



INTEGRITI MILESTONE PLUGIN

RELEASE NOTES 2.12



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Integrati Milestone 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 2.12 – July 2022

Important Notes

System Requirements

Any computer used to view video from the Integriti Milestone CCTV Plugin must have a graphics card that supports Direct3D.

Required Integriti Version License

Integriti Pro/Infiniti v21 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v20.0 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

Milestone MIPSDK 2022 R1

Tested Against

- Milestone XProtect Corporate 2021 R1
- Milestone XProtect Corporate 2021 R2
- Milestone XProtect Corporate 2022 R1

Feature Updates

- **Review Event Categorisation:** Added better review categorisation of Milestone event types.
- **SDK:** Upgraded MIPS SDK version used to 2022 R1.

Issues Resolved

- **Refresh Device:** Resolved an issue that throws an error on Refreshing Device.
- **Persisted Connection:** Resolved issue that could result in persisted connections immediately disconnecting and reconnecting on initial start-up.

Past Releases

Version 2.11 – October 2021

Required Integriti Version License

Integriti Pro/Infiniti v21 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v20.0 or higher

SDK Version

Milestone MIPS SDK 2021 R1

Tested Against

- Milestone XProtect Corporate 2021 R1

Issues Resolved

- **H.265 Video Streaming:** Resolved an issue that prevented H.265 video streaming from working on some systems.

Known Issues

- **Persisted Connection:** Only one persisted connection can be online at a time. This affects a scenario where there are multiple Milestone Recorders configured in Integriti with Persisted Connection enabled. In this case the persisted connection for only one of the recorders will be connected to the Milestone VMS.

Version 2.10 – July 2021

Required Integriti Version License

Integriti Pro/Infiniti v20 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v19.0 or higher

SDK Version

Milestone MIPSDK 2021 R1

Tested Against

- Milestone XProtect Corporate 2021 R1

New Features

- **64-bit Integration:** Added support for Integriti's 64-bit Integration Server and Viewer. This allows for better performance and more memory being available for the plugin to work with.
The 64-bit Integration Server/Viewer will be used by default on Integriti v18.1 or higher. On older versions of Integriti the integration will use the previous 32-bit integration. No changes need to be made for upgrading systems to continue to work.
- **Snapshot Exporting:** Added support for exporting snapshots recorded on the Milestone NVR or the currently displayed frame. This exported footage can either be saved to a file, or saved to the Integriti Evidence Vault for use later.
- **Allow Secure Connection Only:** Added the ability to require a secure connection to the VMS from version 2021 R1.

Feature Updates

- **Review Event Categorisation:** Added better review categorisation of Milestone event types.
- **SDK:** Upgraded MIPSDK version used to 2021 R1.

Issues Resolved

- **Review Event Categorisation:** Certain events are no longer incorrectly categorised as Video Analytics.

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- **Video Viewer:** Changes to the camera configuration such as newly added PTZ presets are now applied when the video viewer is reopened.

Version 2.9 – September 2020

Required Integriti Version License

Integriti Pro/Infiniti v20 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v19.0 or higher

SDK Version

Milestone MIPSDK 2020 R2

Tested Against

- Milestone XProtect Corporate 2020 R3
- Milestone XProtect Corporate 2020 R2

Issues Resolved

- **License Plate Recognition:** Resolved issues that could result in LPR reads not being read correctly for some versions of the XProtect LPR Server.
- **Persisted Connection:** Persisted connections no longer time out connecting to slow Milestone Event Servers. If connecting to the Milestone Event Server times out, the persisted connection will now successfully start up, although events will not be received until the connection is initialised.

Version 2.8 – August 2020

Required Integriti Version License

Integriti Pro/Infiniti v20 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v19.0 or higher

SDK Version

Milestone MIPSDK 2020 R2

Tested Against

- Milestone XProtect Corporate 2020 R2

New Features

- **Command Invoker:**
 - Added a new “Add Alarm” command.
 - Added a new “Update Alarm” command.

Feature Updates

- **SDK:** Upgraded MIPSDK version used to 2020 R2.
- **Video Export:** Errors occurring when exporting CCTV Footage are now correctly shown in the error dialog, providing more specific information on why the export didn't work.

Issues Resolved

- **License Plate Recognition:** Resolved issue causing ‘Smart’ license plate recognition to not work correctly on versions of Integriti prior to v19.
- **Device State Monitor:** Resolved an issue that prevented the device states to update.
- **Refresh Child Devices:** Resolved an issue that could result in duplicate Cameras being added to Integriti where Cameras are present in multiple Milestone groups. NOTE: On Integriti v20.0 and earlier, duplicate Cameras will need to be manually deleted for them to be removed.

Version 2.7 – April 2019

Important Notes

System Requirements

Any computer used to view video from the Integriti Milestone CCTV Plugin must have a graphics card that supports Direct3D.

Required Integriti Version License

Integriti Pro/Infiniti v19 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v18.0 or higher

SDK Version

Milestone MIPSDK 2019 R1

Tested Against

- Milestone XProtect Corporate 2018 R2

New Features

- **Video Exporting:** Added support for exporting videos and snapshots recorded on the Milestone NVR. This exported footage can either be saved to a file, or saved to the Integriti Evidence Vault for use later.
Exporting footage can be achieved in one of the following ways:
 - When viewing video footage, the export button allows footage to be manually exported to a specified location.
 - Right clicking on a CCTV Camera, or an associated Entity or Review Record and selecting the 'Add Evidence to Vault' button will export footage from all associated cameras to the Evidence Vault.
 - The 'Save Evidence to Vault' task action allows footage to be exported from associated Cameras and saved to the Evidence Vault automatically on an event occurring.NOTE: Video Export requires Integriti v19 or higher.

Feature Updates

- **SDK:** Upgraded MIPSDK version used to 2019 R1.
- **Event Filtering:** In Integriti v19 and higher, filtering of which events from the third party system are logged to Review is now done using Integriti's Review Categories. This allows Events to be filtered on a per device basis, rather than only in the Recorder's settings, and makes it easier to change the filter of multiple devices at the same time.

Issues Resolved

- **Invoke Command:** Resolved issue causing the 'Send to PTZ Preset' command to not work in some installations.

Version 2.6 – September 2018

Important Notes

System Requirements

Any computer used to view video from the Integriti Milestone CCTV Plugin must have a graphics card that supports Direct3D.

Required Integriti Version

Integriti Pro/Infiniti v17.0 or higher

SDK Version

Milestone MIPSDK 2018 R2

Tested Against

- Milestone XProtect Corporate 2018 R2

Issues Resolved

- **Video Streaming:** Resolved issue resulting in control buttons (PTZ, Playback, etc) not working from video streams on some systems. This would result in nothing happening when a button was pressed, i.e. when attempting to go to playback the stream would stay in live.

Version 2.5 – August 2018

Required Integriti Version

Integriti Pro/Infiniti v17.0 or higher

SDK Version

Milestone MIPSDK 2018 R2

Tested Against

- Milestone XProtect Corporate 2018 R2

Feature Updates

- **Event Monitoring:** Added the ability to receive only LPR or state change events from Milestone without receiving all other events. This can be achieved by enabling LPR Events and/or state change events, and disabling 'Monitor Events'.
- **SDK:** Upgraded MIPSDK version used to 2018 R2

Issues Resolved

- **Video Streaming:** Resolved error preventing viewing video streams from cameras on Integriti v18.1 and higher.
- **Plugin Start-up:** Resolved potential integration server crash on start-up when running the plugin on a computer with an incompatible graphics card (See Important Notes).

Version 2.4 – April 2018

Required Integriti Version

Integriti Pro/Infiniti v17.0 or higher

SDK Version

Milestone MIPS SDK 2018 R1

Tested Against

- Milestone XProtect Professional 2016
- Milestone XProtect Corporate 2017 R3

Feature Updates

- **SDK:** Upgraded MIPS SDK version used
- **Installer:** Reduced the size of the plugin's installer

Known Issues

- **Video Streaming:** Streaming video from Cameras in Integriti using the Milestone CCTV Plugin will not work in Integriti v18.1 or higher when using Milestone CCTV Plugin v2.4 or lower.
Update the Milestone CCTV Plugin to v2.5 or higher to resolve this issue.

Version 2.3 – March 2018

Required Integriti Version

Integriti Pro/Infiniti v17.0 or higher

SDK Version

Milestone MIPS SDK 2016 R3

Tested Against

- Milestone XProtect Profession 2016
- Milestone XProtect Corporate 2017 R3

Issues Resolved

- **SDK:** Downgraded SDK version to fix compatibility issues with some versions of XProtect

Version 2.2 – March 2018

Required Integriti Version

Integriti Pro/Infiniti v17.0 or higher

SDK Version

Milestone MIPSDK 2017 R3

Tested Against

- Milestone XProtect Profession 2016
- Milestone XProtect Corporate 2017 R3

New Features

- **License Plate Recognition:** Added support for License Plate Recognition from Milestone XProtect – Built in LPR functionality requires Integriti Pro v18 or higher and the License Plate Recognition license.
- **PTZ:** Added support for using the mouse to control PTZ from supported cameras.

Feature Updates

- **SDK:** Upgraded MIPSDK version used.

Issues Resolved

- **Playback:** Resolved issue that resulted in playback commands being sent to all open video streams on the current client rather than just the selected stream.
- **Video Streaming:** Resolved issue preventing the live indicator overlay from being disabled in some circumstances