



Release Notes – Milestone XProtect® Express 1

It is with great pleasure that Milestone Systems releases XProtect Express 1:

XProtect Express 1 – Fastest way to video enable your business!

XProtect Express is a new addition to the diverse Milestone XProtect IP video management software (VMS) product line. With support for up to 48 cameras, XProtect Express is affordable VMS for small businesses, especially retail, that want to video enable their surveillance installation. Due to the open platform environment, businesses can seamlessly integrate solutions, building management systems and third-party applications directly into XProtect Express. If you currently have separate solutions that you want to video enable, XProtect Express is an easy way to integrate them and work with one common interface. It can also easily integrate into your current system to create a video-enabled solution. Flexible licensing options and open platform support ensure seamless upgrades and system expansions as security and business needs change.

Features in XProtect Express 1

XProtect Express 1 with XProtect® Smart Client 6 and XProtect® Smart Client – Player, contains in addition to all the great and easy to use features of XProtect® Essential 2 several advanced features designed to:

- quickly video enable security and business systems
- seamlessly support add-on products
- enable easy and future proof system expansion

Supports Milestone Integration Platform (MIP)

Video enable security and business systems - integration capabilities and open platform support allow businesses to efficiently video enable building security and business systems.

Cost-effective solution

The open architecture enables you to integrate applications and systems into the software so you can create custom solutions. With a MIP plug-in, you can integrate unrelated systems, such as point-of-sale and video analytics directly into the XProtect Smart Client, giving you one unified security system. Additionally, with XProtect® Transact and XProtect® Retail, XProtect Express is perfect for retail environments that need to correlate and link transaction data with video

Future-proof

Using the Milestone Integration Platform, integrated solutions can be developed and applied to XProtect products, making it easy to expand and upgrade your system

Other great new features in XProtect Express

XProtect Express 1 has several additional new features:

- **Dual streaming**
Hardware is optimized with two independent, configurable video streams for live and recorded viewing, allowing clients, servers and network infrastructure to be utilized to their full capacity. Each stream can be individually optimized on the XProtect Express 1 server for stream compression, resolution and frame rate, meeting recording and live monitoring requirements.
- **ImmerVision Enables® 360° panomorph lens technology**
More critical information can now be captured on video with the introduction of the 360° panomorph lens technology support in XProtect Express 1. The 360° panomorph lens technology 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.



- **Unified installer**
All XProtect Express components and language resources are merged into one coherent, simplified installer, enabling a quicker installation process that results in more error-free deployments.
- **Easy license activation**
Installations are quick and easy to deploy and maintain with an automatic online activation of system and camera licenses. Newly-added cameras are fully functional during a 30-day grace period enabling instant camera replacement and removing the need to keep track of MAC addresses and device licenses because this information is automatically gathered and processed by the system. If the system is not connected to the Internet it is still possible to activate the system and corresponding devices by exporting a license file that can be activated from an online computer.
- **Privacy masking**
The privacy masking capability enables administrators to define privacy masks for individual cameras to hide areas in the camera view that must not be visible or recorded in order to comply with local legislation.
- **Language support**
XProtect® Express Management Application is available in 11 languages; Portuguese (Brazil), Russian and Traditional Chinese are new in the XProtect Express 1 release.

XProtect Smart Client 6

- **Native 64-bit operating system version**
The native 64-bit Smart Client enables higher quality cameras to be viewed and managed. Please note that some XProtect Smart Client features might not be available in the 64-bit version (please see the readme files for details).
- **XProtect Smart Client – Player**
The XProtect Smart Client – Player has the same look and feel as the XProtect Smart Client because they share the same platform, allowing you to access the same features for investigation and playback. It is possible to export a wide range of sources including: video, audio, HTML content, images and multiple transcript sources. Efficient handling of multiple exports with new “Project” concept allows additional video exports or archives to be added to an existing project, the possibility to create new projects offline or use common tampering and password protection.
- **MIP 2 plug-in support**
- **Localization**
XProtect Smart Client now supports 26 languages; Portuguese (Brazil), Russian and Traditional Chinese have been added in XProtect Smart Client 6.

System requirements

XProtect Express Server 1.0a

- Hardware platform:
CPU: Intel® Pentium® 4, 2.4 GHz or higher (Core™ 2 recommended).
RAM: Minimum 2 GB (4 GB or more recommended).
Minimum 10 GB free hard disk space available, excluding space needed for recordings.
Ethernet (1 GB recommended)
HDD: E-IDE, PATA, SATA, SCSI, SAS (7200 RPM or faster).
Onboard GFX, AGP or PCI-Express, minimum 1024 x 768, 16 bit colors.
- Operating system:
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

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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 or newer.

XProtect Smart Client 6.0a and XProtect Smart Client – Player

- Hardware 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 2 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.
- Operating system:
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.

XProtect® Remote Client 3.7a

- Hardware platform:
CPU: Intel Pentium® 4, minimum 2.4 GHz
RAM: Minimum 2 GB (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.
- Operating system:
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

Where:

*) Running as a 32 bit service/application

Supported languages

XProtect Express Server 1.0a

- English, Portuguese (Brazil), Simplified Chinese, Traditional Chinese, Danish, French, German, Italian, Japanese, Russian and Spanish.

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- Administrator's Getting Start Guide is available in English, Portuguese (Brazil), Simplified Chinese, Traditional Chinese, Danish, French, German, Italian, Japanese, Russian and Spanish.
- The XProtect Express help system is available in English, French, Portuguese (Brazil) and Simplified Chinese.

XProtect Smart Client 6.0a and 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.

XProtect Remote Client 3.7a

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

Licensing

Base Server License

- An Essential base server license is mandatory for installing the product.
- The Essential base server license includes 2 camera licenses.
- The base server license contains the Essential server modules: Recording Server, Viewer, Recording Server Manager, Image Server, plus the client modules: Smart Client and Remote Client.

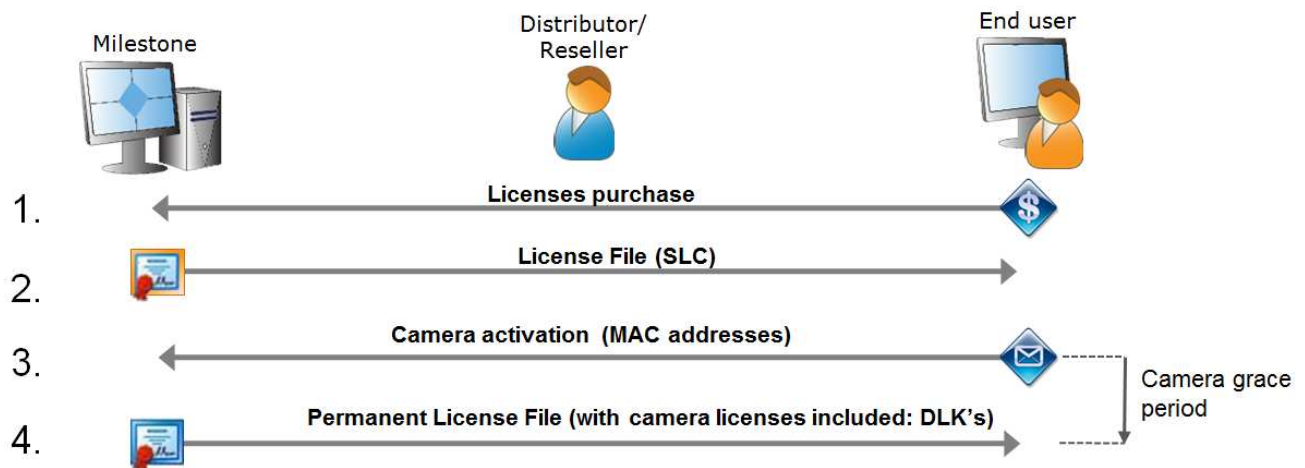
Camera License

- To connect to a camera, a license per camera channel is required. In total, for all copies of the product installed under this license, the product may only be used with as many cameras as you have purchased camera licenses for.
- Video encoders and DVRs connected to multiple analog cameras require a camera license per channel to operate.
- Camera licenses can be purchased in any numbers. To extend the installation with additional camera licenses, the SLC is required when ordering.

Client License

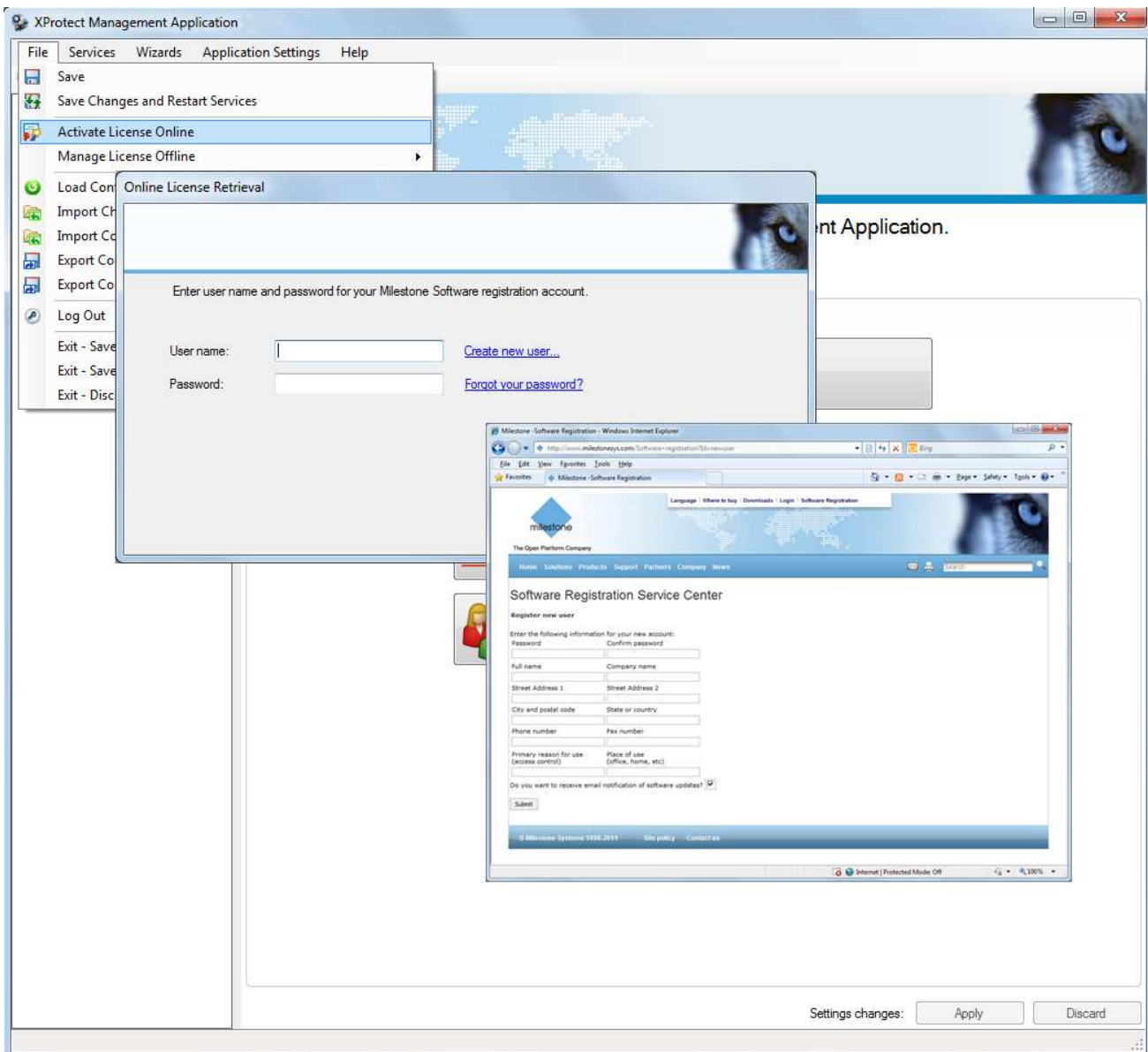
- The XProtect Smart Client, XProtect Smart Client – Player, and XProtect Remote Client are not licensed and can be installed and used on any number of computers.

Please note that the new license activation requires a new procedure for purchasing and distributing SLCs and DLK's (including device MAC addresses). Instead of distributing these (SLCs and DLK's) a license file is used which contains all this information (almost an identical license handling procedure as in XProtect® Enterprise 8 and XProtect® Corporate).



As seen in the illustration above:

- End user purchases a Base Server License with a number of camera licenses.
 - Distributor/Reseller issues the order from Milestone's order system.
- The Milestone order system creates a license file containing the base server license (SLC). The file can either be saved for later distribution to the end user or the license file can be emailed directly to the end user. Please note that the name of the license file is in the structure "SLC_License_Number.LIC".
 - The license file can either be added during the installation or at a later stage. However if no license file is added then the software will be installed with a 30-day trial period.
 - One or multiple cameras are then added to the system. These will be fully functional during the 30-day camera grace period.
- Within the 30-day grace period the cameras need to be activated online using the Milestone Software Registration Service Center.
 - If no account exists then one needs to be created in the Milestone Software Registration Service Center. The account is automatically linked to the base server license (SLC) and the allowed number of camera licenses that can be obtained.
 - The XProtect Express 1 system automatically collects all information necessary for obtaining the correct number of camera licenses (DLK's, based upon camera MAC addresses).
- A permanent license file is automatically added to the system.



Upgrade to XProtect Express 1

It is seamless to upgrade from XProtect® Essential (version 1 or 2) to XProtect Express 1. Any configurations completed in the XProtect Essential will be automatically transferred to the XProtect Express 1 installation. For more details please see the Getting Started guide.

Best regards,

The Milestone Team
www.milestonesys.com

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