



# Everything you need for 24/7 mission-critical operations

## Product highlights

### Reliable high-performance surveillance software

Supports an unrestricted number of cameras, users and servers for **complete system scalability**

**Centralized single management interface** provides efficient system administration of all connected cameras and devices

Achieve **industry's best system performance** and lower system costs with hardware accelerated video motion detection that shifts video decoding from the CPU to the GPU

Powerful, high performing software built on a native 64-bit Windows service supporting minimum **3.1 Gbit/s recording rate**

### Supreme situational awareness

A comprehensive overview of camera locations and layouts of the entire surveillance installation **allows for quick detection of trouble areas**

The sophisticated Alarm Manager provides a consolidated overview of security and system alarms for **immediate visual verification**

Advanced **video wall solution** included that enables control room operators to share a wide range of information, including live and recorded video, images, maps, alarms, bookmarks and text messages, to better coordinate response activities

### A secure solution you can trust

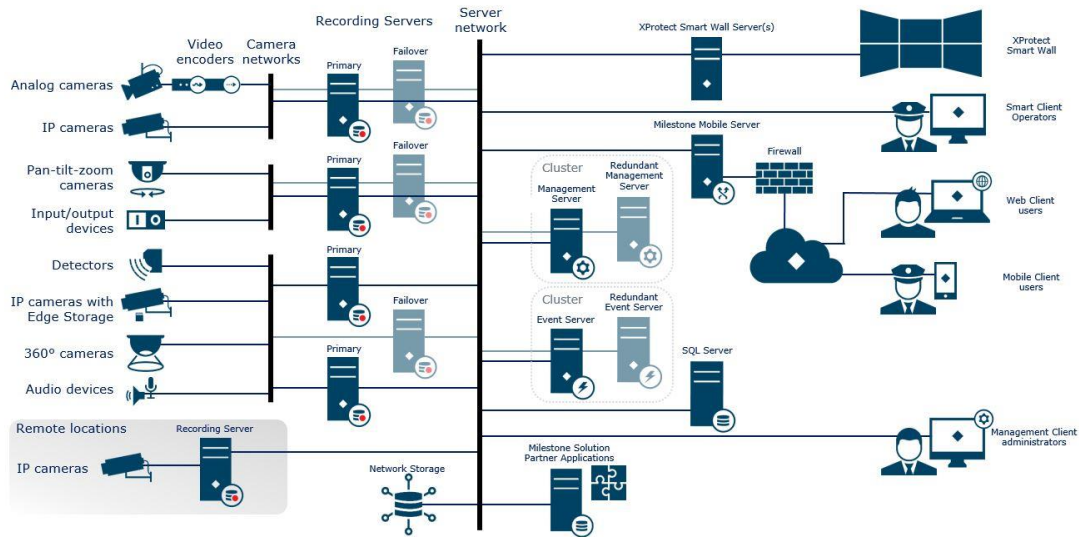
The system architecture provides a series of **video integrity mechanisms** that enables users to maintain full end-to-end security and integrity of recorded video data

To add **an additional security layer when using XProtect® Web Client and Milestone Mobile** via untrusted networks, like the Internet, administrators can configure user authentication to use a two-step verification process

All recorded data can be encrypted with the latest cyber security standard AES 256 and signed with SHA-2 to **ensure the mediadatabase is not tampered with**

SKU	Description
XPCOBT	XProtect Expert base license
XPCOCL	XProtect Expert device license
YXPCOBT	1-year Care Plus for base license
YXPCODL	1-year Care Plus for device license

## System diagram



### RECORDING SERVER / FAILOVER RECORDING SERVER

Powerful, high performing software built on a native 64-bit Windows service supporting minimum 3.1 Gbit/s recording rate.

Records and stores video, audio and metadata, and provides operators and other users access to live and recorded data.

Enables fast discovery of more than 6,000 IP cameras, IP video encoders and digital video recorder (DVR) models from close to 150 different manufacturers.

Complete system scalability because an unrestricted number of recording servers can be added to one system. High-availability function where failover recording servers act as a backup to primary recording servers.

### MANAGEMENT SERVER

The management server is the central component of the VMS and is responsible for handling the system configuration, distributing configuration to other system components, such as recording servers, and for facilitating user authentication.

User authentication and user rights management with support for basic users, local Windows users or via Windows® Active Directory.

Maintains an array of system and audit logs. May be clustered for high-availability deployments.

### MANAGEMENT CLIENT

Single-point system administration interface for centralized management of all system configuration aspects.

### EVENT SERVER

Provides advanced multi-layered map giving operators interactive access and control of the complete surveillance system.

Hosts the alarm function that provide a consolidated and clear overview of security and system-related alarms.

Hosts possible Milestone Integration Platform Software Development Kit (MIP SDK) solution plug-ins. May be clustered for high-availability deployments.

### XPROTECT SMART WALL

Add-on option that offers flexible and hardware independent video wall support.

## Specifications

General	Detail
Type of deployment	Multi-site, distributed
Licensing	Perpetual
Maximum number of cameras	Unrestricted
Maximum number of recording servers	Unrestricted
Maximum number of concurrent users	Unrestricted
Centralized Management	Yes
Failover recording servers	Yes
Customer Dashboard	Yes
Hardware accelerated VMD	Yes
Multiple video export formats	Yes
Supports all XProtect clients	Yes
Alarm Manager	Yes
Map function	Yes
Smart Map	Yes
Edge Storage	Yes
Metadata	Yes
Flexible event rule wizard	Yes
Pre-recording buffer in RAM	Yes
Push notification	Yes
Evidence Lock	Yes
XProtect Smart Client profiles	Unrestricted
Management Client profiles	Yes
Time scheduled controlled user access	Yes
Scalable Video Quality Recording™	Yes

Scalability	Detail
Milestone Federated Architecture	Central/remote site
Milestone Interconnect	Central/remote site
Microsoft Active Directory	Yes
XProtect Smart Wall	Included
Supports third-party system integration	Yes
Supports XProtect Add-on products	Yes
Move hardware function	Yes
Two-step verification	Yes
Kerberos authentication	Yes
Secure HTTPS camera connectivity	Yes
Digital signature on video exports	Yes
Disablement of re-exporting	Yes
Restrict user access per client	Yes
Tiered management rights	Yes
Dual authentication	Yes
AES 256 encryption	Yes
SHA-2 signing	Yes

For detailed specifications, please visit [milestonesys.com](http://milestonesys.com)