



INTEGRITI BOSCH CCTV PLUGIN

RELEASE NOTES 1.8



INNER RANGE recommends that all Inner Range systems be installed & maintained by FACTORY CERTIFIED TECHNICIANS.

For a list of Accredited Dealers in your area refer to the Inner Range Website.

<http://www.innerrange.com>

Integrati Bosch Plugin

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Capabilities

	Feature	Ver	Y/N	New
Advanced CCTV Features	<i>Automatically Load Camera Configuration</i>	18	✓	
	<i>64-bit Integration Server Support</i>	18	✓	
	<i>Show Camera Status</i>	18	✓	
	<i>Categorised Review Records</i>	19	✗	
	<i>License Plate Recognition</i>	18	✗	
	<i>Trigger Inputs on CCTV Event</i>	19	✗	
	<i>Control Iris and Focus</i>	18	✓	
	<i>Control PTZ Tours</i>	18	✗	
	<i>Display Video Frame Times</i>	18	✓	
	<i>Show On-Screen Display</i>	18	✓	
	<i>Reverse Playback</i>	18	✓	
	<i>Step Forward/Backward</i>	18	✓	
	<i>Export CCTV Clips</i>	19	✓	
	<i>Export CCTV Snapshots</i>	19	✗	
	<i>Export Current Frame</i>	20	✗	
	<i>Stream Audio With Video</i>	18	✓	
<i>Send Audio to CCTV Camera</i>	18	✓		

Current Release

Version 1.8 – February 2023

Important Notes

Bosch VMS Version

The Bosch CCTV Plugin is compatible only with Bosch VMS version 11.1. Older BVMS versions are not supported. The version of the Cameo SDK installed must match the plugin and the version of the server.

Target Processor Type

The Bosch CCTV Plugin v1.3 and above requires a 64-bit operating system.

SDK Requirements

The Bosch CCTV Plugin requires the BVMS Cameo SDK to be manually installed on every PC that will be using the plugin. The BVMS Cameo SDK can be installed from the BVMS installer by selecting 'Cameo SDK' in the list of product features to install.

Required Integriti Version License

Integriti Pro/Infiniti v21 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v20 or higher

Licensing Requirements

Integriti CCTV Integrations require Integriti Business or Integriti Corporate Software Edition.

For Integriti Business, one CCTV License is required per camera to be used in the system. Integriti Business supports 32 Cameras initially, and additional cameras can be added in lots of 8 using the 996921 CCTV - Extra 8 Cameras license. Any unlicensed Cameras will still show up in Integriti; however, they will not be useable.

For Integriti Corporate, unlimited cameras are supported with no additional licenses required.

SDK Version

- Bosch VMS/Cameo SDK v11.1.1.65
- Bosch Video SDK v6.32

Tested Against

- Bosch VMS v11.1.1.65

Feature Updates

- **SDK Update:** Updated BVMS and Cameo SDK to version 11.1.1.65.
- **Video Export:** Simplified export logic. Export from the integration server now uses the Cameo SDK and no longer requires a Windows network share. Added support for export to MP4.

Known Issues

- **Video Playback:** The first time playing back certain tracks after starting the video viewer, the Video SDK may show video from an incorrect time. Waiting a few seconds or seeking again may correct this.

Past Releases

Version 1.7 – September 2022

Important Notes

Bosch VMS Version

The Bosch CCTV Plugin is compatible with Bosch VMS version 10. BVMS version 11 is currently not supported. The version of the Cameo SDK installed must match the plugin and the version of the server.

Target Processor Type

The Bosch CCTV Plugin v1.3 and above requires a 64-bit operating system.

SDK Requirements

The Bosch CCTV Plugin requires the BVMS Cameo SDK to be manually installed on every PC that will be using the plugin. The BVMS Cameo SDK can be installed from the BVMS installer by selecting 'Cameo SDK' in the list of product features to install.

Required Integriti Version License

Integriti Pro/Infiniti v21 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v20 or higher

Licensing Requirements

Integriti CCTV Integrations require Integriti Business or Integriti Corporate Software Edition.

For Integriti Business, one CCTV License is required per camera to be used in the system. Integriti Business supports 32 Cameras initially, and additional cameras can be added in lots of 8 using the 996921 CCTV - Extra 8 Cameras license. Any unlicensed Cameras will still show up in Integriti; however, they will not be useable.

For Integriti Corporate, unlimited cameras are supported with no additional licenses required.

SDK Version

- Bosch VMS/Cameo SDK v10.0.0.1225
- Bosch Video SDK v6.32

Tested Against

- Bosch VMS v10.0.0.1225

Issues Resolved

- **Footage Export:** Fixed an issue preventing export from working after closing and reopening the video viewer.
- **Footage Export:** Fixed an issue preventing export from the video viewer from working after previously exporting footage from a different integrated system.

Known Issues

- **Video Playback:** The first time playing back certain tracks after starting the video viewer, the Video SDK may show video from an incorrect time. Waiting a few seconds or seeking again may correct this.

Version 1.6 – November 2021

Required Integriti Version License

Integriti Pro/Infiniti v21 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v20 or higher

Licensing Requirements

Integriti CCTV Integrations require Integriti Business or Integriti Corporate Software Edition.

For Integriti Business, one CCTV License is required per camera to be used in the system. Integriti Business supports 32 Cameras initially, and additional cameras can be added in lots of 8 using the 996921 CCTV - Extra 8 Cameras license. Any unlicensed Cameras will still show up in Integriti; however, they will not be useable.

For Integriti Corporate, unlimited cameras are supported with no additional licenses required.

SDK Version

- Bosch VMS/Cameo SDK v10.0.0.1225
- Bosch Video SDK v6.32

Tested Against

- Bosch VMS v10.0.0.1225

New Features

- **Footage Export:** Allows for export of footage clips and evidence saving.
- **Channel ID Configuration:** Can specify a channel ID to use for playback and footage exporting in case the correct channel cannot be automatically found.
- **URL and ProgID Configuration:** These properties used for connecting to a camera may be overridden in case Refresh Child Devices cannot detect the correct settings.

Issues Resolved

- **Video Playback:** Corrected an issue video playback was playing an incorrect channel in some cases when 'Prefer Camera Recordings' was selected, but only VMS recordings were found.

Version 1.5 – June 2020

Required Integriti Version License

Integriti Pro/Infiniti v19 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v18.1 or higher

SDK Version

- Bosch VMS/Cameo SDK v10.0.0.1225
- Bosch Video SDK v6.32

Tested Against

- Bosch VMS v10.0.0.1225

Issues Resolved

- **Integration Compatibility:** Resolved potential issue that could result in being unable to open the editor for several other Integriti plugins after installing this plugin.

Version 1.4 – January 2020

Required Integriti Version License

Integriti Pro/Infiniti v19 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v18.1 or higher

SDK Version

- Bosch VMS/Cameo SDK v10.0.0.1225
- Bosch Video SDK v6.32

Tested Against

- Bosch VMS v10.0.0.1225

Feature Updates

- **SDK Update:** Updated to use Bosch VMS/Cameo SDK v9.0
- **SDK Update:** Updated to use Bosch Video SDK v6.32

Version 1.3 – November 2018

Required Integriti Version

Integriti Pro/Infiniti v18.1 or higher

SDK Version

- Bosch VMS/Cameo SDK v8.0.0.329
- Bosch Video SDK v6.1

Tested Against

- Bosch VMS v8.0.0.329

Feature Updates

- **SDK Update:** Updated to use Bosch VMS/Cameo SDK v8.0.0.329
- **SDK Update:** Updated to use Bosch Video SDK v6.1
- **Target Processor Type:** Now use 64-bit Bosch SDKs, meaning the integration requires the 64-bit Integration Server and a 64-bit environment to run. This allows the integration to connect to Bosch VMS v8 and higher.

Version 1.2 – August 2017

Required Integriti Version

Integriti Pro/Infiniti v16.0 or higher

SDK Version

Bosch VMS/Cameo SDK v7.5.0.432

Bosch Video SDK v6.05.02.88

Tested Against

- Bosch VMS v7.5.0.432

Feature Updates

- **SDK Update:** Updated to use Bosch VMS/Cameo SDK v7.5.0.432
- **SDK Update:** Updated to use Bosch Video SDK v6.05.02.88
- **Video Stream Playback:** Improved track search functionality when playing archived footage, resulting in the correct track being more likely to be found.

Version 1.1 – March 2017

Required Integriti Version

Integriti Pro/Infiniti v4.0 or higher

SDK Version

Bosch VMS/Cameo SDK v7.0.0.223

Bosch Video SDK v6.0.4

Tested Against

- Bosch VMS v7.0.0.223

New Features

- **Video Stream Overlay:** Added the ability to show the VCA overlay on video streams. This can be enabled via the 'Enable VCA Overlay' property of the Recorder configuration.
Video Stream Overlay: Added the ability to show a custom text overlay on video streams. This can be configured via the 'Text Overlay' property of the Recorder configuration.
This allows not only text to be shown, but also a number of useful values regarding the current stream. For example:
 - <Timestamp>: Frame timestamp in UTC (e.g. 2012-09-15 08:12:00Z)
 - <TimestampInLocaltime>: Frame timestamp in device-local time (e.g. 2012-09-15 10:12:00+0200)
 - <TimestampWithoutTimeZoneDesignator>: Frame timestamp in device-local time without time zone designators (e.g. 2012-09-15 10:12:00)
 - <CameraName>: Name of the video input or camera
 - <DeviceName>: Name of the encoding device
- **Video Stream Authentication:** Added the option to manually specify the username and password for both Bosch and third party cameras when loading a video stream.
- **Camera Settings:** Added option to manually set the IP Address of the Bosch VRM both in the Recorder and on a per-Camera basis, for where the IP Address differs from the BVMS Server IP Address.

Feature Updates

- **SDK Update:** Updated to use Bosch VMS/Cameo SDK v7.0.0.223
- **SDK Update:** Updated to use Bosch Video SDK v6.0.4

Version 1.0 – December 2015

Required Integriti Version

Integriti Pro/Infiniti v4.0 or higher

SDK Version

Bosch Video SDK v5.9

Tested Against

- Bosch VMS v5.9

New Features

- **Initial Release:**