



## Release Notes – Milestone XProtect® Corporate 4.1

It is with great pleasure that Milestone Systems today announces the release of XProtect Corporate 4.1.

### Milestone XProtect Corporate 4.1

XProtect Corporate is powerful open platform IP VMS designed for large-scale, multi-site, high-security installations and supports an unlimited number of cameras, users and sites. For an ultimate overview of installations and fast response, XProtect Corporate has easy-to-use clients integrated with interactive, multi-layered maps and alarms. Built-in support for XProtect® Smart Wall enables seamless command center control. With superior redundancy features such as Edge Storage and failover recording servers, XProtect Corporate is software you can trust for mission-critical installations. Video recordings are never interrupted and access to the system is always maintained, giving you ultimate peace of mind.

### What's New in XProtect Corporate 4.1?

XProtect Corporate 4.1 with Smart Client 6, is the successor to XProtect Corporate 4, and includes additional tools that help increase the situational awareness and operational efficiency in large surveillance centers:

- **Camera Navigator**  
Milestone's new industry-exclusive Camera Navigator allows intuitive tracking in geographically complex security locations easing the ability to keep visual contact with moving objects or persons across several cameras.
- **ImmerVision Enables® 360° panomorph lens technology**  
The 360° panomorph lens technology provides unparalleled overview and enables distortion free zooming and possibility to view multiple points from a single camera. It can significantly decrease hardware and license costs because coverage obtained from one license-free lens mounted on a regular camera on the ceiling or on the wall replaces the coverage obtained by many regular cameras and lenses.
- **Milestone Integration Platform (MIP) 2**  
XProtect Corporate 4.1 includes version 2 of Milestone Integration Platform, which offers open and flexible integration of customer applications with the XProtect VMS platforms. MIP offers more capabilities, easier development and full integration compatibility across Milestone's different VMS platforms.

### Other new features

In addition to the main man features listed above, there are a number of smaller enhancements to XProtect Corporate version 4.1:

- **Bosch G4 Autodome – H.264 interlacing**  
Enables support of H.264 coding for Bosch AutoDome G4 cameras.
- **Removal of Alerts**  
As Alarms have substituted the use of Alerts, Alerts have been removed from Management Client and the Smart Client

### XProtect Smart Client 6

- **Native 64-bit OS version**  
Enhanced ability to display large number of cameras / view items in both the Smart Client and the Smart Wall. Please note that Fisheye support is not be available in the 64-bit version.



- **XProtect Smart Client – Player**

The XProtect Smart Client – Player substitutes the former Viewer application. It has the same look and feel as the XProtect Smart Client, allowing the same application for online and offline investigation. The XProtect Smart Client – Player may be included exported video material, and an auto run possibility enables a one click playback of evidence material.

The XProtect Smart Client – Player enables playback of a wide range of sources including: video, audio, HTML content, images and multiple transact sources.

The player application can also be used for second level investigations where exported video material can be combined into one project and re-exported in to a final evidence file that uses a common tampering and password protection.

- **Localization**

XProtect Smart Client now supports 26 languages; where Hindi, Norwegian and Thai have been added in XProtect Smart Client 6.

## System requirements

### **XProtect Corporate Recording / Failover Servers 4.1**

- HW Platform:
  - Dual Core Intel® Xeon®, minimum 2.0 GHz (Quad Core recommended)
  - RAM: minimum 1 GB (2 GB or more recommended)
  - Ethernet (1 Gigabit recommended)
  - HDD: minimum 100 GB free (depends on number of cameras and recording settings)
  - HDD type: E-IDE, PATA, SATA, SCSI, SAS (7200 RPM or faster)
- OS:
  - Microsoft® Windows® 7 Ultimate (32 bit or 64 bit\*), Microsoft Windows 7 Enterprise (32 bit or 64 bit\*), Microsoft Windows 7 Professional (32 bit or 64 bit\*), Microsoft Windows Server 2008 R2 (64 bit), Microsoft Windows Server 2008 (32 or 64 bit\*), Microsoft Windows Vista Business (32 or 64 bit\*), Microsoft Windows Vista Enterprise (32 or 64 bit\*), Microsoft Windows Vista Ultimate (32 or 64 bit\*), or Microsoft Windows Server 2003 (32 or 64 bit\*)
- Software:
  - Microsoft .NET 4.0 Framework

### **XProtect Corporate Management Server 4.1**

- HW Platform:
  - Dual Core Intel Xeon, minimum 2.0 GHz (Dual Core recommended)
  - RAM: minimum 1 GB (2 GB or more recommended)
  - HDD: minimum 50 GB free (depends on number of servers, cameras, rules, and logging settings)
  - HDD type: E-IDE, PATA, SATA, SCSI, SAS (7200 RPM or faster)
  - OS:
    - Microsoft Windows Server 2008 R2 (64 bit), Microsoft Windows Server 2008 (32 or 64 bit), Microsoft Windows Server 2003 (32 or 64 bit)
    - To run clustering/failover servers, a Microsoft Windows Server 2003/2008 Enterprise or Data Center edition is needed
- Software:
  - Microsoft .NET 4.0 Framework
  - Microsoft .NET 3.5 Framework SP 1 required for the SQL Server containing XProtect Corporate's system configuration
  - Internet Information Service (IIS) 5.1, or newer
  - Microsoft SQL Express<sup>1</sup> 2005/2008 Server or Microsoft SQL 2005/2008 Server (local/networked)



### **XProtect Event Server 2.1**

- HW Platform:  
Intel Xeon, minimum 2.0 GHz (Dual Core recommended)  
RAM: Minimum 1 GB (2 GB or more recommended)  
Ethernet (1 Gigabit recommended)  
HDD: Minimum 10 GB free (depends on number of servers, cameras, rules, and logging settings)  
HDD type: E-IDE, PATA, SATA, SCSI, SAS (7200 RPM or faster)
- OS:  
Microsoft Windows Server 2008 R2 (64 bit), Microsoft Windows Server 2008 (32 or 64 bit),  
Microsoft Windows Server 2003 (32 or 64 bit)
- Software:  
Microsoft .NET 4.0 Framework  
Internet Information Service (IIS) 5.1, or newer

### **XProtect Smart Client 6.0 and Smart Wall**

- HW Platform:  
CPU: Intel Core2™ Duo, minimum 2.4 GHz or higher (more powerful CPU recommended for Smart Clients running high number of cameras and multiple views and displays).  
RAM: Minimum 1 GB (higher RAM recommended for Smart Clients running high number of cameras and multiple views and displays).  
NETWORK: Ethernet (100 Mbit or higher recommended).  
HDD: Minimum 500 MB free.  
Graphics Adapter: AGP or PCI-Express, minimum 1024 x 768 (1280 x 1024 recommended), 16 bit colors.
- OS:  
Microsoft Windows XP Professional (32 bit or 64 bit), Windows Server 2003 (32 bit or 64 bit),  
Windows Server 2008 R1/R2 (32 bit or 64 bit), Windows Vista Business (32 bit or 64 bit),  
Windows Vista Enterprise (32 bit or 64 bit), Windows Vista Ultimate (32 bit or 64 bit), Windows 7  
Professional (32 bit or 64 bit), Windows 7 Enterprise (32 bit or 64 bit) and Windows 7 Ultimate  
(32 bit or 64 bit).
- Software:  
Microsoft .NET 4.0 Framework  
DirectX 9.0  
Windows Help (WinHlp32.exe)

### **XProtect Remote Client 3.7**

- HW Platform:  
CPU: Intel Pentium® 4, minimum 2.4 GHz  
RAM: Minimum 1 GB (2 GB or higher recommended on Microsoft Windows Vista).  
Ethernet (100 megabit or higher recommended)  
HDD: Minimum 10 MB free  
Graphic Adapter: AGP or PCI-Express, minimum 1024 x 768 (1280 x 1024 recommended), 16 bit colors.
- OS:  
Microsoft Windows 7 Ultimate (32 bit or 64 bit\*), Microsoft Windows 7 Enterprise (32 bit or 64  
bit\*), Microsoft Windows 7 Professional (32 bit or 64 bit\*), Microsoft Windows Server 2008 R2 (64  
bit), Microsoft Windows Server 2008 (32 or 64 bit\*), Microsoft Windows Vista Business (32 or 64  
bit\*), Microsoft Windows Vista Enterprise (32 or 64 bit\*), Microsoft Windows Vista Ultimate (32 or  
64 bit\*), Microsoft Windows XP Professional (32 or 64 bit\*) or Microsoft Windows Server 2003 (32  
or 64 bit\*)



- Software:  
DirectX 9.0, or newer  
Windows Help (WinHlp32.exe)

### **XProtect Corporate Management Client 4.1**

- HW Platform:  
Intel Core2 Duo, minimum 2.0 GHz  
RAM: minimum 1 GB. Ethernet (100 megabit or higher recommended)  
HDD: Minimum 100 MB free
- OS:  
Microsoft Windows 7 Ultimate (32 bit or 64 bit\*), Microsoft Windows 7 Enterprise (32 bit or 64 bit\*), Microsoft Windows 7 Professional (32 bit or 64 bit\*), Microsoft Windows Server 2008 R2 (64 bit), Microsoft Windows Server 2008 (32 or 64 bit\*), Microsoft Windows Vista Business (32 or 64 bit\*), Microsoft Windows Vista Enterprise (32 or 64 bit\*), Microsoft Windows Vista Ultimate (32 or 64 bit\*), Microsoft Windows XP Professional (32 or 64 bit\*) or Microsoft Windows Server 2003 (32 or 64 bit\*)
- Software:  
Microsoft .NET 4.0 Framework  
DirectX 9.0, or newer  
Microsoft Internet Explorer, Firefox or Safari browser for online help

Where:

\*) Running as a 32 bit service/application

1) Note: SQL Express only recommended for smaller installations with less than 500 devices

## **Supported Languages**

### **Corporate Servers 4.1a**

- English, Brazilian, Simplified Chinese, Traditional Chinese, Danish, French, German, Italian, Japanese, Russian, and Spanish
- Getting Started Guide: English, Brazilian, Simplified Chinese, Traditional Chinese, Danish, French, German, Italian, Japanese, Russian, and Spanish
- Management Client Help System is in English

### **XProtect Smart Client 6.0c (incl. XProtect Smart Client – Player)**

- English, Arabic, Bulgarian, Portuguese (Brazil), Simplified Chinese, Traditional Chinese, Czech, Danish, Dutch, Finnish, French, German, Hebrew, Hindi, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Russian, Swedish, Slovak, Spanish, Thai and Turkish.
- The XProtect Smart Client Help System and User's Manual are available in all languages except Bulgarian, Finnish, Hebrew, Hindi, Hungarian, Slovak and Thai.

### **Smart Wall 1.0b**

Same languages as Smart Client 6.0a

### **Remote Client 3.7a**

- English, German, French, Spanish, Simplified Chinese, Japanese, Italian, Danish, and Swedish
- Remote Client User's Manual is in English and Simplified Chinese only

## **Licensing**

The overall licensing structure of XProtect Corporate is unchanged, where all new features are made available within the existing licensing scheme. Licenses issued for XProtect Corporate 4.0 and earlier versions are not valid for version 4.1. These licenses can be traded-in in conjunction with upgrade to XProtect Corporate 4.1 according to Milestone's present trade-in policy.

XProtect is a registered trademark of Milestone Systems A/S. Microsoft and Windows are registered trademarks of Microsoft Corporation. All other trademarks mentioned in this document are trademarks of their respective owners. This document is intended for general information purposes only, and due care has been taken in its preparation. Any risk arising from the use of this information rests with the recipient, and nothing herein should be construed as constituting any kind of warranty. Milestone Systems A/S reserve the right to make adjustments without prior notification. All names of people and organizations used in this document's examples are fictitious. Any resemblance to any actual organization or person, living or dead, is purely coincidental and unintended.



## Upgrade to XProtect Corporate 4.1

Release 4.1 of XProtect Corporate is backwards compatible with version 2.x, 3.x and 4.0.

However, due to changes in the configuration database, the compatibility between version 4.1 of the Management Server, and version 3.x, and earlier, of the Recording Servers and Failover Recording Servers is limited. Although version 4.1 of the Management Server can work with 3.x and earlier versions of the Recording Servers and Failover Recording Servers, configuration data in the Recording Server or Failover Recording Server cannot be changed when connected to XProtect Corporate 4.1. It is thus required that the Management Server and all Recording Servers and Failover Recording Servers are upgraded to XProtect Corporate 4.1.

It should also be noted that the Management Server and the Management Client need to be the same version. This implies that Management Client version 4.0 will not work with a Management Server version 4.1, nor will the latest 4.1 version of the Management Client work with a Management Server version 4.0, or earlier.

When upgrading to XProtect Corporate version 4.1, Milestone recommends that the upgrade is made in the following steps:

- 1) Upgrade of the Management Server
- 2) Upgrade of possible Failover Recording Servers
- 3) Upgrade of the Recording Servers

For details on the upgrade procedures, please refer to the Administrator's Manual.

Best regards,

The Milestone Team  
[www.milestonesys.com](http://www.milestonesys.com)