What's New Brief

XProtect® Expert 2016 R2

XProtect Expert is advanced open platform IP video management software (VMS) for medium and large installations. Its powerful central management helps simplify the installation and daily operation of larger systems with multiple recording servers. XProtect Expert offers reliable video access through failover recording servers, and uninterrupted video recording when complemented with camera associated edge storage. Using scheduled and event- driven rules, it is easy to automate security actions and control external systems, reducing the amount of manual tasks. Three unique viewing clients provide seamless access to live and recorded video for different personnel responsibilities. With multi-layered maps, alarm handling and the option of adding XProtect® Smart Wall, XProtect Expert is ideal for installations with active situational live monitoring.

XProtect® Expert 2016 R2 in short

Introducing failover recording server support in the 2016 R2 release of XProtect Expert, Milestone significantly strengthens its XProtect VMS offering in the mid-market. Failover recording servers, which until now only have been available in Milestones top-range product, XProtect Corporate, minimizes the risk of losing live video access and the ability to record video in the event of a recording server failure. Reliable video recording is essential for customers operating in high risk areas, where the frequency and consequences of a potential incidents are high.

The XProtect Expert 2016 R2 release also includes a major extension of the system configuration interface, available via the Milestone Integration Platform SDK, which further supports the open platform community.

XProtect Expert 2016 R2 is shipped together with the updated version of XProtect Smart Client, XProtect Web Client and Milestone Mobile, and is compatible with the 2016 R2 version of XProtect Smart Wall.

New key features in XProtect Expert 2016 R2

Failover recording servers - reliable video recording

Failover recording servers maintains video viewing and recording capabilities with minimal interruption in the event of network problems, server failure, loss of power or any other system problems. Thanks to seamless switchover and video database synchronization, system failovers are transparent to operators and no manual action is needed.

XProtect Expert 2016 R2 offers two levels of failover:

Cold standby
- Operates with failover groups, where one, or more, failover recording servers can act as a backup to one, or more, primary recording servers
- System configuration is loaded upon failover and it's possible to define individual failover policies per device

- Cold standby failover offers a somewhat slower failover, but a more cost efficient setup

Hot standby
- Operates with one-to-one recording server pairs, where one primary recording server is mated with one failover server
- System configuration is preloaded and it's possible to define individual failover policies per device
- Hot standby failover offers fast failover, with minimal interruption in the viewing and recording capabilities.

Extended system configuration API

XProtect Expert 2016 R2 introduces major extensions of the system configuration interface, available via the Milestone Integration Platform SDK. The system configuration interface enables external business systems and applications to make configuration changes to the XProtect Corporate VMS system. This further extends the possibilities for solution partners, video service providers and end customers, to develop either integrated or dedicated configuration and management applications to optimized the configuration of the underlying XProtect Corporate VMS system.

The system configuration interface has been extended in the following areas:

Camera management
- Auto detection of camera model
- IP address management, and change of camera credentials
- Re-fresh of all configuration settings
- Configuration of motion detection
- Setting of privacy mask
- Move device between recording servers (load adjustment)

Role and user administration
- Role and user definition
- Rights management to cameras and functions

Storage management
- Define storage size and retention time
- Read size of used storage

Viewing interfaces

XProtect Expert 2016 R2 is shipped with new versions of all viewing interfaces:
- XProtect Smart Client 2016 R2
- XProtect Web Client 2016 R2
- Milestone Mobile 2016 R2

XProtect Smart Wall 2016 R2 can optionally be added to XProtect Expert 2016 R2 (subject to separate license).

Localization

Please refer to: http://www.milestonesys.com/support/supported-languages/

System requirements
For details on system and operating system requirements, please refer to:
https://www.milestonesys.com/support/product-system-requirements/

Product licensing
The 2016 R2 edition of XProtect Expert is licensed with a new license series, which means that licenses for existing XProtect Expert installations must be upgraded or traded-in to be able to install and run the 2016 R2 version of the XProtect Expert software. There are no changes to the licensing structure of XProtect Expert 2016 R2, compared to earlier versions.

Product Availability
XProtect Expert 2016 R2 and associated XProtect clients are generally available per **June 1, 2016**.