



Designed for **powerful live monitoring** of larger installations

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**

Real-time situational overview

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**

Flag video sequences of particular interest and add descriptive notes, enabling users to easily share information and **increase efficiency in investigating incidents**

A secure solution you can trust

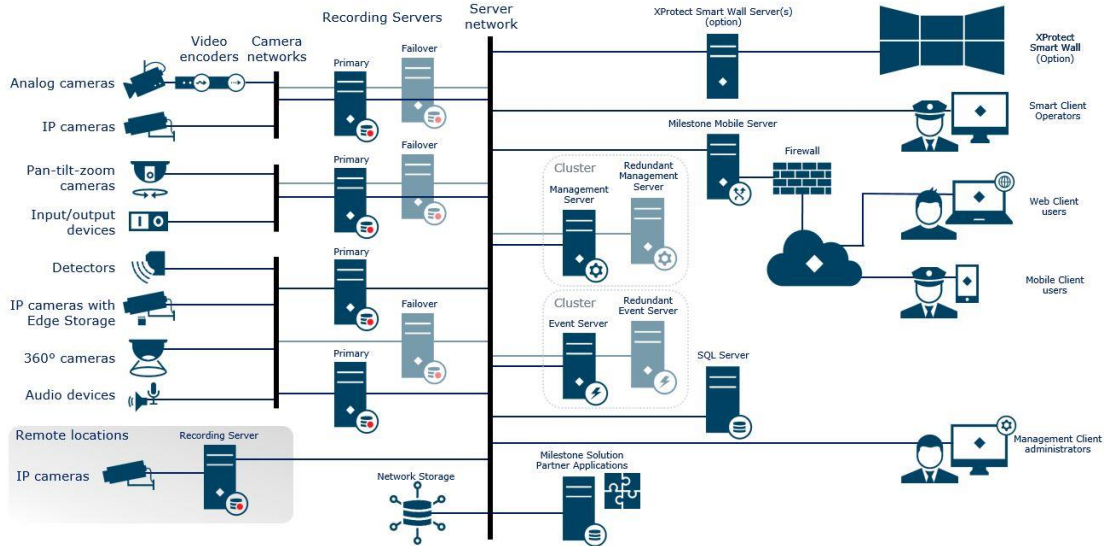
The system architecture provides a series of **video integrity mechanisms** that enables users to maintain full end-to-end security and integrity of recorded video data.

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

To **prevent unauthorized persons from accessing the video**, XProtect Expert supports HTTPS, ensuring all communication between server and supported cameras are encrypted with HTTPS

| SKU | Description |
|---------|-------------------------------------|
| XPETBL | XProtect Expert base license |
| XPETDL | XProtect Expert device license |
| YXPETBL | 1-year Care Plus for base license |
| YXPETDL | 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 |
| 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 |
| XProtect Smart Client profiles | Three |
| Scalable Video Quality Recording™ | Yes |

| Scalability | Detail |
|---|-------------|
| Milestone Federated Architecture | Remote site |
| Milestone Interconnect | Remote site |
| Microsoft Active Directory | Yes |
| XProtect Smart Wall | Optional |
| Supports third-party system integration | Yes |
| Supports XProtect Add-on products | Yes |
| Move hardware function | Yes |
| Cyber security | Detail |
| 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 |
| Dual authentication | Yes |
| AES 256 encryption | Yes |
| SHA-2 signing | Yes |

For detailed specifications, please visit milestonesys.com