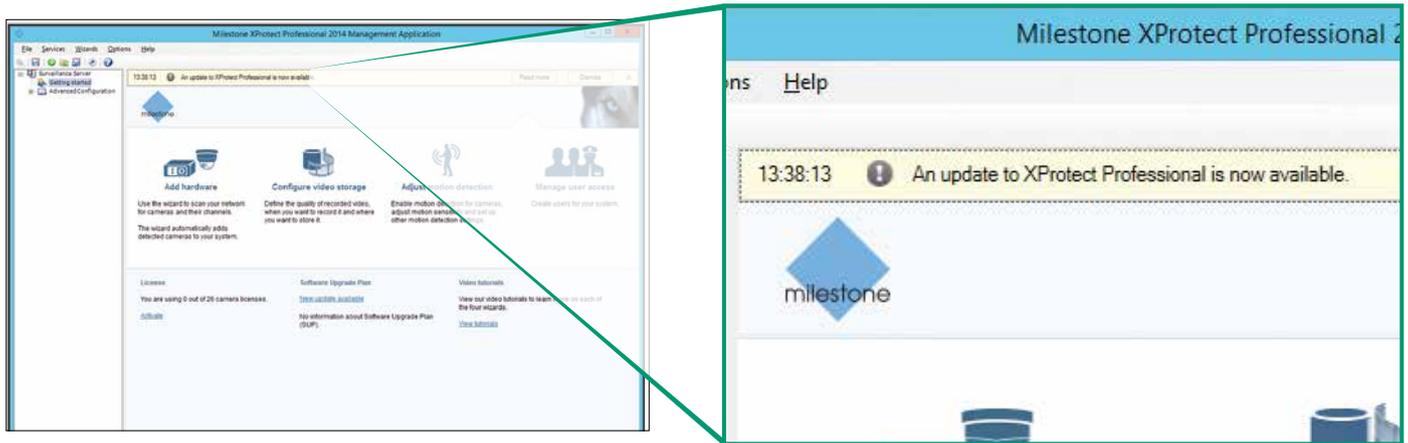
All XProtect Professional VMS Products use the same installer, which simplifies the deployment process.

## Update notifications

Users are automatically notified about new software versions, ensuring they are always aware of the latest product updates, capabilities and bug fixes.

## Automatic motion detection adjustment

Adjusts the sensitivity level to optimize motion detection for background noise levels in the video stream.



## Did you know?

You can search the Solution Finder for solutions developed by Milestone and third-party vendors that help solve any video surveillance challenge. Find it on the Milestone website: [www.milestonesys.com](http://www.milestonesys.com)

### Product facts

Numbers of cameras per server	Unlimited
Number of supported servers	Unlimited
Maximum number of users	Unlimited
Milestone Interconnect	Supported
Milestone Customer Dashboard	Supported

### Product highlights

- ▶ Supports all XProtect clients
- ▶ Multi-layered interactive maps
- ▶ Alarm Manager wizards
- ▶ Privacy masking
- ▶ Third-party application
- ▶ Supports Microsoft Active Directory
- ▶ Two-way audio
- ▶ Scalable multi-server solution
- ▶ Automatic configuration
- ▶ Smart Search video search tool
- ▶ Multiple video export formats

# ◆ XProtect Enterprise

Efficient video surveillance for medium and large installations

XProtect Enterprise is video surveillance for medium, multi-site installations. With support for a wide array of sophisticated features XProtect Enterprise is ideal for users who need to quickly respond to incidents and safeguard video evidence. XProtect Enterprise offers a comprehensive overview of the entire surveillance installation, allowing for quick detection of high-risk areas and exceptional situational awareness.

## ◆ Incident detection

Interactive and multi-layered maps provide a comprehensive overview of cameras and layouts allowing for quick detection of trouble areas.

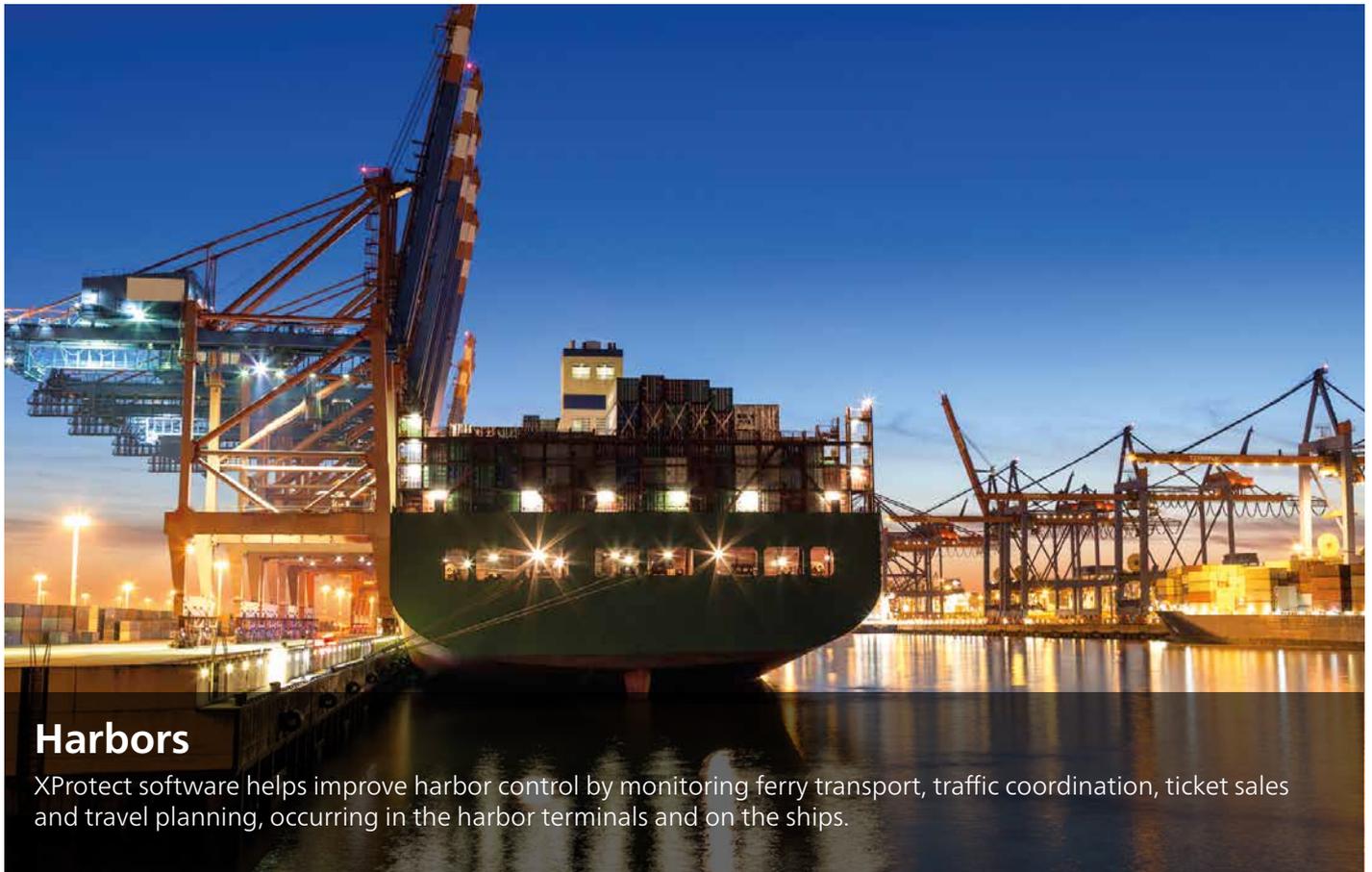
Using the Camera Navigator, users can easily track moving objects even in geographically complex security locations.

## ◆ Safeguard video evidence

Unique capabilities ensure the integrity and availability of critical video evidence.

## ◆ Detect motion instantly

Includes a wide range of capabilities which ensure high performance and reliability, including built-in motion detection.



## Harbors

XProtect software helps improve harbor control by monitoring ferry transport, traffic coordination, ticket sales and travel planning, occurring in the harbor terminals and on the ships.

# What's new in 2014

## Simple upgrade

New licensing flow significantly reduces steps and time involved when upgrading to a more advanced Milestone solution and when updating the VMS to the latest version available.

## Easy to deploy

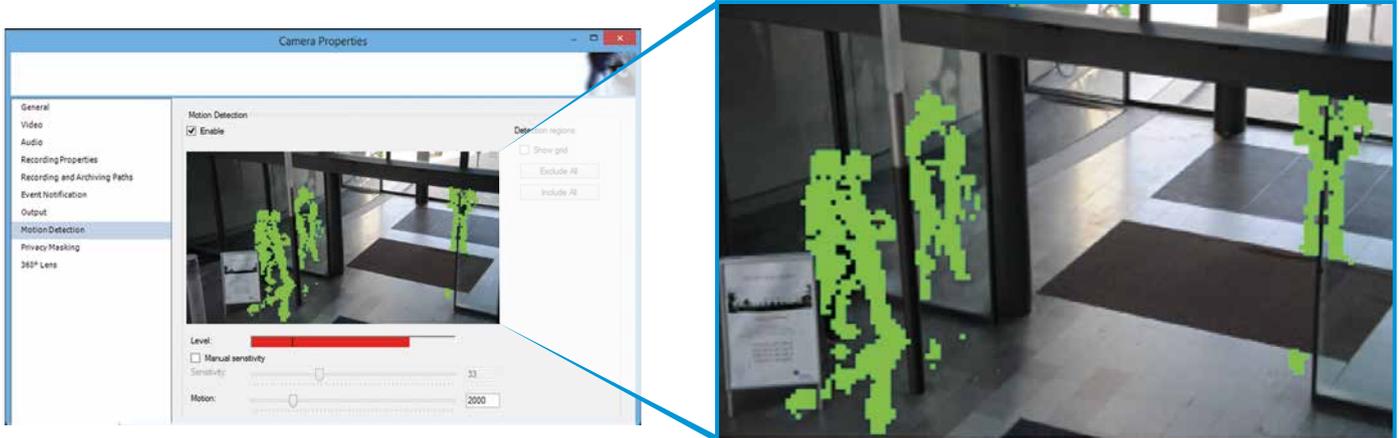
All XProtect Professional VMS Products use the same installer, which simplifies the deployment process.

## Update notifications

Users are automatically notified about new software versions, ensuring they are always aware of the latest product updates, capabilities and bug fixes.

## Automatic motion detection adjustment

Adjusts the sensitivity level to optimize motion detection for background noise levels in the video stream.



## Did you know?

Milestone Customer Dashboard is an online monitoring service that enables resellers to maintain real-time system status of their customers' installations and keep track of technical incidents in the installation. Resellers can then proactively solve issues before they become a problem to the user.

(See page 40)

### Product facts

Numbers of cameras	Unlimited
Number of supported servers	Unlimited
Maximum number of users	Unlimited
Milestone Interconnect	Supported
Milestone Customer Dashboard	Supported

### Product highlights

- ▶ Supports all XProtect clients
- ▶ Multi-layer interactive maps
- ▶ Alarm Manager
- ▶ Privacy masking
- ▶ Smart Search video search tool
- ▶ Third-party application integration (MIP SDK)
- ▶ Two-way audio
- ▶ Scalable multi-server solution
- ▶ Automatic configuration wizards
- ▶ Multiple video export formats
- ▶ Supports Microsoft Active Directory

# ◆ XProtect Expert

Advanced video surveillance with central management

XProtect Expert has central management interface features that allows large systems with multiple recording servers to be efficiently managed as one uniform system. Using scheduled and event-driven rules, it is easy to automate security actions and control external systems, reducing the amount of manual tasks. XProtect Expert also has efficient alarm handling and the ability to flag suspicious incidents for later review.

## ◆ Central system management

The management interface includes a wide range of tools that ease the daily administration of large systems that may be deployed across different geographical locations. The device group management concept enables fast and structured management of cameras and other connected devices in large installations.

## ◆ Scalable solution

A highly efficient recording server makes it possible to run more cameras on less hardware and provides unlimited system scalability. This gives system integrators flexibility in the design and scaling of customer systems and allows customers to grow with their system.

## ◆ Situational awareness

Interactive maps combined with the Alarm Manager enable users to quickly visually verify the location and cause of alarms, helping to decrease the number of false alarms. The bookmark function allows users to mark sections of video that are of particular interest and add descriptive notes for later analysis or sharing with other users.



## Sport stadiums

Video surveillance makes it easier to manage large public places like stadiums. Using XProtect software authorities can patrol the stands and surrounding areas and zoom in on problem areas before dispatching police.

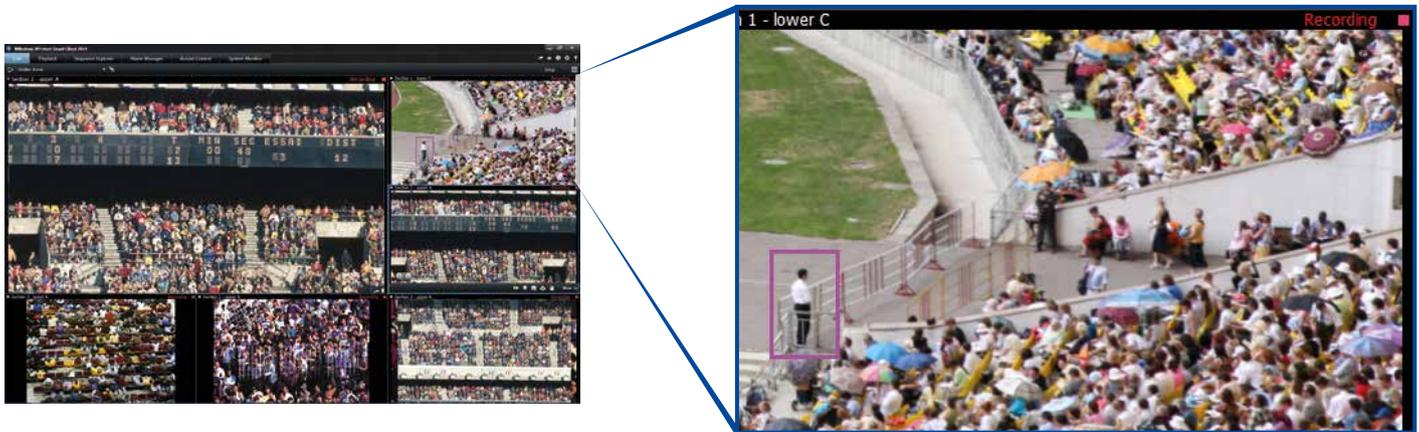
## What's new in 2014

### Support for XProtect Smart Wall

Operators can coordinate response activities using XProtect Smart Wall, an add-on video wall product that displays all video in the installation. It is an ideal solution to gain an overview and share information in any large surveillance installation.

### Bounding boxes

Metadata generated by edge-based video analytics in cameras can be used to identify and highlight objects with bounding boxes in both live and playback.



### Did you know?

Milestone offers free XProtect support resources including a Knowledge Base of support articles, a support forum and product manuals and guides.

Get support from our website:  
[www.milestonesys.com](http://www.milestonesys.com).

### Enhanced system security

Dual authorization offers an additional level of system security for customers operating in high-security areas. Users are only granted access to the system once a second user or supervisor has confirmed the log-in with the successful authorization of the second user.

### Automatic motion detection adjustment

Adjusts the sensitivity level to optimize motion detection for background noise levels in the video stream.

#### Product facts

Number of cameras	Unlimited
Maximum number of recording servers	Unlimited
Milestone Interconnect	Supported
Milestone Federated Architecture	Supported

#### Product highlights

- ▶ Scalable multi-server solution
- ▶ Centralized management
- ▶ Rule engine
- ▶ Multi-layer interactive maps
- ▶ Bookmarking
- ▶ Edge Storage
- ▶ Metadata support
- ▶ User rights management
- ▶ Alarm management
- ▶ Supports XProtect Smart Wall
- ▶ System configuration API
- ▶ Customizable management interface

# ◇ XProtect Corporate

IP video surveillance for high security

XProtect Corporate is IP VMS designed for large-scale, high-security deployments that demand high-performance surveillance. Using the software's single management interface, system administrators can efficiently control all cameras and security devices regardless of the system's size or if it is distributed across multiple sites. For systems demanding supreme situational awareness and precise response to incidents, XProtect Corporate has interactive maps linked to alarms and included support for XProtect Smart Wall.

## ◇ Central management

Advanced group management concepts, inheritance of system settings and automated system management processes make it easy to set up and administrate XProtect Corporate regardless of its size or distribution.

Central management with customizable user interface allows users with different skill levels and responsibilities to administrate any aspect of the system from a single management interface.

## ◇ System redundancy

Failover recording servers maintain video viewing and recording capabilities with minimal interruption and video loss in the event of network problems, server failure, loss of power or any other system problem. Edge Storage is an additional redundancy option to ensure the continuous recording of video. Recordings are retrieved from the camera storage based on time schedules and events reducing the risk of missing evidence.

## ◇ High performance

High-performance recording servers with unique multi-stage video storage, including video grooming, provide efficient long-term storage, while all video remains online.

Native 64-bit operating system support enables flexible sizing and dimensioning of customer installations.



## Airports

XProtect makes it possible to gain a full overview of large facilities through one system. It is also easy to find and export encrypted evidence that can be shared with authorities to handle prosecutions or to resolve other issues.

### ◇ Quickly identify incidents

Interactive and multi-layered maps provide a comprehensive overview of cameras and layouts of the entire surveillance installation for quick detection of trouble areas.

Alarms are consolidated from all security devices and systems into one video-enabled, single-point Alarm Manager for immediate visual verification. Large, critical surveillance installations, such as alarm centers, gain rapid response time with the included XProtect Smart Wall.

### ◇ Mark and store video

Users can quickly sort through large amounts of video evidence by using advanced search tools such as Sequence Explorer and Smart Search.

The bookmark function allows users to mark video sections of particular interest and add descriptive notes to be analyzed or shared with other users.

### ◇ Ensure video credibility

Encryption of stored and exported video protects the integrity of video data while digital signing technology ensures the validity of the entirety of the evidence content when played back by law enforcement and public authorities.

High-security installations can protect the integrity of live and recorded video with strict user rights, such as restricting permission to: specific cameras, functions, individual user access or specific time periods.

## Distributed operation

**Milestone Federated Architecture™** is a system concept that enables users to connect multiple, individual XProtect Corporate and XProtect Expert sites so they can be operated as one large system with a central XProtect Corporate system. This provides operators with access to all cameras in the system, while all federated sites can be administered centrally.

**Milestone Interconnect** is a complimentary system concept that enables all Milestone video surveillance solutions to be centrally operated from a central XProtect Corporate system (see details on page 31).



## Did you know?

Kruger National Park in South Africa is using XProtect software to protect wildlife from poachers and being hit by speeding cars.

Park managers monitor vehicles entering and leaving park gates and track vehicles from poachers.

### Product facts

Number of cameras	Unlimited
Maximum number of servers	Unlimited
Milestone Interconnect	Management and supported
Milestone Federated Architecture	Management and supported

### Product highlights

- ▶ Scalable multi-server solution
- ▶ Centralized management
- ▶ High system availability
- ▶ Multi-stage video storage
- ▶ Encrypted video storage
- ▶ Evidence lock
- ▶ Situational awareness tools
- ▶ Metadata support
- ▶ Edge Storage
- ▶ Tiered management rights
- ▶ Customizable interface
- ▶ XProtect Smart Wall included
- ▶ System configuration API

## What's new in 2014

### Video metadata

An ONVIF-compliant metadata framework enables transparent handling and storage of metadata from cameras and other sources. Support in MIP SDK makes external system access to metadata and native presentation in XProtect Smart Client possible.

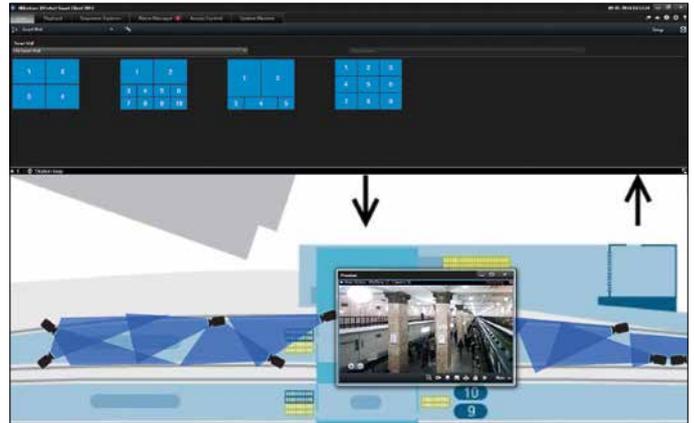


### Bounding boxes

Metadata generated by edge-based video analytics in cameras can be used to identify and highlight objects with bounding boxes in both live and playback.

### XProtect Smart Wall included

XProtect Corporate 2014 includes XProtect Smart Wall, allowing customers to use Milestone's advanced video wall solution without additional licensing cost.



### Enhanced system security

Dual authorization offers an additional level of system security for customers operating in high-security areas, where users only are granted access to the system once a second user, or supervisor, has confirmed the log-in.

### Secure video recordings

Evidence Lock is a function that secures the availability of video recordings for investigations and allows XProtect Smart Client users to extend the retention time for video evidence by overriding defined video retention policies.

### External system control

Allow external systems to make changes to the system's configuration. This unlocks a range of new possibilities because it is possible to control system settings from external business systems and applications.

### Tiered management rights

It is possible to assign partial management permissions to system administrators, which is vital for any large installation with several administrators, each with their own dedicated areas of responsibility.

### Customizable management interface

The Management Client can be customized for different categories of system administrators, optimizing the interface for different roles and responsibilities.

### Automatic motion detection adjustment

Adjusts the sensitivity level to optimize motion detection for background noise levels in the video stream.

# XProtect Corporate

## Customer story - Paul Smith

XProtect Corporate made it possible to gradually transition all of UK-based retailer Paul Smith's surveillance systems from analog to IP technology.



### Retail shops

XProtect makes it possible to gain a full overview of large facilities through one system. It is also easy to find and export encrypted evidence that can be shared with authorities to handle prosecutions or to resolve issues.

### Global migration to long term IP video solution

XProtect Corporate is being used in all of UK-based retailer Paul Smith's 45 stores around the world. The system is mainly used for loss prevention, but will also provide vital business intelligence to retail operations management.

"The fact that Milestone XProtect is built on open platform architecture using Microsoft Active Directory makes rapid roll out possible, as well as cost-effective maintenance and support. Selecting Milestone XProtect enables us to migrate the whole CCTV estate onto a single platform to establish uniformity and consistency." said Paul Smith's head of IT, Lee Bingham.

XProtect Corporate makes it possible for Paul Smith to control which managers can see cameras from different stores around the world. This helps reduce costs because managers do not necessarily need to physically visit a store to solve issues. Lee Bingham explains:

"We can now log in via the Milestone XProtect Smart Client front-end and retrieve live and recorded video from all the cameras anywhere in the world. If there is a problem, we can generally fix it via the network from Nottingham, England without getting on a plane. This saves management time and reduces our company's carbon footprint."

Milestone Interconnect™

# Unite your surveillance



◇ Retail chains

◇ Banks

◇ Public transportation

◇ Alarm centers

◇ Multi-site businesses

◇ Education

## Cost-efficient distributed surveillance

Link distributed Milestone solutions with the advanced surveillance functions of XProtect Corporate to create a cost-efficient and

scalable solution. Each interconnected system is independent while video can be accessed and managed centrally.

# ◆ Milestone Interconnect

Connect and centrally manage remote sites

Milestone Interconnect is a unique system concept that allows all XProtect VMS and Milestone Husky NVR products to be interconnected with Milestone premium XProtect Corporate software. Milestone Interconnect provides a cost-efficient and flexible way to gain central surveillance operations across geographically dispersed sites.

Milestone Interconnect allows you to roll out broader branch and site deployments, where the most optimal Milestone surveillance product is selected for individual remote locations, while the central operation is made from a self-determined headquarters, offering full functionality to any interconnected camera. Milestone Interconnect also allows customers to grow with their existing Milestone solutions where a central operational overlay can be added across already existing local installations.

## ◆ Centralized management

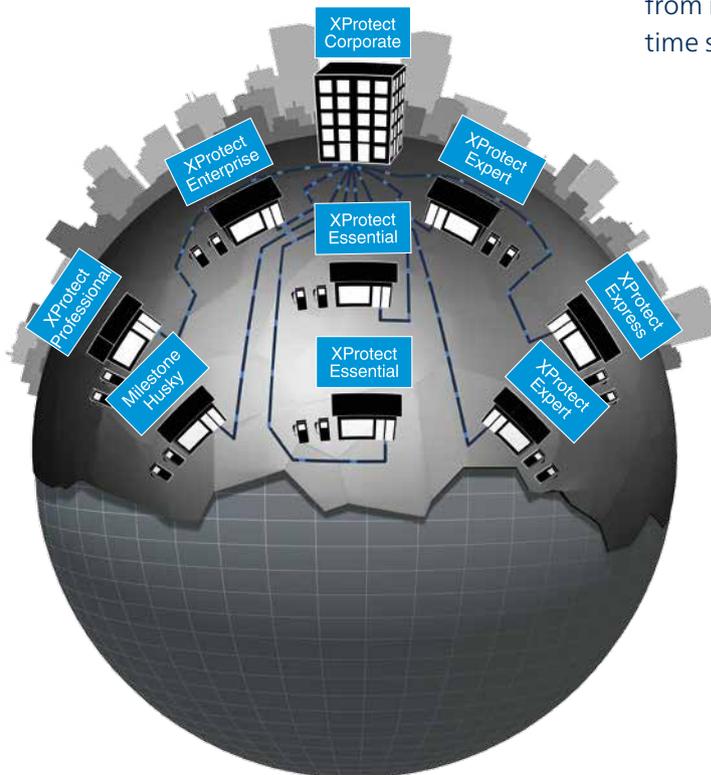
Faster incident handling is possible because operators in the central system can access video and receive alarms from connected remote sites. Users can also centralize daily operations, including monitoring video and handling evidence, for effective management of multiple stand-alone video surveillance installations.

## ◆ Cost effective

Reduce the need for local security personnel, maintenance operations and other staff because systems can be managed remotely, reducing on-site visits. Users can also optimize storage using available remote or central storage and network resources.

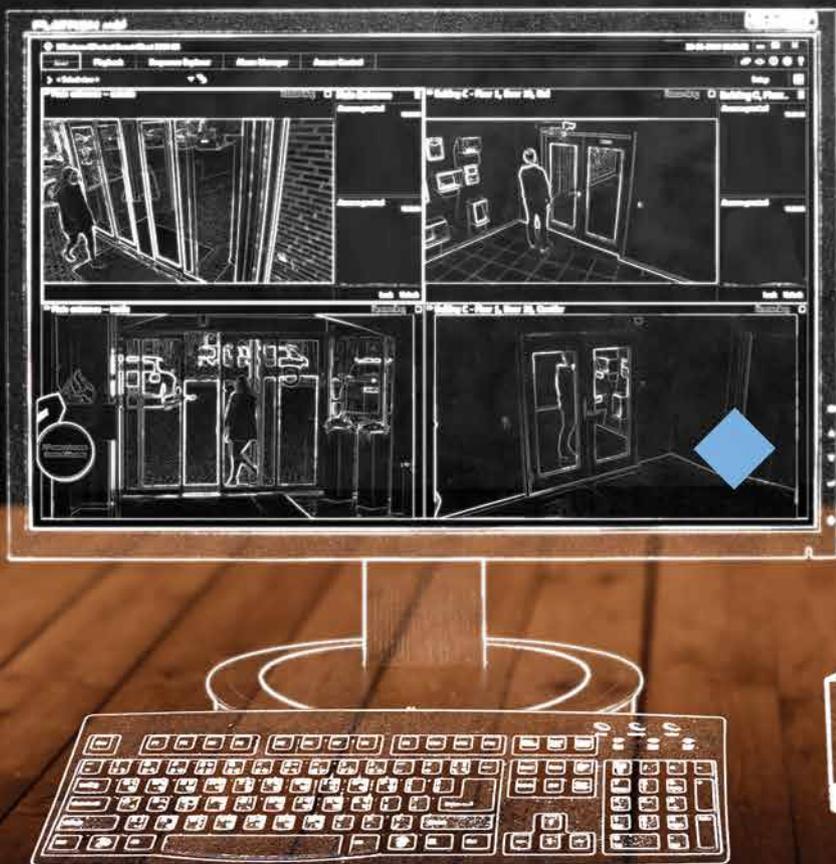
## ◆ Intermittent connections

Milestone Interconnect is resilient against intermitted connections between the central XProtect Corporate system and any interconnected system. It is a perfect solution for systems with temporary and unstable connections. Using a combination of local and central video storage, video can be retrieved from interconnected sites based on time schedules or manual requests.



Milestone Husky™ NVR Series

# Video surveillance your way



## Integrated solutions with unlimited options

The innovative Milestone Husky Series of network video recorders (NVRs) delivers fully integrated, customizable video surveillance solutions. This state-of-the-art series of NVRs can be tailored to

meet the demands of any surveillance installation, from a small family-owned business to a complex surveillance installation with multiple sites and hundreds of cameras.

# ◆ Milestone Husky M10

Plug-and-play, walk away

## It's that easy

Our small and sleek NVR is preinstalled with Milestone video management software for efficient performance and reliability. Ideal for entry-level video surveillance, it can be set up in minutes to instantly access live and recorded video from any Internet-enabled device. No training required.



## Easy to set up and operate

Plug in Milestone Husky M10 and within minutes, you're up and running. Features include automatic camera discovery, configuration wizards and an intuitive interface.

## Helping you do more

Benefit from features such as built-in motion detection and user management capability, which enable you to control the administration of multiple system operators.

## Viewing clients

Access your system remotely via XProtect Web Client or get on-the-go surveillance with Milestone Mobile.

## Entry-level surveillance functionality

Stream live video from all cameras in one viewing interface and enjoy simple view and playback. The NVR allows for easy export of forensic evidence and investigation and includes PTZ controls.

## Scalability with Milestone Interconnect

Easily connect multiple Milestone Husky NVRs for unlimited scalability and cost effectiveness. Plus, you can create simpler solutions at remote sites, while taking advantage of XProtect Corporate premium features from a primary central location.

### Product specifications

Camera channels	4/8
Dimension	200(W)x200(D)x45(H) mm
CPU	ATOM
Memory on board	4GB
Storage	1TB – 2TB
Operating system support	Linux
Power Input	60W / 100-240V
Maximum number of users	6
Dual network interface cards	Yes
Rear System I/O2	2 x GbE, RJ45 , 4 x USB 1 x DVI / 1x HDMI
Environment operation temperature	0~40°C
Codecs supported	H.264, MPEG-4, M-JPEG
Certificates	CE, FCC, UL
Storage Temp:	-20°C ~70°C

### Product highlights

One-way audio support	Yes
Supports ONVIF cameras	Yes
Pan-tilt-zoom (PTZ) support	Yes
Milestone Customer Dashboard	Yes
XProtect Web Client	Yes
Milestone Interconnect	Yes
Included three years of Milestone Care Plus	Yes
Included hardware warranty	Yes

# ◆ Milestone Husky M30

Ready to take off

## Geared up for emerging needs

Designed for workstation installations with comprehensive surveillance needs, the Milestone Husky M30 NVR is preinstalled with XProtect video management software and compatible with third-party integrations. Customize to fit your budget and scale up as your business grows.



## Comprehensive interactive monitoring

Benefit from interactive and multi-layered maps, integrated Alarm Manager, advanced video search tools and multi-channel two-way audio for message broadcasts or direct communications.

## Easy to deploy and expand

Install simply and quickly with configuration wizards and automatic camera discovery. You can also connect multiple Milestone Husky NVRs for increased efficiency and cost effectiveness.

## Helping you do more

Access video remotely for faster response to incidents. Features includes built-in motion detection and dual/independent, configurable video streams to help optimize servers and network infrastructure.

## Support and warranty

The Milestone Husky series includes three-years of Milestone Care Plus and a three-year hardware warranty. Milestone Care Plus includes the Milestone Customer Dashboard, an online system monitoring service that enables resellers to keep track of real-time technical incidents in the system and proactively solve issues.

### Product specifications

Camera channels <sup>1</sup>	10 / 20
Dimension	30(W)x30(D)x9(H) cm
CPU	i5 or i7
Memory on board	4GB – 16GB
Storage	2TB – 12TB
Operating system and VMS	WE57, XProtect
Solid state drive	32 GB for VMS and OS
Maximum power consumption	68.8W, 24V DC input
Power Input	200W / 100~240V
Environment operation temperature	0~40°C
Number of supported servers	Unlimited
Maximum number of users	Unlimited
Dual network interface cards	Yes
Certificates	CE, FCC, UL
Storage Temp:	-20°C ~70°C

### Product highlights

Supports all XProtect clients	Yes
One-way and two-way audio support	Yes
Multiple video export formats	Yes
Video Push	Yes
Smart Search	Yes
Alarm Manager	Yes
Milestone Interconnect	Yes
XProtect add-ons and third-party applications	Yes
Milestone Customer Dashboard	Yes

# ◆ Milestone Husky M50

Feature-rich with unlimited capabilities

## The sky's the limit

Introducing Milestone Husky M50 – our premier, rack-mounted solution combining high-performance, industrial-grade hardware with preinstalled XProtect video management software. Feature-rich with unlimited options, the model is perfect for advanced installations with sophisticated surveillance needs.



## Advanced interactive monitoring and graphical overview

Get a graphical overview of your surveillance installation with interactive and multi-layered maps. Alarm Manager map integration offers a consolidated overview of system alarms. Also includes advanced video search tools and multi-channel, two-way audio.

## Simple to set up and scale up

Follow the configuration wizard and set up with just a few clicks. You can add devices with automatic camera discovery while unlimited servers maintain system performance. Scale up by connecting multiple Milestone Husky NVRs.

## Greater efficiency and management

Remote access, built-in motion detection, and dual/independent, configurable video streams - features that add convenience and help optimize servers and network infrastructure.

## Support and warranty

The Milestone Husky series includes a three years of Milestone Care Plus and a three-year hardware warranty. Milestone Care Plus includes the Milestone Customer Dashboard, an online system monitoring service that enables resellers to keep track of real-time technical incidents in the system and proactively solve issues. Lastly, the Milestone Husky M50 exclusively offers optional RAID storage.

Product specifications	
Camera channels <sup>1</sup>	10 / 20 / 40 / 80
Dimension	(W)x40(D)x8.8(H) cm
CPU	i7
Memory on board	8GB – 16GB
Storage	4TB – 48TB
Operating system and VMS	WE57, XProtect
Solid state drive	32 GB for VMS and OS
Hot plug disk drives	Yes
Dual network interface cards	Yes
Environment operation temperature	0~40°C
Number of supported servers	Unlimited
Maximum number of users	Unlimited
Certificates	CE, FCC, UL
Storage Temp:	-20°C ~70°C

Product highlights	
Supports all XProtect clients	Yes
One-way and two-way audio support	Yes
Multiple video export formats	Yes
Video Push	Yes
Smart Search	Yes
Alarm Manager	Yes
Milestone Interconnect	Yes
XProtect add-ons and third-party applications	Yes
Milestone Customer Dashboard	Yes



XProtect® add-ons products and services  
**Expanding opportunities**

### **Add specialized functionality**

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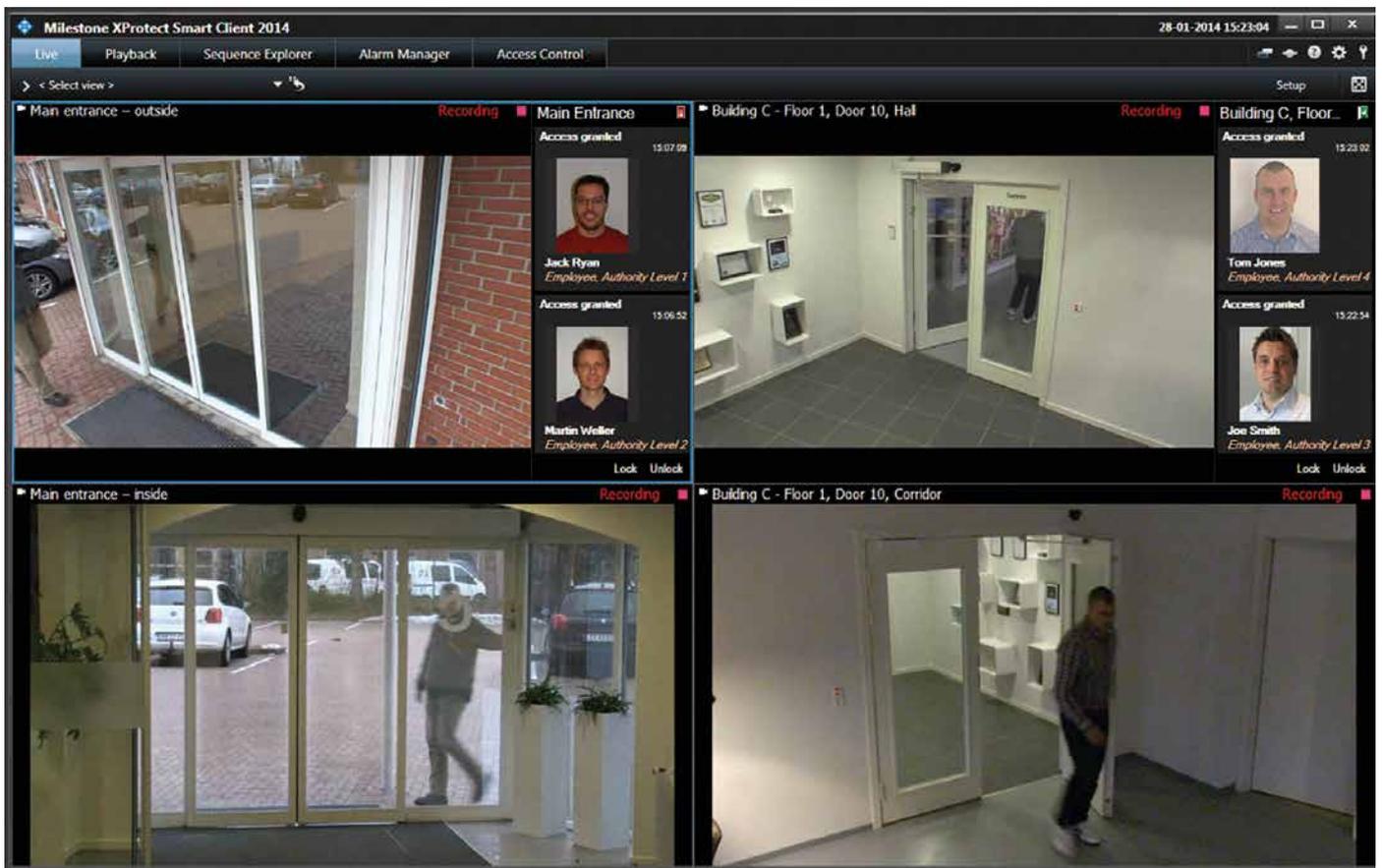
XProtect add-on products are separate software components installed on top of the existing Milestone video surveillance system, providing users

with extra value and functionality. Milestone services help monitor, maintain and scale the installation.

# ◇ XProtect Access Control Module

Monitor and control access points

XProtect Access Control Module unites access control and video into one solution. Extending the capabilities of the Milestone Integration Platform, XProtect Access Control Module enables easy integration of third-party access control solutions into XProtect Smart Client. Users have a consolidated interface to operate access control systems. Dedicated functions in XProtect Smart Client enable users to effectively monitor access events, manually control passage and conduct investigations on specific access points or cardholders.



## ◇ Improve efficiency

With the primary and most commonly used access control functions as an integral part of XProtect Smart Client, XProtect Access Control Module eliminates the need for users to work with multiple independent systems.

## ◇ Integrate multiple systems

Multiple access control systems, as well as systems from different vendors, can be controlled by XProtect Smart Client. Through the Milestone Solution Partner program, Milestone offers a number of pre-integrated access control solutions with market-leading vendors.

## ◇ Optimize operations

A dedicated Access Control tab in XProtect Smart Client provides an overview of access control events for live monitoring, investigations and reporting. Instant access request notifications with corresponding video and cardholder information enable immediate visual validation of people requesting access.

# ◇ XProtect Smart Wall

## Comprehensive video overview

XProtect Smart Wall is an advanced video wall product that provides a complete overview of large surveillance centers. Intuitive configuration tools allow users to easily populate preset layouts by dragging and dropping camera icons or using the powerful rules engine. XProtect Smart Wall supports any amount or combination of monitors regardless of manufacturer and runs on standard servers and displays.



### ◇ Flexible layout

Users can create an efficient working environment by setting up rules so that XProtect Smart Wall camera views and layouts are automatically populated to meet defined surveillance situations in conjunction with specific incidents such as nightshifts.

### ◇ Hardware independent

XProtect Smart Wall supports any number or combination of monitors regardless of manufacturer, runs on standard servers and displays and does not require special video wall hardware making XProtect Smart Wall a cost-effective solution.

### ◇ Improve response time

Displays all the video data in an installation and gives a complete overview of large surveillance centers. Operators can focus on the most critical matters and coordinate response activities because multiple users can be shown the same view.

# ◇ XProtect LPR

## Automatic vehicle license plate detection

XProtect LPR is license plate recognition (LPR) software that reads license plate information and links the license plate number with video. It is a simple way to control vehicle access, for example, for entrance/exit barriers, parking spaces and toll gates. XProtect LPR can send a notification when a certain license plate is detected, enabling users to quickly take action.



### ◇ Accurately identify

XProtect LPR is based on one of the most reliable license plate engines available, with high-recognition performance and low error rates. With an optimal camera setup, XProtect LPR ensures passing vehicles are identified accurately.

### ◇ Loss prevention tool

Using negative lists and third-party integrations, the system is designed to automatically disengage a fuel pump if the same blacklisted vehicle license plate is recognized at any station.

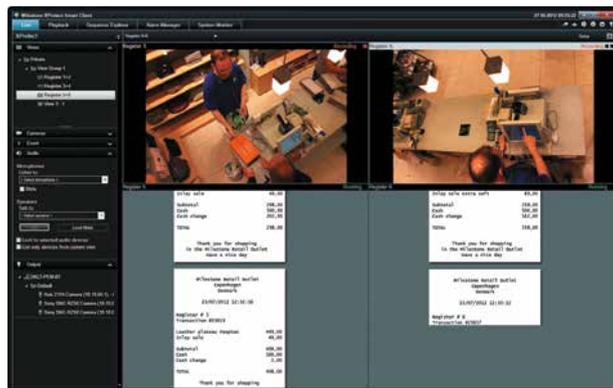
### ◇ Regulate access

Instead of issuing toll collection devices such as smart cards or radio frequency identification (RFID) tags, XProtect LPR can automatically open a parking lot gate when a permitted license plate is detected, reducing costs and optimizing processes.

# ◇ XProtect Transact

Monitor POS and ATM activity

XProtect Transact is software that directly links video with transaction data from point-of-sale (POS) systems or automated teller machines (ATMs). Transactions and corresponding video can be monitored live or viewed later. Users can perform a text search on one cash register/till at a time to identify transactions with, for example, gift cards, credit cards, coupons or returned merchandise.



## ◇ Real-time monitoring

Video and transaction receipts are displayed alongside one another so users can easily verify if goods are being scanned correctly.

## ◇ Receive specific notifications

Receive notifications each time specific products are scanned. This notification can also trigger an event to change frame rate, start recording, raise an alarm or move a pan-tilt-zoom (PTZ) camera to a fixed preset, ensuring that video evidence of the incident is recorded.

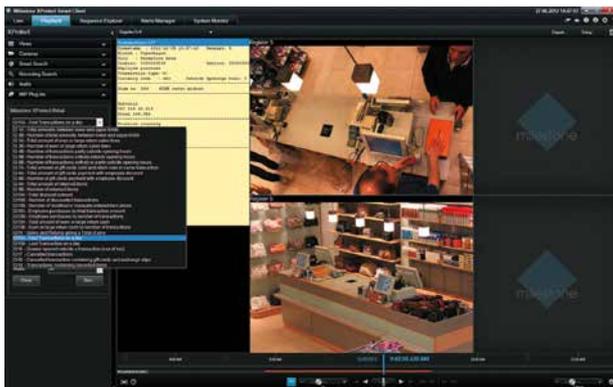
## ◇ Investigate transactions

Search for specific text strings in the receipt line from a cash register. The search results provide a time-synchronized interface displaying video from the corresponding camera at a specific time.

# ◇ XProtect Retail

Optimize store operations and increase profits

XProtect Retail is an investigation tool for performing advanced transaction data analysis to help retailers optimize store operations and increase profits by identifying fraud and reducing shrinkage. Based on transaction data from POS systems or ATMs typically gathered in enterprise resource planning (ERP) systems, XProtect Retail links data with corresponding video from relevant cameras.



## ◇ Efficiently identify fraud

Video sequences can be linked with receipt and transaction data gathered from the POS system, ERP system or ATMs. XProtect Retail helps reduce fraud by identifying and sending alerts about suspicious activity.

## ◇ Monitor self-checkouts

Transaction data is displayed alongside corresponding video of the transaction in the software. Incidents can be efficiently tracked and video data can be exported and handed over to the proper authorities.

## ◇ Search video data

Search transaction and video data from specific cash registers/tills to find abnormal transactions or frequently repeated transaction patterns.

# ◇ XProtect Screen Recorder

Inconspicuous screen recording

XProtect Screen Recorder is a function that enables Milestone software to inconspicuously capture screen recordings of any Microsoft® Windows®-based computer or point-of-sale terminal. Manage loss and fraud by monitoring the use of business systems and documenting customer transactions. Captured screen recordings are managed identically to camera recordings and can be viewed in live and playback mode and exported for evidence.



## ◇ Easily create evidence

Captured screen recordings of transactions provide an account of fraudulent activity.

## ◇ Increase productivity

Monitor critical activities to ensure operations are running efficiently.

## ◇ Improve training

Use recordings to educate staff and evaluate behavior and activities.

# ◇ Milestone Customer Dashboard

System monitoring for optimal operation

Milestone Customer Dashboard is an online system monitoring service that enables resellers to obtain real-time system status of customer installations. With this system monitoring service, resellers can keep track of technical incidents in the system and proactively solve them before they become a problem to the user.



## ◇ Instant notification

Resellers can monitor technical incidents from any customer installation connected to the Internet. When away from the computer, resellers can get instant notification of any system error via email.

## ◇ Customer satisfaction

Resellers can proactively monitor installations so they can solve issues before they become a problem for the customer. Resellers can also use the Milestone Customer Dashboard to offer an enhanced service agreement and expand businesses.

## ◇ Zero startup time

No setup is required to use the Milestone Customer Dashboard. The service must be enabled in the Management Application and the installation requires Milestone Care Plus.

# ◇ Milestone Care

A level of support for every installation

Milestone Care is a suite of maintenance and support services for Milestone products, and a supplementary offering to the support provided by Milestone resellers and integrators. Milestone Care consists of four different service packages, ranging from online-based self-help to a customizable offering with dedicated technical account management. The various packages offer Milestone customers flexibility and enable them to select the level of service and support their installation, and business, requires.

## The packages

- Milestone Care Basic – The base package is included with every Milestone product. It provides access to the online eCare portal, a series of self-help guides, eLearning modules and chat assistance for Milestone product users.
- Milestone Care Plus\* – The second level provides resellers' access to the Milestone Customer Dashboard and offers a 100% trade-in credit on the current Milestone product when upgrading to a newer or more advanced product.
- Milestone Care Premium – The third level provides 24/7 technical support in local languages and access to the Case Management tool.
- Milestone Care Elite – The highest service level offers service level agreements with committed response and resolution times and a dedicated Milestone technical account manager.

\*) Milestone Care Plus replaces the Software Upgrade Plan (SUP).



# ◇ Encoder licensing

It's an evolution, not a revolution

The transition from analog to IP for surveillance installations is not a revolution, it's an evolution. Beginning in 2014, the industry's most reliable and scalable solution is even more obtainable. With Milestone, users can take a proactive approach to moving to IP, seamlessly integrating existing analog security systems.

## Only one license required

Milestone has changed the licensing policy for all analog-to-IP encoders that are connected to XProtect software. Now, only one license is needed for each analog-to-IP encoder, providing an effective way to transition and enjoy the benefits of IP now and in the future. Users can gain the operational benefits of IP and easily upgrade to new equipment and technologies.

With the goal of all surveillance installations gaining the security and operational benefits of IP, Milestone provides a true open platform, flexible VMS and easily scalable products that help customers move to IP at their pace and within their budget.



# Product comparison chart

Products	Type of installation	Number of supported cameras	XProtect Smart Client	XProtect Web Client	Milestone Mobile	XProtect Access Control Module	XProtect Smart Wall	XProtect LPR	XProtect Transact	XProtect Retail	XProtect Screen Recorder	Milestone Interconnect	Milestone Customer Dashboard	Third-party integration (MIP SDK)	Milestone Care Plus*
<b>XProtect Advanced VMS Products</b>															
<b>XProtect Expert</b>	Multi-server and centrally manage	∞	✓	✓	✓	✓	Supported	✓	✓	✓	✓	Supported		✓	Mandatory 1 year
<b>XProtect Corporate</b>	Multi-server and centrally manage	∞	✓	✓	✓	✓	Included	✓	✓	✓	✓	Management and supported		✓	Mandatory 1 year
<b>XProtect Professional VMS Products</b>															
<b>XProtect Go</b>	Single server	8	✓	✓	✓						✓				
<b>XProtect Essential</b>	Single server	26	✓	✓	✓						✓	Supported	Supported		Included 1 year
<b>XProtect Express</b>	Single server	48	✓	✓	✓	✓		✓	✓	✓	✓	Supported	Supported	✓	Included 1 year
<b>XProtect Professional</b>	Multi-server	∞ <sup>1</sup>	✓	✓	✓	✓		✓	✓	✓	✓	Supported	Supported	✓	Optional
<b>XProtect Enterprise</b>	Multi-server	∞ <sup>1</sup>	✓	✓	✓	✓		✓	✓	✓	✓	Supported	Supported	✓	Optional
<b>Milestone Husky NVR Series</b>															
<b>Milestone Husky M10</b>	Single server, fanless	4-8	✓	✓	✓						✓	Supported	Supported		Included 3 year
<b>Milestone Husky M30</b>	Multi-server, workstation	10-20	✓	✓	✓			✓	✓	✓	✓	Supported	Supported	✓	Included 3 year
<b>Milestone Husky M50</b>	Multi-server, rack mounted	10-80	✓	✓	✓			✓	✓	✓	✓	Supported	Supported	✓	Included 3 year

(1) For most installations larger than 250 cameras, Milestone recommends using XProtect Expert or XProtect Corporate.

\* See page 41 for details about Milestone Care Plus

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**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](http://www.milestonesys.com)

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