

## What's new brief – XProtect Expert 2017 R2

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XProtect Expert is IP video management software (VMS) for mid-sized and large-scale installations. It is built with innovative technology designed to ensure video integrity and boost the overall performance of your hardware. In addition to camera-based Edge Storage support, XProtect Expert offers reliable, uninterrupted video recording and access through failover recording servers in the event of server failure. The software includes central management of an unrestricted number of servers, cameras and users making it the perfect choice for companies deployed across multiple locations. With multi-layered maps, alarm handling and optional integrated video wall support, XProtect Expert is also ideal for installations with active live monitoring such as warehouses and stadiums.



### WHAT'S NEW IN XPROTECT EXPERT 2017 R2

#### **Increased cybersecurity with encryption and signing**

Important for high-risk installations with cybersecurity concerns, the recording server database uses AES256 for encryption and SHA-2 for digital signing. Encryption ensures that no one can access and read the content of the media database in an unauthorized way. Signing is another security measure that makes it possible to verify if the media database content is intact or has been tampered with.

#### **Cost-efficient, long-term video storage**

Optional video data grooming reduces the video recording data size by reducing the frame rate of the video data, helping save space and storage when archiving video.

#### **Secure multi-stage storage**

Unique data storage solution that combines superior performance and scalability with video data grooming for cost-efficient, long-term video storage. This saves storage space and reduces the bandwidth needed for the recording server when archiving video data.

#### **Quick video evidence rule-based bookmarks**

The system can create bookmarks on certain events, so the user can quickly find the events and the associated recordings when doing investigations.

#### **Play audio files on rule for additional security**

Audio plays on selected speakers attached to cameras, based on events or schedules, making it possible to automate announcements over speakers. Customers can select and upload their own audio clips, giving them complete control of what plays over the speakers.

#### **Audio support for Edge Storage**

When using Edge Storage, retrieval of video recordings now also include support for retrieving audio recordings, giving users a more seamless experience. It is possible to retrieve audio edge recordings automatically after system failures using XProtect Smart Client or via rules. Available for supported cameras pending driver support, expected in device pack in Q3, 2017.

## WHAT'S NEW IN XPROTECT WEB CLIENT 2017 R2

### PTZ gestures for greater control

The XProtect Web Client now supports PTZ mouse gestures for easy navigation of PTZ cameras.

## WHAT'S NEW IN MIP SDK 2017 R2

### XProtect Smart Wall support

The latest release of the Milestone Integration Platform Software Development Kit (MIP SDK) includes several important improvements to Smart Wall support:

- Support for browsing view layouts, walls, monitors and presets through both MIP item hierarchy and the configuration API
- Support for controlling XProtect Smart Wall video wall content through both MIP messaging and the configuration API. This includes changing the layout, inserting and removing cameras and inserting other types of view items
- Smart Walls, presets and monitors can be added, removed and configured through the configuration API
- Support for changes being done to video walls, which means partners can use their own video wall that is controlled by the user interface, rules and the XProtect VMS SDK.

Visit our [website](#) or [eLearning portal](#) for more information on the new products and general training on XProtect VMS products.

### XProtect Clients

XProtect Expert 2017 R2 ships with new versions of all viewing clients:

- XProtect® Smart Client 2017 R2
- XProtect® Web Client 2017 R2
- Milestone Mobile 2017 R2

### Localization

The XProtect Management Client is available in 14 different localized versions.

The XProtect clients are available in 30 different localized versions.

Please refer to: <http://www.milestonesys.com/support/supported-languages/> for a complete list of supported languages.

### Additional information

Please refer to the comparison chart and the technical release notes available on June 8, 2017 for further details on key features in the product.

### System requirements

Please refer to: <http://www.milestonesys.com/SystemRequirements>

### Product availability

XProtect Expert 2017 R2 is generally available on **June 8, 2017**.