



Milestone Integration Platform

Software Development Kit 2 (MIP SDK 2)



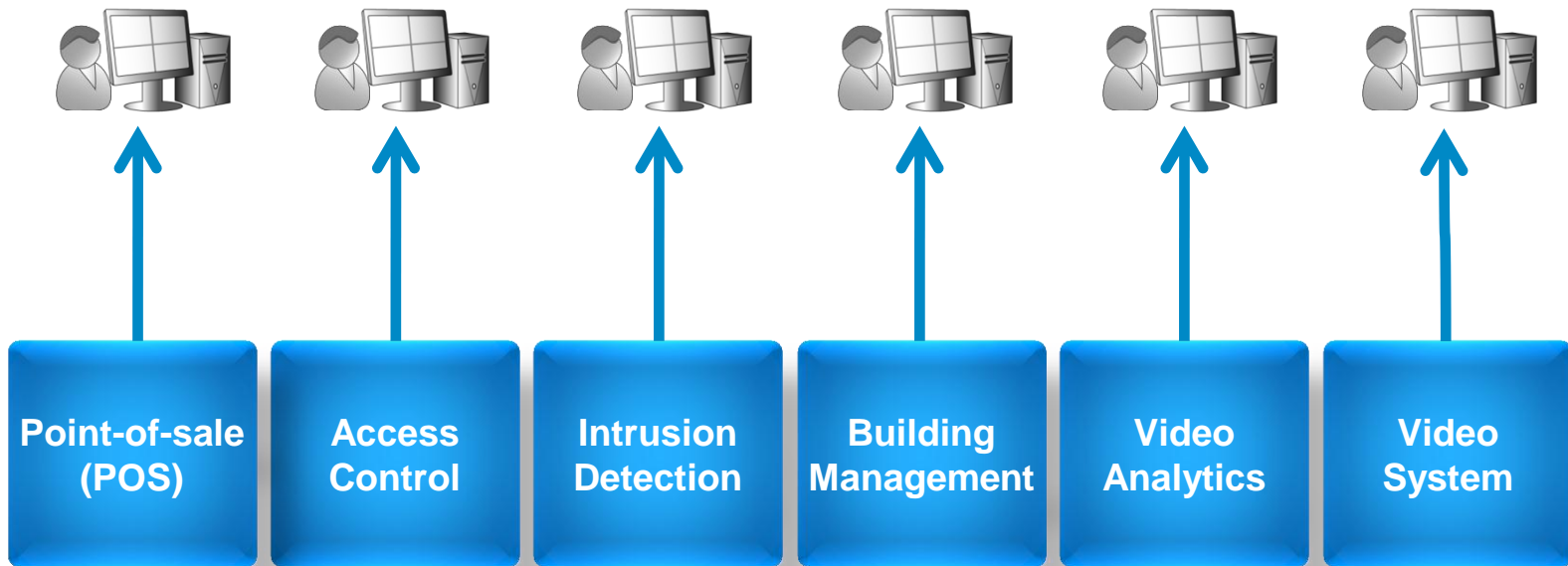
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Agenda



- Introduction to MIP and MIP SDK
- What's new in MIP SDK 2
- Summary
- Q&A

Typical security infrastructure



Security infrastructure based on MIP



POS

Access
Control

Intrusion
Detection

Building
Management

Video
Analytics

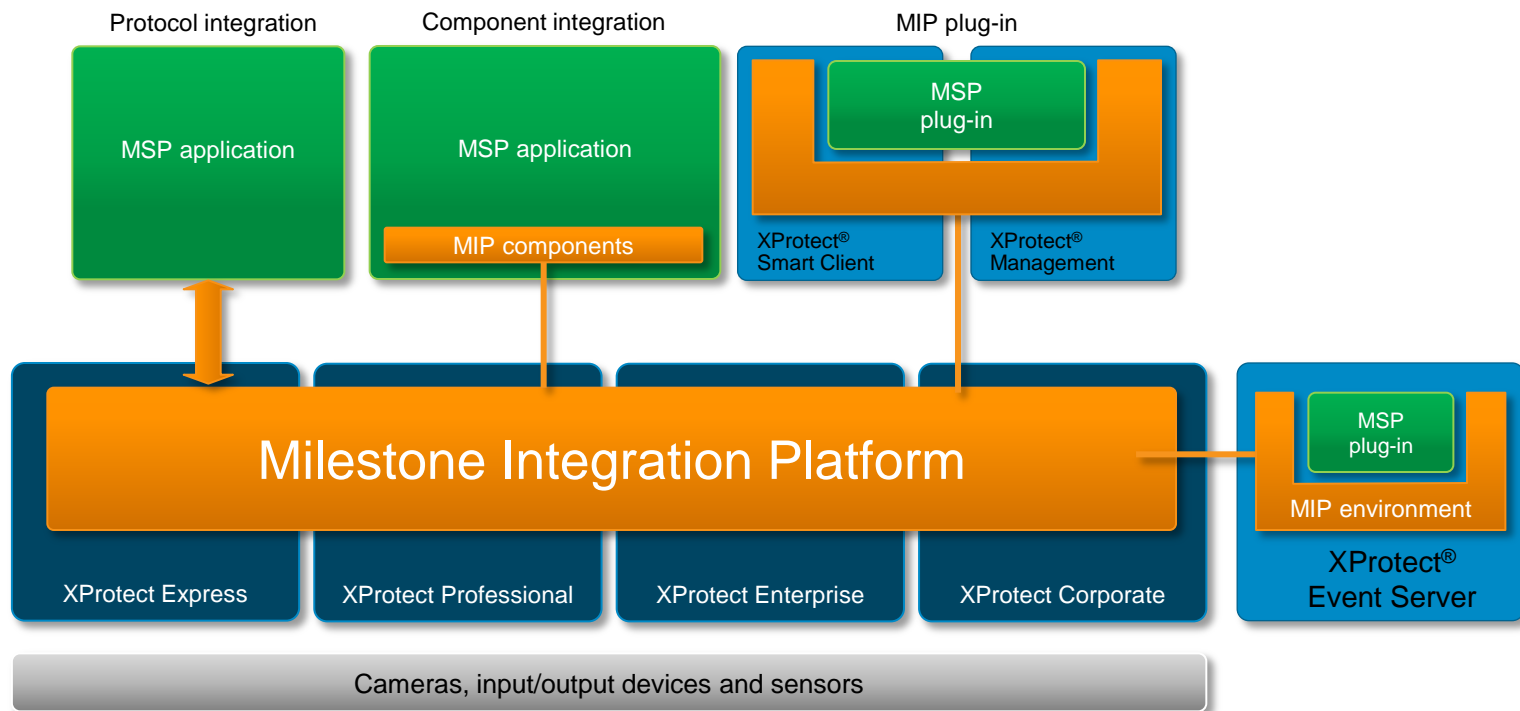
PSIM

Milestone XProtect[®] video management software (VMS)*

Milestone Integration Platform (MIP)

*Supported versions and higher: XProtect[®] Corporate 4, XProtect[®] Enterprise 8, XProtect[®] Professional 8 and XProtect[®] Express 1

Milestone Integration Platform (MIP)

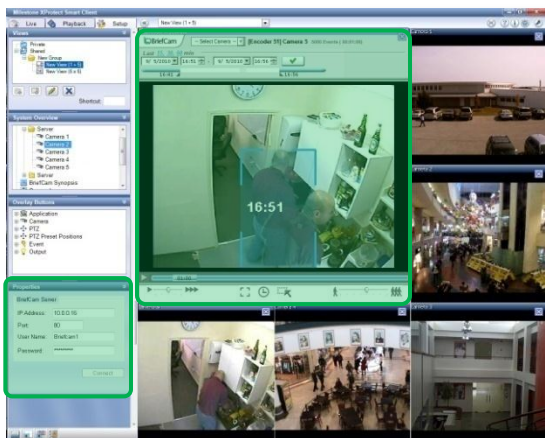


MIP plug-in – Intuitive integration

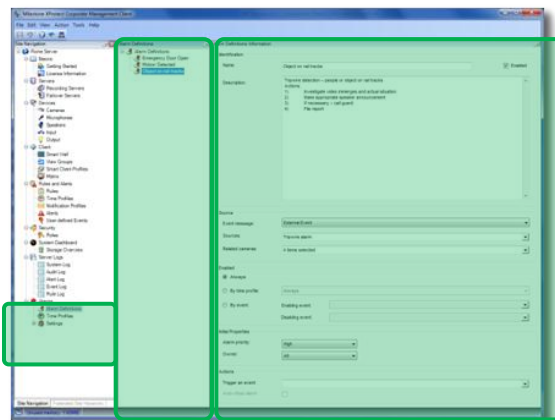


Share MIP plug-ins between XProtect products

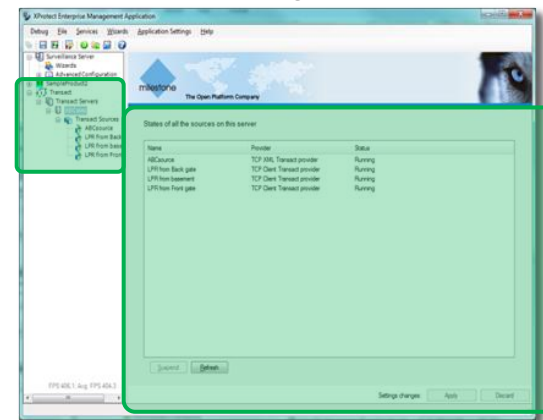
1 XProtect Smart Client



2 XProtect Corporate Management Client

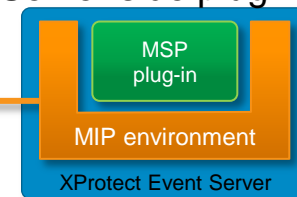


3 XProtect Enterprise, XProtect Professional and XProtect Express Management Application



Milestone Integration Platform

4 Server side plug-ins



MIP SDK features

- Comprehensive development toolbox
- Task-oriented toolbox
- Application catalog
- Architecture description
- Documentation
 - Components
 - MIP environment
 - Protocols
- Getting started guides
- Samples

The screenshot displays the 'MIP SDK 2.0a - Documentation' website. The page features a navigation bar with 'Integration Options >>>', 'Protocol Integration', 'Component Integration', and 'Plug-in Integration', along with a search box. The main content area includes a 'Welcome to the MIP SDK Documentation' heading and a section titled 'Milestone Integration Platform Software Development Kit'. Below this, there are three paragraphs of introductory text. At the bottom, a diagram illustrates the system architecture. The diagram shows three integration paths: 'Protocol Integration' (MSP Application), 'Component Integration' (MSP Application and MIP Components), and 'Plug-in Integration' (MSP Plug-in, MIP Environment, XProtect Smart Client, and XProtect Management). These components are connected to a central 'Milestone Integration Platform' which sits on 'XProtect™ Servers'. A separate 'MIP Environment' with an 'MSP Plug-in' and 'XProtect Event Server' is also shown connected to the platform. The footer of the page reads '© Milestone Systems 2011'.



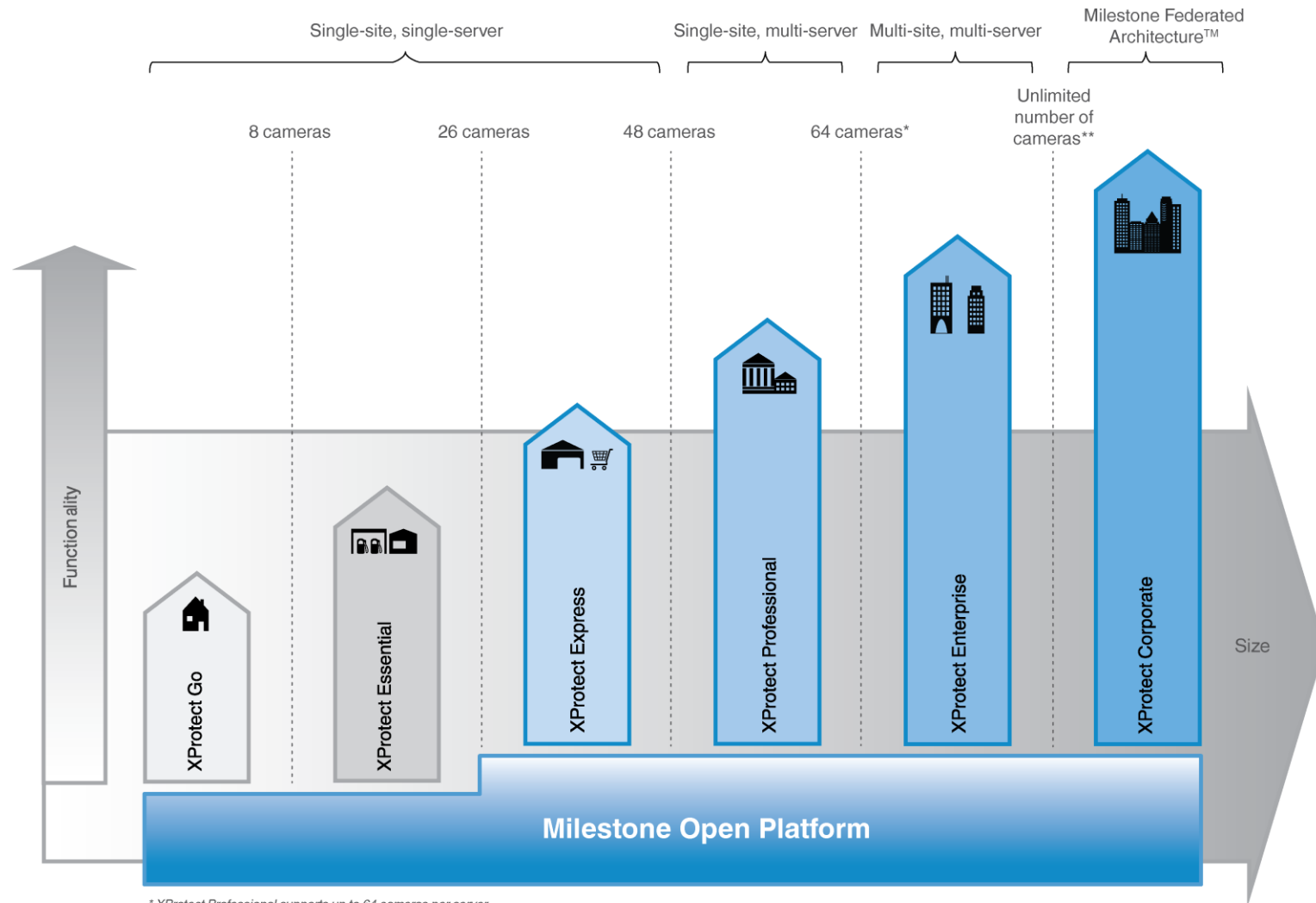
What's new in MIP SDK 2



milestone

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Multi-platform support



* XProtect Professional supports up to 64 cameras per server
** For most installations larger than 250 cameras, Milestone recommends using XProtect Corporate.

Licensing framework embedded in MIP

Use the Milestone activation procedure to activate plug-in



1. Register plug-in

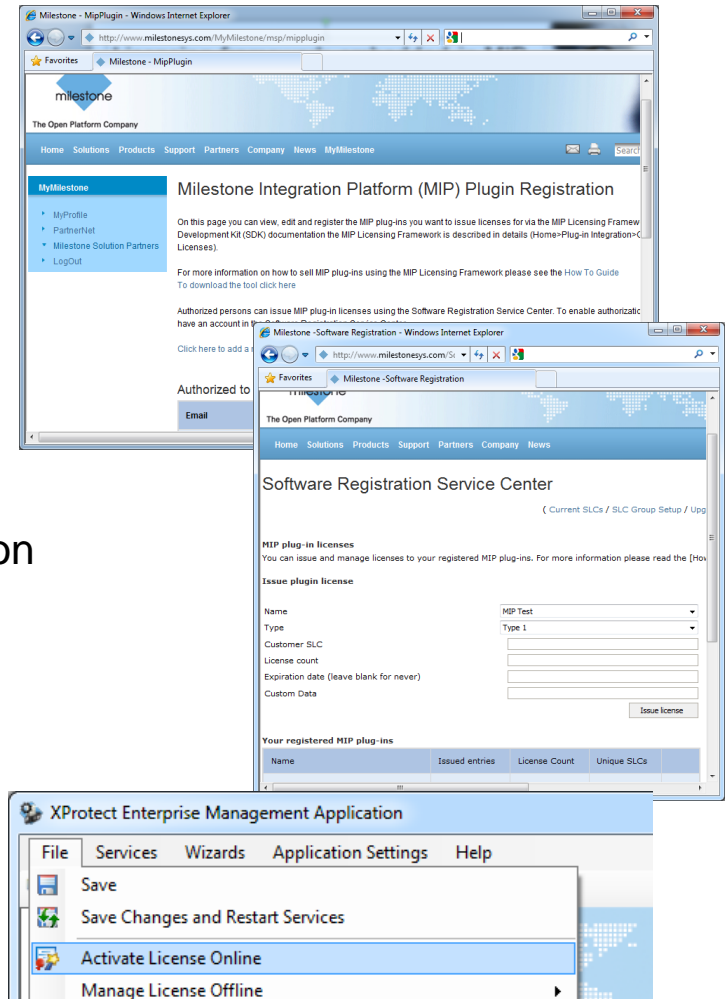
PartnerNet: <http://www.milestonesys.com/login>

2. Assign license to customer

Software Registration Center:
<http://www.milestonesys.com/Software+registration>

3. Customer activates license

Use the online or offline activation feature in the XProtect products



Licensing framework embedded in MIP



- **Easy for MSPs to implement**
 - Extremely flexible
 - Easy access to license information
 - Built-in support for trial license
- **Easy for customer to enable in installation**
 - No need for separate license keys
 - Treat the plug-in as any other device
- **Easy for you to drive additional solution sales with customers**
 - Gain access to Milestone's 100,000 customers worldwide

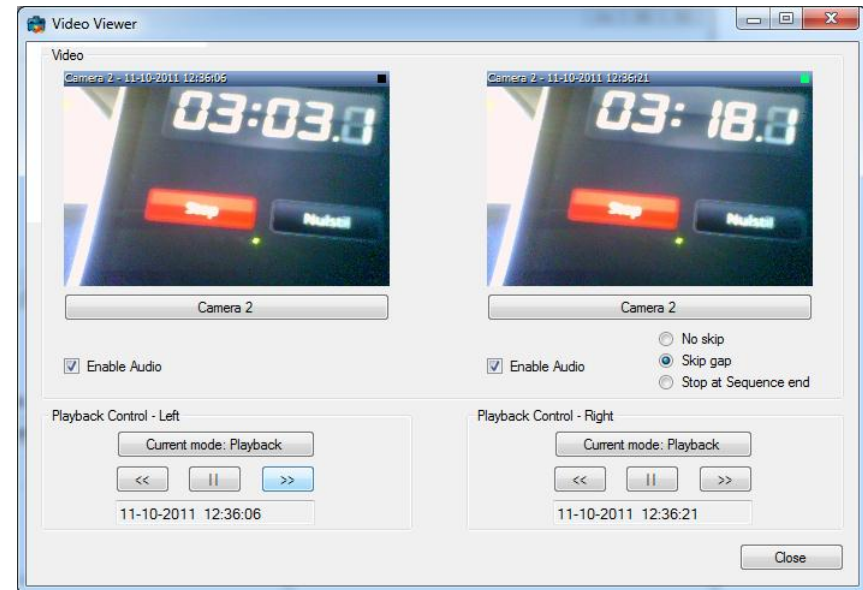
XProtect® Smart Client – Player export



- Export your XProtect Smart Client MIP plug-in and data together with the XProtect Smart Client database export
- This will enable customers to have access to MIP plug-in capabilities in exported video

Individual time navigation

- Video displayed is no longer tied to time synchronization
- With the new PlaybackController the time of each video stream can be independently controlled



And there is more ...



- Improved pan-tilt-zoom (PTZ) support
 - Retrieve PTZ position and trigger continuous PTZ movement
- Playing audio in component base solution
 - Audio Player Control and ActiveX component
- New Samples
 - License framework samples
 - AudioPlayerControl and PlaybackController samples
 - Dynamic view layout, side panel plug-in in and instant export in XProtect Smart Client
- Improved documentation

End notes



XProtect[®] Analytics analytic events (Milestone Alert Data – MAD) are now fully moved to MIP

- End of development for XProtect Analytics (supported until September 2, 2013)

Summary



- Multi-platform support
- New licensing framework
- XProtect Smart Client export support
- Individual time navigation
- Improved PTZ support
- Audio player control
- New samples and improved documentation

Key messages



Supports a multitude of integration methods

- ◆ Multiple integration layers with different levels of abstraction
- ◆ Facilitates different types of application / systems integrations
- ◆ MIP plug-in enables seamless application integration that gives an ultimate user experience

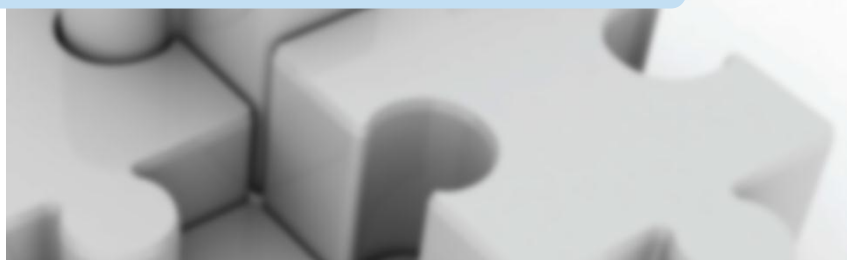
A world of innovative possibilities

- ◆ Extensive video and events handling capabilities
- ◆ Dynamic video overlaying possibilities
- ◆ Server-side MIP integration
- ◆ Unique intra MIP plug-in communication

Comprehensive development framework

- ◆ Extensive documentation with application and code samples
- ◆ Toolbox with proven Milestone libraries and code components
- ◆ Microsoft® Visual Studio project templates
- ◆ Development tool (traces, program logs, etc.)

Develop once - apply on all

- ◆ Unified interface for all Milestone XProtect VMS products
 - ◆ Forward compatible – seamlessly works with all new product versions
 - ◆ Automatic access to new capabilities
- 

Key benefits



- Optimize your solution value
 - Easy and seamless plug-in of third-party applications
 - Ability to differentiate in the market and meet customer needs
 - High customer satisfaction
- Shorter time to market
 - Automatic access to new capabilities
 - Reduced solution maintenance cost
 - Reduced need for support
 - Increased market reach with unified interface for XProtect VMS
- More powerful and innovative
 - Extensive development toolbox with endless possibilities to meet customer needs
 - Unique features for demonstrating thought leadership

Getting started



MIP SDK 2.0b is available for download by request from partner@milestonesys.com

Sign up for MIP SDK training sessions