



INTEGRITI GENETEC CCTV INTEGRATION RELEASE NOTES



**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.**

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Integriti Genetec 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 2.4 – September 2024

Important Notes

Genetec Licensing

Use of the Integriti Genetec CCTV plugin requires that the Genetec Security Centre license has at least 2 Integriti certificates (part number 'GSC-1SDK-INNERRANGE-Integriti') for a connection to be possible.

Genetec licensing requires 1 Integriti certificate for each Integriti Integration server instance that will be connecting the Genetec server, and 1 Integriti certificate for each Integriti client that will be streaming video from the Genetec server.

Please talk to your Genetec distributor for more details on adding Integriti certificates to a Genetec Security Centre license.

Minimum Windows OS Version

The Genetec CCTV Plugin requires a Windows OS version of Windows 8 or higher to run the integration.

Required Integriti Version License

Integriti Pro/Infiniti v23 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v22.1 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

Genetec Security Center SDK v5.9

Tested Against

Genetec Security Center v5.11.2.0 (2092.13)

Issues Resolved

- **Connection:** Resolved an issue that caused a 'Failed' error code when connecting to Genetec Security Center when running on Integriti v24.0 or higher.
- **Video Viewer:** The Visual C++ Redistributable for Visual Studio 2010 is now automatically installed if necessary. This resolved an issue where the video viewer did not show video on some versions of Windows.

Past Releases

Version 2.3 – July 2023

Important Notes

Genetec Licensing

Use of the Integriti Genetec CCTV plugin requires that the Genetec Security Centre license has at least 2 Integriti certificates (part number 'GSC-1SDK-INNERRANGE-Integriti') for a connection to be possible.

Genetec licensing requires 1 Integriti certificate for each Integriti Integration server instance that will be connecting the Genetec server, and 1 Integriti certificate for each Integriti client that will be streaming video from the Genetec server.

Please talk to your Genetec distributor for more details on adding Integriti certificates to a Genetec Security Centre license.

Minimum Windows OS Version

The Genetec CCTV Plugin requires a Windows OS version of Windows 8 or higher to run the integration.

Required Integriti Version License

Integriti Pro/Infiniti v22 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v22.1 or higher

Note: This release of the integration is not compatible with Integriti v24.0 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

Genetec Security Center SDK v5.9

Tested Against

Genetec Security Center v5.11.2.0 (2092.13)

New Features

- **Video Viewer:** Added the ability to stream audio if it is enabled for the camera.
- **Video Export:** Added Export Video and Export Current Frame from the video viewer.

Feature Updates

- **SDK Update:** Updated Genetec Security Center SDK to version 5.9.
- **Connection Details:** Added the option to accept a self-signed or otherwise untrusted directory certificate. The expected certificate thumbprint may be specified.
- **Persisted Connection:** More details will now be shown in Integriti when an error occurs logging in to the server.
- **PTZ:** Preset and tour names will now be displayed in the video viewer.

Issues Resolved

- **Review Events:** Resolved an issue that caused an `IndexOutOfRangeException` login failure when logging in on some server versions.
- **Video Viewer:** Corrected an issue preventing the video viewer from correctly updating based on the camera's capabilities and PTZ preset and tour names from being displayed.

Version 2.2 – March 2021

Important Notes

Genetec Licensing

Use of the Integriti Genetec CCTV plugin requires that the Genetec Security Centre license has at least 2 Integriti certificates (part number 'GSC-1SDK-INNERRANGE-Integriti') for a connection to be possible.

Genetec licensing requires 1 Integriti certificate for each Integriti Integration server instance that will be connecting the Genetec server, and 1 Integriti certificate for each Integriti client that will be streaming video from the Genetec server.

Please talk to your Genetec distributor for more details on adding Integriti certificates to a Genetec Security Centre license.

Minimum Windows OS Version

The Genetec CCTV Plugin requires a Windows OS version of Windows 8 or higher to run the integration.

Required Integriti Version License

Integriti Pro/Infiniti v20 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v19.0 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

Genetec SDK v5.7

Tested Against

Genetec Security Center V5.9.4.0 (580.32)

Issues Resolved

- **Genetec Certificate:** The 'GSC-1SDK-INNERRANGE-Integriti' Certificate is now correctly used by the Integriti Genetec CCTV integration.

Version 2.1 – June 2020

Required Integriti Version License

Integriti Pro/Infiniti v19 license

Minimum Installed Integriti Version

Integriti Pro/Infiniti v18.0 or higher

SDK Version

Genetec SDK v5.7

Tested Against

Genetec Security Center V5.9.0.0 (167.90)

New Features

- License Plate Recognition:** Added support for receiving License Plate Recognition events from supported Cameras. When a license plate is detected by a camera a Review Record will be generating containing the license plate that was recognised, and associated with the source Camera.
 On Integriti v18 or higher, with the addition of the License Plate Recognition license, the LPR integration is taken a step further, allowing a license plate being recognised to trigger a Card badge at a chosen Integriti Door for the User associated with the license plate. This adds the ability to use a license plate as a Credential in Integriti, with each license plate being associated to the given User as a Card with a format of License Plate. This provides all of the benefits of using Cards in Integriti, including restricting access based on a User's permissions, access logging, and reporting.
 The built in license plate recognition is enabled on a per-camera basis, with the automatic card badging only being triggered on enabled Cameras, at a Door or Reader configured in the Camera itself.
 License Plate events will automatically be logged by default for new and upgrading systems; however the LPR as a Credential functionality needs to be manually enabled. See the Integriti CCTV Manual for details on configuring this feature.
- Video Viewer:** Added support for retrieving and displaying camera PTZ capabilities.

Issues Resolved

Invoke Command: Resolved an issue preventing the 'Send Camera to Preset' and 'Run Tour on a Camera' commands working correctly. Also, resolved an issue where wrong commands were listed for a given device type.

Version 2.0 – September 2018

Important Notes

Minimum Windows OS Version

The Genetec CCTV Plugin requires a Windows OS version of Windows 8 or higher to run the integration.

Required Integriti Version

Integriti Pro/Infiniti v17.0 or higher

SDK Version

Genetec SDK v5.7

Tested Against

Genetec Security Center V5.7

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.
- **Event Monitoring:** Review Records generated from the integration now specify categories specific to the event type.
This allows for these Review Records to be easily filtered by the Review Category filter in the Review list in Integriti, as well as making triggers easier to configure.
Using the new Review Categories it is possible to filter down to a specific type of event type, for example all Motion events, without the need for a text filter.
- **Commands:** Added 'Send Camera To PTZ Preset' command.
- **Commands:** Added 'Start Ptz Pattern On Camera' command.

Feature Updates

- **SDK:** Updated to use Genetec SDK v5.7.
- **Integriti Version:** The Genetec integration now requires an Integriti version of 17 or higher.
- **Event Monitoring:** Improved Review messages generated by events occurring in the Genetec system to contain more detail, while making the key information about the event clearer.

- **Error/Debug Logging:** Improved the logging of errors occurring in the integration to contain more details and increased the number of debug logs that are generated to aid in resolving any issues occurring in the integration.

Version 1.7 – September 2017

Required Integriti Version

Integriti Pro/Infiniti v16.0 or higher

SDK Version

Genetec SDK v5.2

Tested Against

Genetec Security Centre v5.2

Feature Updates

- **Error/Debug Logging:** Improved the logging of errors occurring in the integration to contain more details and increased the number of debug logs that are generated to aid in resolving any issues occurring in the integration.

Version 1.6 – January 2016

Required Integriti Version

Integriti Pro/Infiniti v4.0 or higher

SDK Version

Genetec SDK v5.2

Tested Against

Genetec Security Centre v5.2

Feature Updates

- **Configuration:** Alphabetised lists of event types in Recorder settings to make individual event types easier to find
- **Error/Debug Logging:** Improved the logging of errors occurring in the integration to contain more details and increased the number of debug logs that are generated to aid in resolving any issues occurring in the integration.

Issues Resolved

- **Persisted Connection:** Fixed bug resulting in connections to DVRs/NVRs persisting in the background when 'Maintain Persisted Connection' was disabled. This would cause the integration to use up an extra certificate for the Integration server, even when the persisted connection wasn't enabled.
- **Server Connection:** Fixed an issue resulting in old connection settings being used when connecting to the server after the Recorder settings had been changed.

Version 1.5 – September 2015

Required Integriti Version

Integriti Pro/Infiniti v4.0 or higher

SDK Version

Genetec SDK v5.2

Tested Against

Genetec Security Centre v5.2

Feature Updates

- **Error/Debug Logging:** Improved the logging of errors occurring in the integration to contain more details and increased the number of debug logs that are generated to aid in resolving any issues occurring in the integration.

Issues Resolved

- **Persisted connection:** Fixed an issue that could cause the event filter from the Recorder configuration to not be applied correctly to the events received in some scenarios.
- **Persisted connection:** Fixed issue that resulted in Camera state monitoring not running if event monitoring was disabled.

Version 1.4 – August 2015

Required Integriti Version

Integriti Pro/Infiniti v4.0 or higher

SDK Version

Genetec SDK v5.2

SDK Version

Genetec SDK v5.2

Feature Updates

- **SDK:** Updated to use Genetec SDK v5.2.