

Milestone Systems



# XProtect® Overview

The Open Platform Company

## **XProtect video management software Video surveillance solutions to fit all your needs**

Milestone XProtect is powerful video management software (VMS) that makes it easy to manage video surveillance systems. XProtect VMS displays video from surveillance cameras, enables users to control cameras and has intuitive tools for searching for recorded video. With a wide array of features for very basic to advanced surveillance needs, there is an XProtect VMS suited for all installation sizes and environments. A flexible licensing model ensures it is easy to upgrade from one XProtect product to another or add additional cameras to the system at any time.

XProtect is based on an open platform, which means the software is compatible with the industry's widest choice of IP cameras and encoders, giving users the freedom to mix and match hardware to fit their needs and budget. The open platform also means that users can benefit from integrating their video system with today's best analytics and business solutions and expand what is possible with future innovations. With XProtect, the possibilities are unlimited.

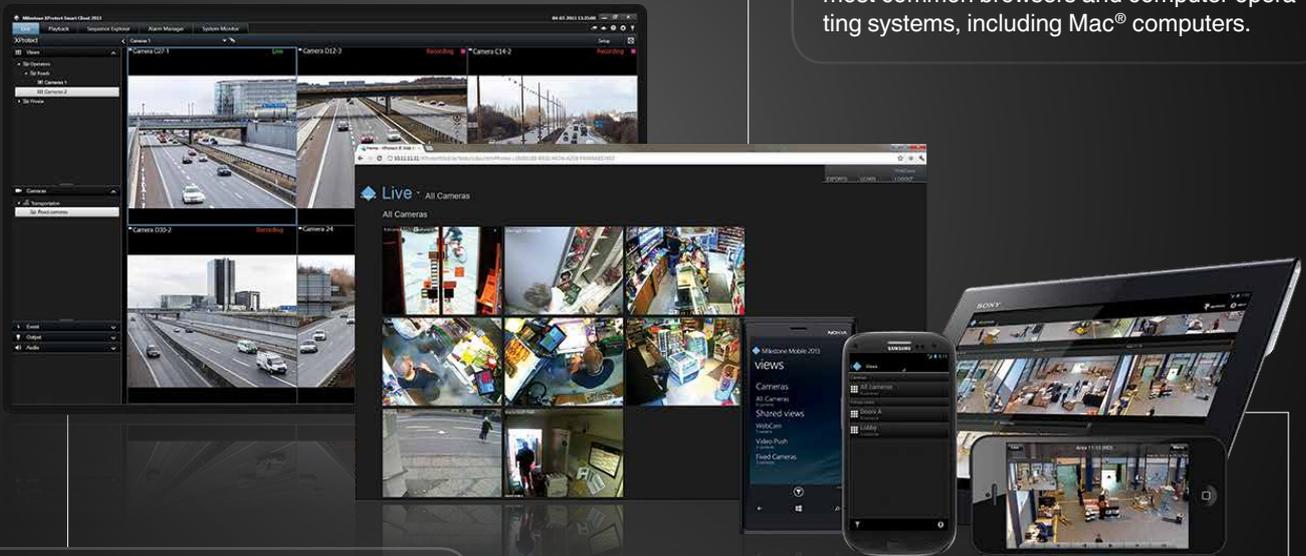
# XProtect clients

Users have a choice of three flexible clients to view each XProtect VMS product<sup>1</sup>: XProtect Smart Client, XProtect Web Client and Milestone Mobile. Available for free in 26 languages, the XProtect clients give users the ability to access video from any internet enabled computer and most mobile devices.

## XProtect® Web Client

### *Connect instantly from any computer*

XProtect Web Client is an intuitive, web-based interface that provides access to the most common VMS features and functions. Users can view, play back, export video and control outputs, such as opening and closing doors. It requires no training and can be used with the most common browsers and computer operating systems, including Mac® computers.



## XProtect® Smart Client

### *Ultimate control*

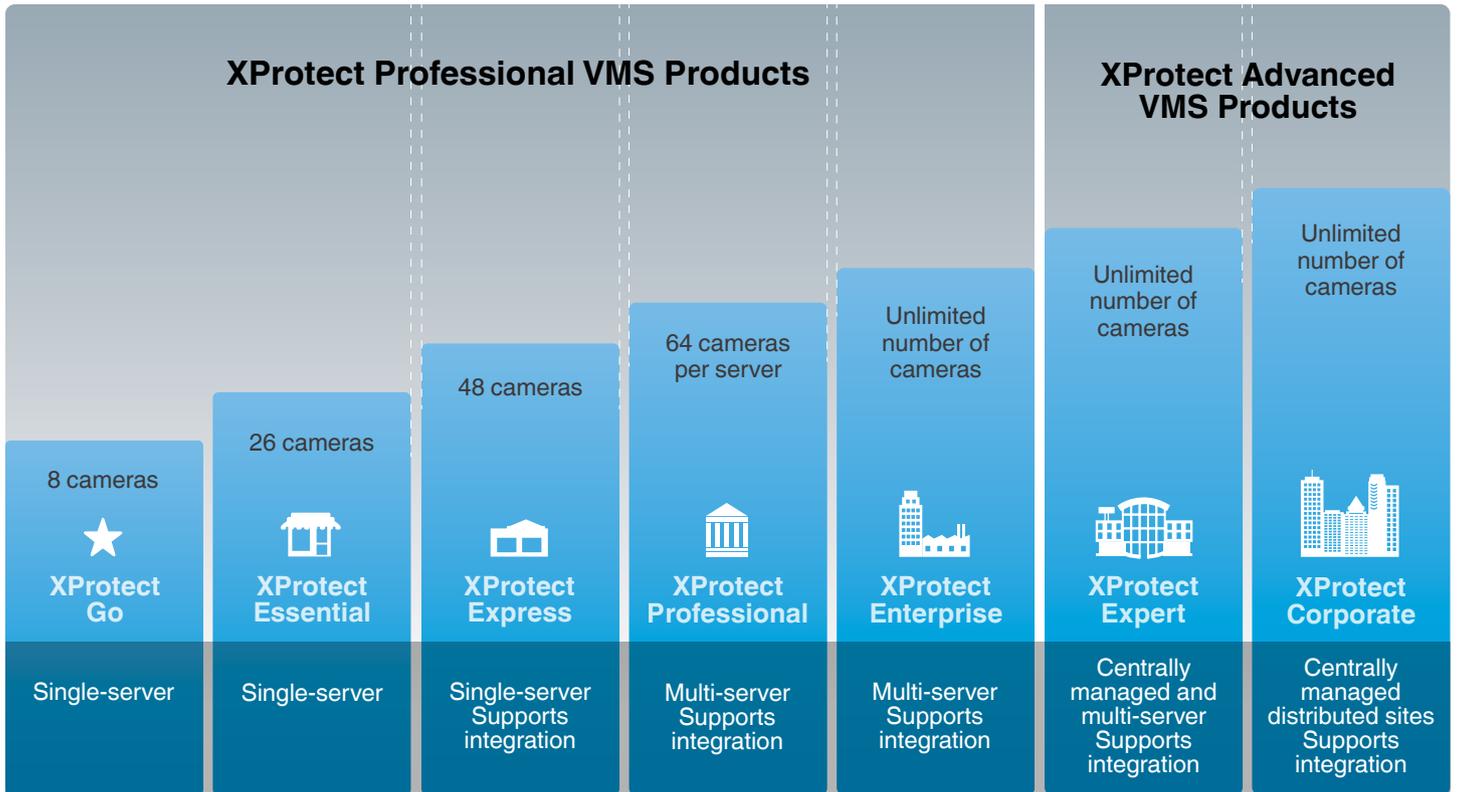
XProtect Smart Client is the interface used for daily operations; it displays a wide array of features to view video, gain situational awareness, respond to alarms, investigate incidents, and handle evidence. This flexible client can be optimized to handle a variety of tasks, operator skill levels and working environments. It has the ability to seamlessly support the integration of third-party applications such as building management and access control.

## Milestone Mobile

### *Keeping you close to what's important*

Users can view, play back and export video from almost anywhere with Milestone Mobile, an application for Apple®, Android™ and Windows® Phone 8 devices. Milestone Mobile allows users to control outputs and push live video from the device's camera using Video Push<sup>2</sup>. This feature enables users to easily share live video evidence, providing immediate awareness of incidents.

# XProtect products



## XProtect® Go



### IP video surveillance starts here

A free version of XProtect software designed for video surveillance in small businesses.

#### Key benefits:

- Allows users to experience the true benefits of IP video and the Milestone open platform for free
- Seamless upgrade options make it a risk-free entry into a reliable and secure IP video surveillance solution

## XProtect® Essential



### Brilliant simplicity for small businesses

An entry-level product that is ideal for small companies that require basic, yet effective VMS functionality.

#### Key features:

- Quick and easy installation for fast setup
- Effortlessly add cameras to scale any surveillance installation
- Intuitive user interfaces makes it easy to search for and export video sequences
- System alarms alert users to malfunctioning cameras and video storage

## XProtect® Express



### Increased functionality with video integrations

Cost-effective surveillance software for small businesses and retail shops that require integration with third-party systems.

In addition to the previously listed key features:

- Supports integration of business systems and video analytics directly into the software to create a solution with increased functionality and one common user interface
- Works with XProtect add-on products designed specifically for the retail market to link transaction data with video, helping to optimize retail operations
- Archive video recordings automatically to a network drive, saving storage space on the local server

## XProtect® Professional



### Interactive monitoring for mid-size installations

Perfect for mid-size companies and institutions that want a complete visual overview of their campus-style installation.

In addition to the previously listed key features:

- Interactive maps display camera locations, providing a consolidated overview of the security installation
- The Alarm Manager consolidates all alarms for immediate visual verification. A prioritized alarm list provides an overview of active alarms and their severity
- Communication is made easy with multichannel, two-way audio because operators can easily broadcast messages to many people at once or directly speak with people at gates or entrances

## XProtect® Enterprise



### Scalable surveillance for multiple locations

Suitable for medium and large installations that need easy system scalability.

In addition to the previously listed key features:

- Camera navigator helps the operator efficiently track moving objects across different cameras
- Archive on event allows the video archive process to be triggered based on a time schedule or an event
- Privacy masking enables parts of an image to be concealed in live, playback and exported video to prevent it from being viewed
- Dual streaming helps optimize hardware with two independent configurable video streams for live and recorded viewing to optimize servers and network infrastructure

## XProtect® Expert



### Powerful control for advanced surveillance

Ideal for medium and large installations that require central management.

In addition to the previously listed key features:

- Central management user interface controls all connected cameras, devices, storage and users
- A versatile rule engine makes it possible to automate different aspects of the system, based on events or time schedules, eliminating the need for manual control
- Edge Storage allows camera-integrated storage to act as a safeguard function in the event of network or server failure
- Bookmarks allow users to mark video sections and add descriptive notes to quickly sort through video evidence for later analysis or sharing with others

# XProtect® Corporate



## High performance for high security

Designed for large, high-risk installations distributed across multiple locations.

In addition to the previously listed key features:

- Milestone Interconnect™ provides cost-efficient central surveillance across geographically dispersed sites by connecting XProtect Corporate with multiple XProtect VMS, Milestone Husky or Milestone Arcus installations to create one powerful security solution
- Federate and centrally manage independent XProtect Corporate and XProtect Expert sites for efficient administration of multi-site, multi-organization installations with Milestone Federated Architecture™
- High-availability video failover for video viewing and recording capabilities with minimal interruption and video loss in the event of system problems
- Secure video storage with video database encryption and digital signing on recorded video helps prevent internal tampering
- Multi-stage video storage mechanism with data grooming possibilities provides efficient long term storage

## XProtect® Smart Wall

XProtect Smart Wall is an advanced add-on video wall product for XProtect Corporate that provides an unparalleled situational overview of large surveillance centers, helping to improve response times. The operator can publish cameras easily on XProtect Smart Wall using intuitive drag-and-drop operations or automatically using the rules engine. Flexible presets make it possible to optimize the layout and content of XProtect Smart Wall for different operational situations. XProtect Smart Wall supports any number or combination of monitors and runs on standard servers and displays.



# Milestone Interconnect™

## Cost-efficient distributed surveillance

Milestone Interconnect<sup>3</sup> is a unique system concept that allows all XProtect VMS and Milestone Husky products, as well as the Milestone Arcus platform, to be connected with Milestone's premium software XProtect Corporate. Milestone Interconnect provides a flexible way to gain central surveillance operation across geographically dispersed sites. It combines cost-efficient remote Milestone VMS solutions with the advanced surveillance functions of XProtect Corporate in one cohesive and powerful security solution. The ability to detect incidents and remotely manage interconnected sites from one central system reduces operation costs and the need for on-site visits. Its intelligent video storage management makes optimal use of available

remote and central storage and network resources. Milestone Interconnect is ideal for any industry that has distributed surveillance where the operation of the remote sites is coordinated centrally. For example, using Milestone Interconnect, retail chain stores can choose the XProtect VMS that best fits their needs and budget and connect with headquarters. The central headquarters can access live and recorded video from each store, eliminating the need to physically retrieve video from the stores.

*\*Please note that XProtect Corporate, XProtect Expert, Milestone Arcus and the Milestone Husky series will only be compatible with Milestone Interconnect during late Fall of 2013. Please check the Milestone website for more information about when the Husky series will be available in specific regions.*

Key Features	XProtect Go	XProtect Essential	XProtect Express	XProtect Professional	XProtect Enterprise	XProtect Expert	XProtect Corporate
Number of cameras per server	8	26	48	64 <sup>(a)</sup>	Unlimited <sup>(a)</sup>	Unlimited	Unlimited
Number of supported servers	1	1	1	Unlimited <sup>(b)</sup>	Unlimited	Unlimited	Unlimited
Maximum number of users	1	5	5	Unlimited	Unlimited	Unlimited	Unlimited
Support for Milestone Mobile	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Support for XProtect Web Client	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multiple video export formats		Yes	Yes	Yes	Yes	Yes	Yes
Alarm Manager		Yes <sup>(c)</sup>	Yes <sup>(c)</sup>	Yes	Yes	Yes	Yes
Smart Search		Yes	Yes	Yes	Yes	Yes	Yes
Archiving to network storage			Yes	Yes	Yes	Yes	Yes
Third-party application integration <sup>(d)</sup>			Yes	Yes	Yes	Yes	Yes
Support for video analytics <sup>(d)</sup>			Yes	Yes	Yes	Yes	Yes
Scalable multi-server solution				Yes	Yes	Yes	Yes
Map function				Yes	Yes	Yes	Yes
Microsoft Active Directory support				Yes	Yes	Yes	Yes
Centralized management						Yes	Yes
Flexible event rule engine						Yes	Yes
Edge Storage						Yes	Yes
Failover Recording Servers							Yes
Support for XProtect Smart Wall							Yes
Milestone Federated Architecture						Supported	Management and supported
Milestone Interconnect		Supported	Supported	Supported	Supported	Supported <sup>(e)</sup>	Management and supported <sup>(e)</sup>
Customer Dashboard		Supported	Supported	Supported	Supported		

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

(b) One Master Recording Server is included in the XProtect Professional Base License and that licenses must be purchased for additional Slave Recording Servers

(c) Not full alarm management functionality

(d) Using Milestone Integration Platform (MIP)

## Notes

<sup>1</sup>Functionality of the clients is determined by the specific XProtect product or product versions.

<sup>2</sup>An additional camera license is required for each user of Video Push. The price of the camera license is determined by the user's XProtect VMS product.

<sup>3</sup>The use of Milestone Interconnect is subject to separate licensing in the central XProtect Corporate system.

## Product compatibility

XProtect Web Client is compatible with the following operating systems: Microsoft Windows®, Linux and OS X® and the following web browser versions and later: Microsoft Internet Explorer® 9, Safari® 5, Google Chrome™ 16 and Mozilla® Firefox® 11. Milestone Mobile supports devices running Android™ 2.2 and higher, iOS6 and later or Windows® Phone 8 or higher. XProtect Web Client and Milestone Mobile work with all XProtect VMS versions and later: XProtect Corporate 4, XProtect Expert

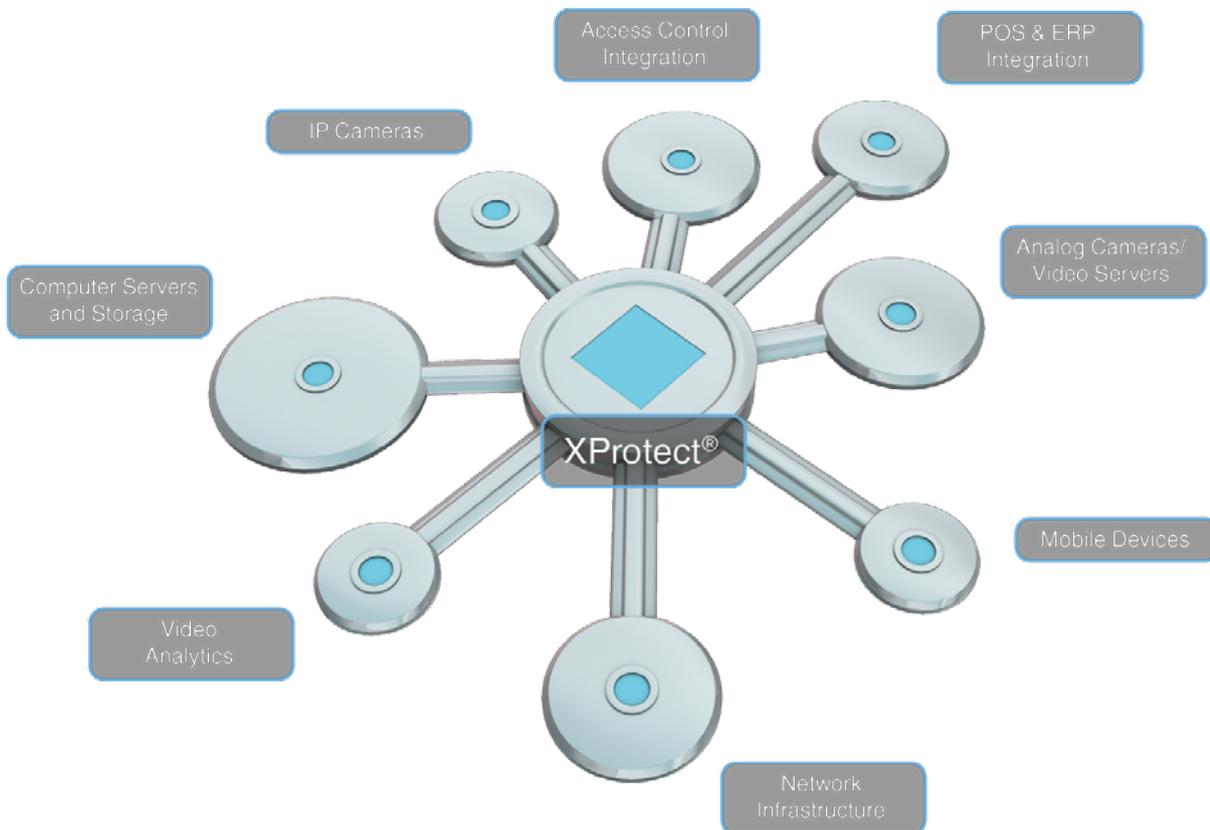
2013, XProtect Enterprise 8, XProtect Professional 8, XProtect Express 1, XProtect NVR 1, XProtect Essential 2 and XProtect Go 2. XProtect Smart Wall integrates with XProtect Corporate. Milestone Interconnect requires XProtect Corporate 2013 as the central system and can be connected with the following XProtect VMS product versions and later: XProtect Enterprise 8, XProtect Essential 2, XProtect Professional 8, XProtect Express 1, XProtect NVR 1 and XProtect Essential 2.

# The Milestone Open Platform

## A foundation for long-term success

Milestone's XProtect open platform video management software (VMS) integrates with the industry's widest choice in cameras, giving you the freedom to choose equipment according to your needs and budget. Committed to providing a true IP video open platform and freedom of choice, Milestone is proud to be among the first VMS vendors to support and lead the future progress of ONVIF and PSIA standards.

Integrate applications and systems into XProtect VMS with the Milestone Integration Platform Software Development Kit (MIP SDK). The open architecture of XProtect, together with the MIP SDK, allows for endless possibilities to add features and functionality for creating powerful, custom surveillance solutions.



Milestone Systems HQ, DK  
Tel: +45 88 300 300

Milestone Systems US  
Tel: +1 503 350 1100

Milestone has more than 15 offices around the world. For a complete list, visit [www.milestonesys.com](http://www.milestonesys.com)

General inquiries:  
[info@milestonesys.com](mailto:info@milestonesys.com)  
Sales inquiries:  
[sales@milestonesys.com](mailto:sales@milestonesys.com)

Active Directory and Microsoft are registered trademarks of Microsoft Corporation in the United States and other countries. Android is a trademark of Google Inc. Apple and Mac are registered trademarks of Apple Inc., registered in the U.S. and other countries.

XProtect is a registered trademark of Milestone Systems. © 2014 Milestone Systems. All rights reserved.



## About Milestone Systems

Founded in 1998, Milestone Systems is the global industry leader in open platform IP video management software. The XProtect platform delivers powerful surveillance that is easy to manage, reliable and proven in thousands of customer installations around the world. With support for the widest choice in network hardware and integration with other systems, XProtect provides best-in-class solutions to video enable organizations – managing risks, protecting people and assets, optimizing processes and reducing costs. Milestone software is sold through authorized and certified partners. For more information, visit: [www.milestonesys.com](http://www.milestonesys.com)