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Product Management

Nuremberg
09 October 2025

Release Letter

Product:	<i>Bosch SmartSuite for Milestone XProtect®</i>
Version:	<i>1.0.2</i>

This letter contains latest information about the above-mentioned software. Newly added information is printed in **blue** color.

1 General

The Bosch Video Systems SmartSuite for Milestone XProtect is a consolidated and enhanced integration package designed to enable system integrators to setup a Milestone XProtect system that is connected to cameras from Bosch Video Systems with way less effort. Next to that, it is designed to optimize the use of on-camera analytics within the Milestone XProtect environment.

It consists out of a single, streamlined installer, and introduces powerful new features for both Milestone XProtect Smart Client and Management Client users.

- Use of this SmartSuite is free-of-charge and supported by the Bosch Video Systems support organization. Utilize SmartSuite with all versions of Milestone XProtect as of 2024 R1 onward. It's advisable to install SmartSuite wherever an XProtect Smart Client and/or an XProtect Management Client are being used. SmartSuite is globally available and an End User License Agreement (EULA) applies upon installation and use. SmartSuite is designed to work exclusively with Bosch cameras and analytics.

2 Features

The SmartSuite contains the following features for the **Milestone XProtect Management Client**:

- SmartSuite itself: Merges previously separate plug-ins into one, streamlined installer
- Forensic Search:
 - Dedicated interface to search for (1) camera-detected attributes* and (2) Bosch IVA tasks such as line crossings and object-in-field
 - Search for attributes like
 - Vehicles (e.g., truck and bus)
 - People of specific interest

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- Bags and backpacks
- PPE equipment (helmet / safety vest)
- Brandished firearms / guns
- Camera Configuration:
 - Configure your cameras directly within XProtect Management Client
 - Option to adjust and configure >100 camera parameters in a simple way
 - No camera credentials needed: XProtect takes care of authorization
 - No need to “update hardware” after adjusting camera configuration
- Quick Event Subscription:
 - Search for and subscribe to Bosch IVA events in seconds
 - Save lots of mouse clicks during configuration of analytics
- Project Assistant Import:
 - Flawlessly add your Bosch Project Assistant projects into XProtect
 - Upon import, auto-configure characteristics like:
 - Network settings
 - Date and time
 - Camera name and group
 - Image settings, alignment & focus

**Upon release, the SmartSuite supports forensic search for the licenses: IVA Pro Buildings, Traffic, Perimeter, Appearance, PPE, Visual Gun Detection. No support yet for IVA Pro LPR(X), MMR, DGS.*

The SmartSuite contains the following features for the **Milestone XProtect Smart Client**:

- Metadata Utilization:
 - Apply advanced inferencing, like:
 - Add bounding boxes or shapes to camera-detected objects
 - Add trajectory lines to detected attributes for better tracing
 - Add attribute icons for object classification in the cameo
 - Add (multiple) counters to your cameo
 - Enable AI or mouse click auto-tracking of attributes (PTZ cameras)
- Panoramic De-warping:
 - Easily (de)warp images from Bosch panoramic cameras
 - Upon installation, virtual PTZ can be used to navigate the stream
- Device Control:
 - Enable and disable camera hardware features, like:
 - Wipers
 - White light indicator

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- Infrared light

3 Versions

Additional information can be found in the Bosch Knowledge Base (<https://knowledge.keenfinity-group.com/video-systems/article/milestone>).

- **1.0.2:** Maintenance release
 - Fixes a bug where the dewarping performance was impaired on certain systems.
 - Adds Smart Client version checks to prevent the plugins from being loaded in incompatible environments.
 - Adds an error message to the Forensic Search Agent in case incompatible display scaling is used.
- **1.0.1:** Initial release

4 Known Limitations

- In certain scenarios it may be possible that the Bosch Plugins from the Smart Suite and the Bosch AI Alarm Verification Plug-in are incompatible and can't be installed in parallel.
- Changing IVA Pro profiles requires 'update hardware' in XProtect.
- **Camera Configuration**
 - Tunnel setup for 'Bosch Video Settings' and 'Bosch Events' tabs may take 5–15 seconds.
 - XProtect Management client needs to be in a network where direct access to the camera is possible for the tunnel setup.
- Intel processor with Quick Sync support or **NVIDIA GPUs** are highly recommended as the use of the hardware decoding reduces the processor load in general and especially for panoramic dewarping.
- **Dewarping**
 - No support for GPUs from the brand AMD.
 - No support yet for IVA Pro LPR, IVA Pro MMR, IVA Pro LPRX and IVA Pro DGS.
- **Forensic Search Agent**
 - Windows display scaling is not supported. This a scaling setting of 100% is highly recommended

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5 System Requirements

Minimum System Requirements	Description
Operating System	- Windows 11, Windows Server 2019 and above .net 4.8 available
Milestone XProtect	XProtect 2024R1 and above

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General disclaimer

This software is not designed, intended, or authorized for use in any type of system or application in which the failure of the software could lead to a risk to health and safety. The user is responsible to verify that the software and its specified functionalities are suitable for the intended application, in particular with respect to accuracy, safety and security.