



May 21, 2013

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

## XProtect Corporate 2013 – High performance for high security

XProtect Corporate is powerful IP video management software (VMS) designed for large-scale, high-risk security deployments. Its single management interface enables efficient management of the system and all connected cameras and security devices, regardless of the system size or if it is distributed across multiple sites. For systems demanding supreme situational awareness and precise response to incidents, XProtect Corporate has interactive maps linked to alarms and built-in support for Milestone's video wall solution, XProtect Smart Wall.



### What's new in XProtect Corporate 2013?

Milestone XProtect Corporate 2013 is the latest version of Milestone's advanced open platform IP video management software for high security installations in geographically dispersed surveillance installations using Milestone Interconnect™ and Milestone Federated Architecture™. Its new hot standby recording server failover handling provides advanced, large-scale, high-security users with minimal interruption of video viewing and recording capabilities in the event of system or network failures.

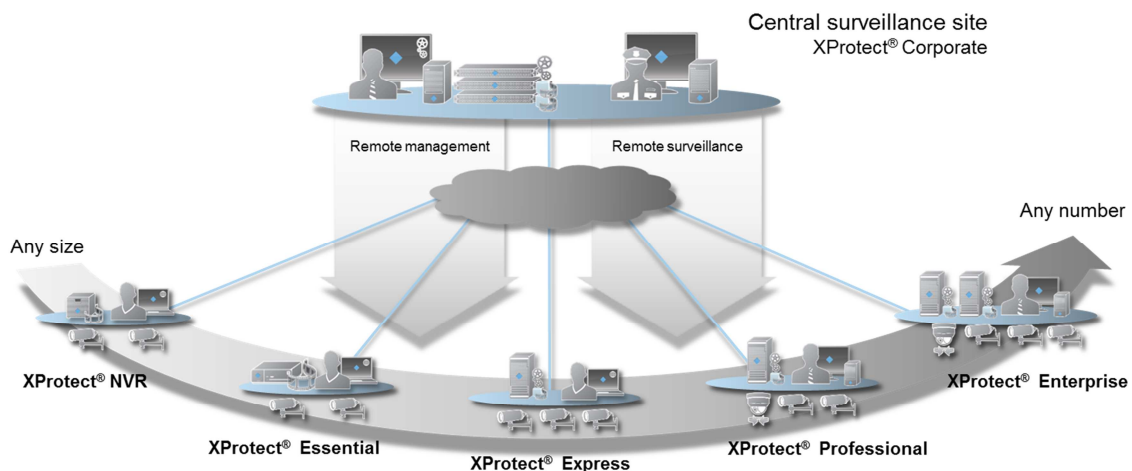
### High system availability

- New hot standby recording server handling function maintains video viewing and recording capabilities with minimal interruption in the event of server failure, loss of power or any other system problems. Thanks to seamless switchover and video database synchronization, system failovers are almost completely transparent to operators and no manual action is needed
- Significantly improved fail over performance for normal cold-standby recording server failover configurations.



## Milestone Interconnect™

- Milestone Interconnect is a unique system concept that allows most Milestone VMS products to be interconnected with Milestone's premium software XProtect Corporate. It provides an easy and flexible way to gain central surveillance operation across geographically dispersed sites
- Milestone Interconnect combines cost-efficient remote Milestone VMS solutions with the advanced surveillance functions of XProtect Corporate in one cohesive and powerful security solution
- The ability to detect system problems and remotely manage interconnected sites from one central system reduces operation costs and the need for on-site visits. Its intelligent video storage management makes optimal use of available remote and central storage, and network resources
- Milestone Interconnect enables a wide array of vertical specific applications such as retail, city surveillance, critical infrastructure, public transportation, banking, monitoring stations and alarm centers and education



Milestone Interconnect is compatible with the following XProtect VMS products:

- XProtect® Enterprise 8, or later
- XProtect® Professional 8, or later
- XProtect® Express 1, or later
- XProtect® NVR 1, or later
- XProtect® Essential 2, or later

Please refer to Milestone's website ([www.milestonesys.com/milestoneinterconnect\\_compatibility](http://www.milestonesys.com/milestoneinterconnect_compatibility)) for the latest overview of products compatible with Milestone Interconnect.

### Simplified user administration in small installations or installations without an IT domain

- Added support for basic user accounts enables easy deployment of small XProtect Corporate systems without extensive Windows user administration knowledge

### Extended operating system support

- The XProtect Corporate management server and recording servers are now also compatible with the following Microsoft Windows operating environments: Windows Server 2012, Windows 7 Professional\*, Windows 7 Enterprise\* and Windows 7 Ultimate\*, Windows 8 Pro\* and Windows 8 Enterprise\*

\*) Only recommended in smaller installation with maximum 10 simultaneous client users



## Latest suite of XProtect® clients

- XProtect Corporate 2013 includes the new XProtect® Web Client 2013, which replaces the Remote Client. The XProtect Web Client provides an easy-to-use interface for remote and occasional users
- Milestone Mobile 2013 provides access for on-the-go users, where the Video Push feature turns the mobile device into an evidence collector for guards and other mobile users
- XProtect® Smart Client 2013 provides improved multi-screen handling, allowing operators to play back and use pan-tilt-zoom (PTZ) joystick controls actively across multiple floating windows

Please refer to the individual client release notes for details.

## MIPSDK 2013

- Automatic support for recording server failover where possible failovers and failbacks are fully transparent for all the components retrieving and displaying video and audio
- New stream & decoding sharing enables better CPU utilization for plugin in the Smart Client and for component integrations when using multiple streams from the same camera (via JPEG or Bitmap in live mode) – targeted for 360 de-warp and video enhancement plugins
- Documentation and sample for how to utilize the Mobile Server API – targeted for new mobile and web application connected over slower lines

## End of development of XProtect® Central

XProtect Corporate 2013, with its advanced situational awareness tools and the new Milestone Interconnect system concept, will substitute XProtect® Central which is Milestone's present offering for providing centralized surveillance and alarm monitoring across geographically dispersed systems. Therefore, Milestone today announces end of development of the XProtect Central product line, implying that no further enhancements of XProtect Central will be made.

Milestone is fully committed to support existing XProtect Central customers according to Milestone's standard product lifecycle policy: <http://www.milestonesys.com/Support/Additional-Resources/productlifecycle/>. With the introduction of XProtect Corporate 2013, XProtect Central will no longer be available for new purchase, and extension purchases will only be possible until July 1, 2013.

To make the migration to XProtect Corporate 2013 and a Milestone Interconnect-based architecture easier for existing XProtect Central users, trade-in possibilities have been introduced for XProtect Central.

## System requirements

The following are **minimum** requirements for the computers used:

### Computer running management server

Name	Description
<b>CPU</b>	Intel® Xeon®, minimum 2.0 GHz (Dual Core recommended)
<b>RAM</b>	Minimum 1 GB (2 GB or more recommended)
<b>Network</b>	Ethernet (1 Gbit recommended)
<b>Graphics Adapter</b>	Onboard GFX, AGP or PCI-Express, minimum 1024 x 768, 16-bit color
<b>Hard Disk Type</b>	E-IDE, PATA, SATA, SCSI, SAS (7200 RPM or faster)
<b>Hard Disk Space</b>	Minimum 50 GB free (depends on number of servers, cameras, rules, and logging settings)



<b>Operating System</b>	<ul style="list-style-type: none"> <li>▶ Microsoft® Windows® 8 Enterprise (32 bit or 64 bit) *</li> <li>▶ Microsoft Windows 8 Pro (32 bit or 64 bit) *</li> <li>▶ Microsoft Windows 7 Ultimate (32 bit or 64 bit) *</li> <li>▶ Microsoft Windows 7 Enterprise (32 bit or 64 bit) *</li> <li>▶ Microsoft Windows 7 Professional (32 bit or 64 bit) *</li> <li>▶ Microsoft Windows Server 2012 (64 bit): Standard and Datacenter.</li> <li>▶ Microsoft Windows Server 2008 R2 (64 bit): Standard, Web, High Performance Computing (HPC), Enterprise, and Datacenter.</li> <li>▶ Microsoft Windows Server 2008 (32 or 64 bit)</li> <li>▶ Microsoft Windows Server 2003 (32 or 64 bit)</li> </ul> <p>To run the management server in a clustered environment on Windows Server 2003/2008, you must use either the Enterprise or Data Center edition.</p> <p>* Only recommended in smaller installation with maximum 10 simultaneous client users</p>
<b>Software</b>	Microsoft® .NET 3.5 SP1 and .NET 4.0 and Internet Information Services (IIS) 5.1 or newer

## Computer running recording server or failover recording server

Name	Description
<b>CPU</b>	Dual Core Intel Xeon, minimum 2.0 GHz (Quad Core recommended)
<b>RAM</b>	Minimum 1 GB (2 GB or more recommended)
<b>Network</b>	Ethernet (1 Gbit recommended)
<b>Graphics Adapter</b>	Onboard GFX, AGP, or PCI-Express, minimum 1024 x 768, 16-bit color
<b>Hard Disk Type</b>	E-IDE, PATA, SATA, SCSI, SAS (7200 RPM or faster)
<b>Hard Disk Space</b>	Minimum 100 GB free (depends on number of cameras and recording settings)
<b>Operating System</b>	<ul style="list-style-type: none"> <li>▶ Microsoft® Windows® 8 Enterprise (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 8 Pro (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Ultimate (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Enterprise (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Professional (32 bit or 64 bit)</li> <li>▶ Microsoft Windows Server 2012 (64 bit): Standard and Datacenter.</li> <li>▶ Microsoft Windows Server 2008 R2 (64 bit): Standard, Web, High Performance Computing (HPC), Enterprise, and Datacenter.</li> <li>▶ Microsoft Windows Server 2008 (32 or 64 bit)</li> <li>▶ Microsoft Windows Vista® Business (32 or 64 bit)</li> <li>▶ Microsoft Windows Vista Enterprise (32 or 64 bit)</li> <li>▶ Microsoft Windows Vista Ultimate (32 or 64 bit)</li> <li>▶ Microsoft Windows Server 2003 (32 or 64 bit)</li> </ul>
<b>Software</b>	Microsoft® .NET 4.0 Framework.

## Computer running management client

Name	Description
<b>CPU</b>	Intel Core2TM™ Duo, minimum 2.0 GHz
<b>RAM</b>	Minimum 1 GB
<b>Network</b>	Ethernet (100 Mbit or higher recommended)
<b>Graphics Adapter</b>	AGP or PCI-Express, minimum 1024 x 768 (1280 x 1024 recommended), 16-bit color
<b>Hard Disk Space</b>	Minimum 100 MB free



<b>Operating System</b>	<ul style="list-style-type: none"> <li>▶ Microsoft® Windows® 8 Enterprise (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 8 Pro (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Pro (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Enterprise (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Ultimate (32 bit or 64 bit)</li> <li>▶ Microsoft Windows Vista® Ultimate (32 bit or 64 bit)</li> <li>▶ Microsoft Windows Vista Enterprise (32 bit or 64 bit)</li> <li>▶ Microsoft Windows Vista Business (32 bit or 64 bit)</li> <li>▶ Microsoft Windows Server 2012 (64 bit): Standard and Datacenter.</li> <li>▶ Microsoft Windows Server 2008 (32 bit or 64 bit)</li> <li>▶ Microsoft Windows Server 2008 R2 (64 bit): Standard, Web, High Performance Computing (HPC), Enterprise, and Datacenter.</li> <li>▶ Microsoft Windows Server 2003 (32 bit or 64 bit)</li> </ul>
<b>Software</b>	Microsoft® .NET 4.0 Framework, DirectX 9.0 or newer, and Windows Help (WinHlp32.exe) which can be downloaded from <a href="http://www.microsoft.com/downloads/">http:// www.microsoft.com/downloads/</a> .

## Computer running event server

Name	Description
<b>CPU</b>	Intel® Xeon® , minimum 2.0 GHz (Dual Core recommended)
<b>RAM</b>	Minimum 1 GB (2 GB or more recommended)
<b>Network</b>	Ethernet (1 Gbit recommended)
<b>Graphics Adapter</b>	Onboard GFX, AGP or PCI-Express, minimum 1024 x 768, 16-bit color
<b>Hard Disk Type</b>	E-IDE, PATA, SATA, SCSI, SAS (7200 RPM or faster)
<b>Hard Disk Space</b>	Minimum 10 GB free (depends on number of servers, cameras, rules, and logging settings)
<b>Operating System</b>	<ul style="list-style-type: none"> <li>▶ Microsoft® Windows® 8 Enterprise (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 8 Pro (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Professional (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Enterprise (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Ultimate (32 bit or 64 bit)</li> <li>▶ Microsoft Windows Server 2012 (64 bit): Standard and Datacenter.</li> <li>▶ Microsoft Windows Server 2008 R2 (64 bit): Standard, Web, High Performance Computing (HPC), Enterprise, and Datacenter.</li> <li>▶ Microsoft Windows Server 2008 (32 or 64 bit)</li> <li>▶ Microsoft Windows Server 2003 (32 or 64 bit)</li> </ul>
<b>Software</b>	Microsoft® .NET 4.0 and Internet Information Services (IIS) 5.1 or newer.

## Computer running log server

Name	Description
<b>CPU</b>	Intel® Xeon® , minimum 2.0 GHz (Dual Core recommended)
<b>RAM</b>	Minimum 1 GB (2 GB or more recommended)
<b>Network</b>	Ethernet (1 Gbit recommended)
<b>Graphics Adapter</b>	Onboard GFX, AGP or PCI-Express, minimum 1024 x 768, 16-bit color
<b>Hard Disk Type</b>	E-IDE, PATA, SATA, SCSI, SAS (7200 RPM or faster)
<b>Hard Disk Space</b>	Minimum 10 GB free (depends on number of servers, cameras, rules, and logging settings)



<b>Operating System</b>	<ul style="list-style-type: none"> <li>▶ Microsoft® Windows® 8 Enterprise (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 8 Pro (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Ultimate (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Enterprise (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Professional (32 bit or 64 bit)</li> <li>▶ Microsoft Windows Server 2012 (64 bit): Standard and Datacenter.</li> <li>▶ Microsoft Windows Server 2008 R2 (64 bit): Standard, Web, High Performance Computing (HPC), Enterprise, and Datacenter.</li> <li>▶ Microsoft Windows Server 2008 (32 or 64 bit)</li> <li>▶ Microsoft Windows Server 2003 (32 or 64 bit)</li> </ul>
<b>Software</b>	Microsoft® .NET 4.0 and Internet Information Services (IIS) 5.1 or newer.

## Computer running service channel

Name	Description
<b>CPU</b>	Intel® Xeon®, minimum 2.0 GHz (Dual Core recommended)
<b>RAM</b>	Minimum 1 GB (2 GB or more recommended)
<b>Network</b>	Ethernet (1 Gbit recommended)
<b>Graphics Adapter</b>	Onboard GFX, AGP or PCI-Express, minimum 1024 x 768, 16-bit color
<b>Hard Disk Type</b>	E-IDE, PATA, SATA, SCSI, SAS (7200 RPM or faster)
<b>Hard Disk Space</b>	Minimum 10 GB free (depends on number of servers, cameras, rules, and logging settings)
<b>Operating System</b>	<ul style="list-style-type: none"> <li>▶ Microsoft® Windows® 8 Enterprise (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 8 Pro (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Professional (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Enterprise (32 bit or 64 bit)</li> <li>▶ Microsoft Windows 7 Ultimate (32 bit or 64 bit)</li> <li>▶ Microsoft® Windows Server 2012 (64 bit): Standard and Datacenter.</li> <li>▶ Microsoft Windows Server 2008 R2 (64 bit): Standard, Web, High Performance Computing (HPC), Enterprise, and Datacenter.</li> <li>▶ Microsoft Windows Server 2008 (32 or 64 bit)</li> <li>▶ Microsoft Windows Server 2003 (32 or 64 bit)</li> </ul>
<b>Software</b>	Microsoft® .NET 4.0 Framework, and Internet Information Services (IIS) 5.1 or newer

Please note that XProtect Corporate 2013 will be the last version of the XProtect Corporate product line supporting Microsoft Windows Server 2003.

## Included XProtect components

XProtect Corporate 2013 ships with the following associated XProtect software products:

- **XProtect Smart Wall 2013**  
XProtect Smart Wall is a part of the XProtect Corporate installer, and runs as an embedded component in the management server and the XProtect Smart Client. The availability of the function is subject to separate licensing. For details on system requirements in relation to XProtect Smart Wall, please refer to the release note of the XProtect Smart Client.
- **XProtect Smart Client 2013 - including XProtect Smart Client – Player 2013**  
Please refer to separate release note for details.
- **Milestone Mobile Server 2013, including Milestone Mobile 2013 and XProtect® Web Client 2013**



XProtect Web Client 2013 replaces the former XProtect® Remote Client. Please refer to separate release note for Milestone Mobile 2013 and XProtect® Web Client 2013, respectively, for details on these products.

## Supported languages

There are no changes to the number of supported language versions in XProtect Corporate 2013, where the product and its documentation are available in the following localized versions:

### XProtect Management Client 2013

- English, Portuguese (Brazil), Simplified Chinese, Traditional Chinese, Danish, French, German, Italian, Japanese, Russian and Spanish
- Getting Started Guide: English, Portuguese (Brazil), Simplified Chinese, Traditional Chinese, Danish, French, German, Italian, Japanese, Russian and Spanish
- XProtect Management Client Help System: English, Portuguese (Brazil), Simplified Chinese and French

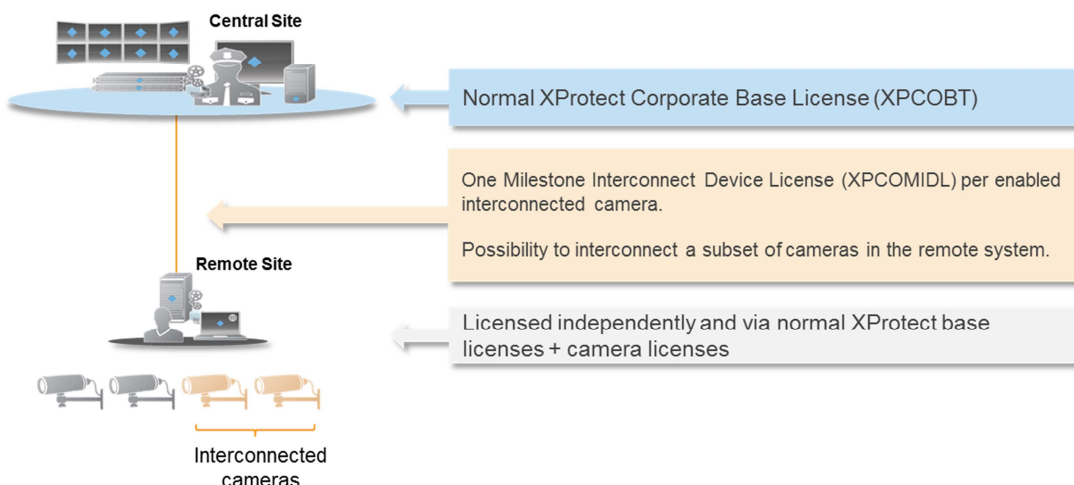
For details about localization of components, please refer to specific release notes.

## Licensing

The overall licensing structure of XProtect Corporate is unchanged, where all new features and clients are made available within the existing licensing scheme. However, special conditions apply to the use of Milestone Interconnect. These conditions are presented below.

### Licensing of Milestone Interconnect

A new Milestone Interconnect Device License (XPCOMIDL) is introduced in XProtect Corporate 2013. One Milestone Interconnect Device License is required per camera in an interconnected site that is enabled in the central XProtect Corporate system.



As indicated in the figure above, it is possible to interconnect a subset of cameras in an interconnected system. Please note that an interconnected remote system without any enabled cameras will require one Milestone Interconnect Device License.



The Open Platform Company

## Release note – Milestone XProtect® Corporate 2013



Interconnected remote systems are licensed independently via the normal licensing structure applicable for the particular interconnected product. Hence, no additional licenses are required in the remote system to be interconnected with an XProtect Corporate system.

The new Milestone Interconnect Device License is subject to the same mandatory one year Software Upgrade Plan coverage as other XProtect Corporate related license items.

Please refer to the Milestone price list for details on Milestone's suggested retail price for Milestone Interconnect Device License.

### **Product availability**

XProtect Corporate and associated XProtect clients is generally available as of May 21, 2013.

Best regards,

The Milestone Team