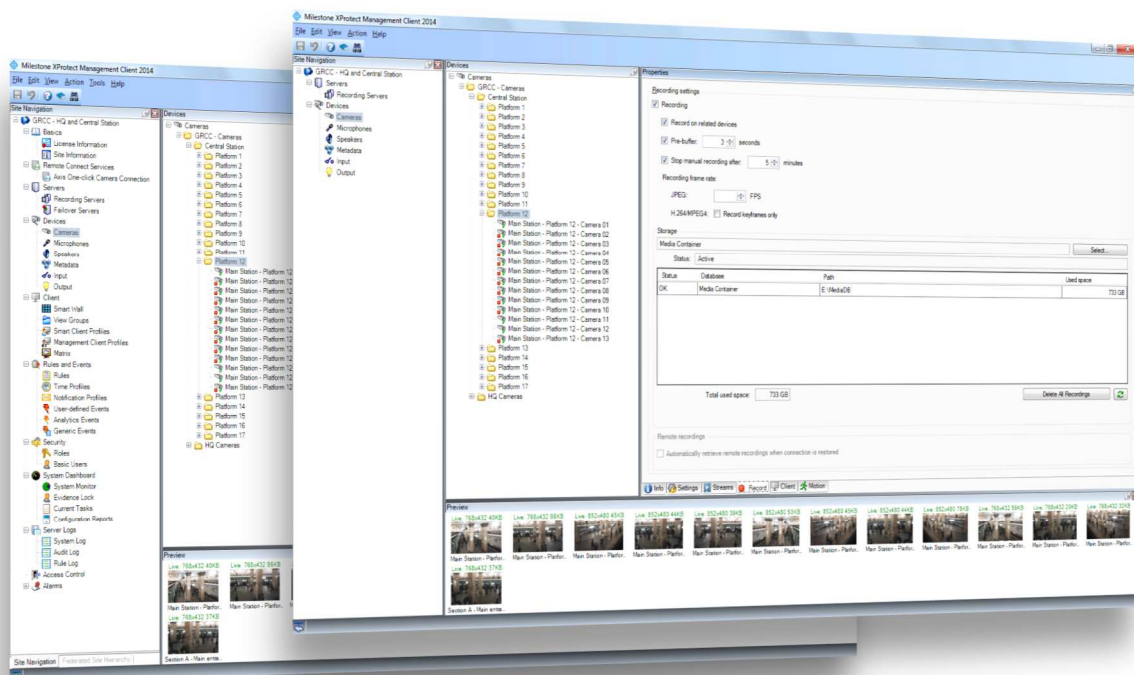milestone
The Open Platform Company

May 21, 2014

It is with great pleasure that we announce the release of:

XProtect® Corporate 2014

XProtect Corporate is powerful IP video management software (VMS) designed for large-scale and high-security deployments. Its single management interface enables the efficient administration of the system including all cameras and security devices regardless of its size or if it is distributed across multiple sites. For systems demanding supreme situational awareness and precise response to incidents, XProtect Corporate features interactive maps linked to alarms and includes XProtect® Smart Wall. XProtect Corporate provides the ultimate system reliability for high-security installations. Edge Storage support combined with failover recording servers and redundant management servers ensure video recording is never interrupted.

New key features in XProtect Corporate 2014

- **XProtect Smart Wall included with XProtect Corporate 2014**
  Customers can use the advanced Milestone video wall solution without additional licensing costs.

- **Metadata – Extends the open platform**
  With XProtect Corporate 2014, Milestone introduces a generic framework to handle and store video-related metadata. Metadata can be transferred from cameras and other metadata sources and stored together with video in the recording databases. The metadata is made available to XProtect® Smart Client or other external systems through the Milestone Integration Platform Software Development Kit (MIP SDK) 2014, together with live and playback video streams.

  Motion metadata
  Motion metadata is generated by internal video motion detection within the XProtect

VMS system. An enhanced version of Smart Search uses motion metadata for a rapid and accurate search of video sequences with motion in specific areas of the camera view.

Metadata from camera-resided video analytics
Milestone works closely with the leading camera manufacturers to provide a generic ONVIF compliant framework for transparent handling of metadata generated by edge-based video analytics in cameras. XProtect Corporate 2014 and XProtect Smart Client 2014 support metadata from a number of camera manufacturers, where identified objects can be highlighted by bounding boxes in XProtect, both in live viewing and playback.
Please refer to the Milestone website (http://www.milestonesys.com/Supported-hardware-XProtect-Corporate) for details on devices that are compatible with the metadata framework.

GPS metadata for positioning solutions
GPS metadata provided with Video Push streams from users on the move using Milestone Mobile 2014.

- **Evidence Lock**
  Evidence Lock secures the availability of video recordings for investigations. It allows XProtect Smart Client users to extend the retention time for video evidence from selected cameras in a defined time interval by overriding normal video retention and grooming policies. This tool is ideal for surveillance installations that manage a high number of incidents and investigations. The use of Evidence Lock is subject to user right permissions with the ability to centrally control available retention time options

- **Customizable management user interface**
  An adaptable management interface makes it possible to toggle the availability of functions in the Management Client to customize it for different categories of system administrators, reducing the need for training

- **Advanced rights management**
  XProtect Corporate 2014 supports tiered management rights in the Management Client, which makes it possible to assign partial management permissions to system administrators. The function is vital for any large installation with several administrators - each with their own dedicated tasks, areas of responsibility and where system security is a priority

- **Dual authorization**
  Dual authorization offers an additional level of system security for customers operating high-security installations, because users are granted access to the system only when a second user or supervisor has confirmed the login with a successful authorization by the second user. Dual authorization applies to users logging on via XProtect Smart Client or Management Client, but not XProtect® Web Client or Milestone Mobile. If a user belonging to a user role requiring dual authorization tries to access the system via XProtect Web Client or Milestone Mobile, the user will not be granted access

- **Automatic adjustable motion detection sensitivity**
  Automatic sensitivity control for recording server-based motion detection adjusts sensitivity levels to optimize the motion detection algorithm according to the background noise level in the video stream. The feature significantly enhances the accuracy of motion detection analysis in environments with changing light conditions, while eliminating the need for manual adjustment

- **System configuration interface**
  XProtect Corporate 2014 introduces a system configuration interface, as a part of the MIP SDK 2014, which opens a new dimension of system integration allowing external systems to make changes to the system's configuration. This unlocks a range of new possibilities for Milestone Solution Partners, video service providers and end customers, because they can manage all major settings related to camera configuration in the video system from external business systems and applications. For further information please refer to the MIP SDK 2014 release note.

Additional new features in XProtect Corporate 2014
XProtect Corporate 2014 offers an array of smaller enhancements, including:

- Flexible control of recording characteristics for MPEG4/H.264 streams, making it possible to toggle between recording key frames only, or the full stream

- A new feature makes it easy to control recording of devices related to cameras. Using the new feature, recording of, for example, camera-related audio or metadata devices can be controlled by the same rule as controlling the video recording. This eliminates the need for defining multiple rules controlling the recording behavior of different devices related to a camera device

- A new storage event makes it possible to detect deviation from defined storage policies in situations where video data is overwritten prematurely due to insufficient physical storage

- To improve the overall system performance the event log has been removed in 2014. If critical events need to be logged this can be done using the rule log

- Optimized license handling provides a better overview of purchased and used licenses, including:

  - License overview including XProtect® add-on products, Software Upgrade Plan (SUP) coverage and renewal date for SUP
  - License owner information is synchronized with the software registration page on the Milestone website
  - Expanded license information for multi-site (Milestone Federated Architecture™) installations where both the total used licenses for the common software license code (SLC) is presented as well as the license use in the specific system
  - Federated site license overview presents the license use of all the individual sites running on the same SLC

- Manual recording has been enabled in XProtect Smart Client 2014 when used together with XProtect Corporate 2014 systems. In addition to the basic functionality available when used together with the XProtect Professional VMS Products and the Millstone Husky™ NVRs, XProtect Corporate 2014 allows manually initiated recordings to be manually stopped again, as well as the possibility to define a maximum recording time. In addition to this the status of manual recording for a given camera is held centrally and propagated to all connected XProtect Smart Clients

- With the addition of Korean, XProtect Corporate 2014 is available in 12 languages

XProtect Corporate 2014 licensing
XProtect Corporate 2014 is issued with a new license code series which requires users of earlier versions of XProtect Corporate to do a license upgrade or trade-in to be able to get access to the new functionality.

XProtect Corporate 2014 base license (XPCOBT) now includes the license for XProtect Smart Wall. Customers upgrading from XProtect Corporate 2013 to XProtect Corporate 2014 will automatically get access to XProtect Smart Wall. The SUP options on XProtect Corporate 2014 base license includes SUP coverage of XProtect Smart Wall.

The principle for licensing cameras and other devices connected to XProtect Corporate 2014 has changed to be based on actual physical hardware devices connected to the system. The new hardware device license in XProtect Corporate 2014 permits the connection of one hardware device to the system, regardless of the connected device's capabilities and number of supported video sources.

This, for example, means that a multi-channel video encoder now only requires one hardware device license when connected to an XProtect Corporate 2014 system, whereas one device license per used channel in the encoder was required in earlier versions of XProtect Corporate.

This change also implies that cameras and other hardware devices connected to multiple recording servers in the same system, or to multiple sites (with the same SLC), only requires one hardware device license in XProtect Corporate 2014.

XProtect Corporate 2013 R2 and earlier versions will continue to use the former licensing method.

XProtect Corporate system requirements
For details on system and operating system requirements, please refer to:
http://www.milestonesys.com/SystemRequirements.

Please note that XProtect Corporate 2014 is only available in a 64-bit version and requires a 64-bit Windows operating system.

Advance notification
XProtect Corporate 2014 will be the last version supporting the connection of XProtect® Enterprise recording servers as slave servers. Milestone instead recommends the use of Milestone Interconnect™ as better and more robust method of connecting XProtect Enterprise, and other Milestone video surveillance solutions to XProtect Corporate.

Supported languages
For details on supported languages, please refer to:
http://www.milestonesys.com/SupportedLanguages.

If you would like to learn more about Milestone and our XProtect products please visit:
http://www.milestonesys.com/.

Best regards,

The Milestone Team