INTEGRITI GEUTEBRÜCK GCORE CCTV INTEGRATION

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Integriti Geutebrück GCore CCTV Integration

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CCTV Capabilities

Core CCTV Capabilities

Feature	Feature Description	Ver	Y/N
Stream Live CCTV Footage	Live CCTV footage can be streamed from online cameras in the CCTV system to an Integriti client.	18	✔
Select Custom Aspect Ratio	Select the aspect ratio to use when streaming CCTV footage on a per-camera or per-recorder basis.	18	✔
Stream Archived CCTV Footage	Archived CCTV footage can be streamed from online cameras in the CCTV system to an Integriti client.	18	✔
Control Archived CCTV Playback Speed	Playback speed of archived CCTV footage can be controlled from the Integriti client.	18	✔
Auto-Play CCTV Footage from Events	Live or archived CCTV footage can be configured to be automatically displayed when an event occurs in the Integriti System on a specific client workstation.	18	✔
Create Child Devices from Camera Configuration	Child CCTV Cameras will be created based on the Camera configuration on Refreshing Child Devices	18	✔
Associate Cameras With Entities	Cameras loaded from the CCTV system can be associated with Integriti Entities to allow direct control of one from the other.	18	✔
Show Associated CCTV From Event	Associated CCTV Footage can be directly accessed and viewed from any event occurring in Integriti that has an associated Camera (either a direct association or through the Entity that triggered the event)	18	✔
Control PTZ Cameras	Send PTZ commands to support cameras on the CCTV system to control the Pan, Tilt and Zoom of the camera directly from the video stream.	18	✔
Send Cameras to PTZ Preset	Send supported PTZ cameras on the CCTV system to preconfigured PTZ presets directly from the video stream.	18	✔
Digital PTZ Control	Digitally zoom the CCTV stream's image for non-PTZ cameras and archived footage.	18	✔

Feature	Feature Description	Ver	Y/N
CCTV Layouts	Store a collection of Cameras with an specific viewer layout to be brought up at a later point in time	20	✓
CCTV Surrounding Cameras View	Show a selected camera, as well as the cameras configured to be N, NE, E, SE, S, SW, W and NW of the selected camera, quickly jumping between surrounding streams directly from the view.	20	✓
Trigger Actions in the CCTV System	Trigger actions or commands in the CCTV system directly from Integriti.	18	✓
View and Control Cameras on Schematics	Cameras can be added to Schematics Maps in Integriti and directly viewed and controlled directly from the Schematic. Each camera's state is immediately visible on the Schematic where available.	18	✓
Sync Time (via NTP)	Sync the time of the CCTV system and Integriti to match via an NTP.	18	✓
Display Connection Status to CCTV System	Display whether or not Integriti is currently connected to the CCTV system.	18	✓
Receive Events/Alarms from the CCTV System	Log events/alarms occurring on the CCTV system to Integriti's Review.	18	✓
Trigger Integriti Actions on CCTV Events/Alarms	Trigger actions to automatically occur in Integriti whenever specific events/alarms are received from the CCTV system.	18	✓
Generate Alerts from CCTV Events/Alarms	Automatically generate and restore Alerts tied to a specific Camera in Integriti whenever specific events/alarms are received from the CCTV system.	19	✓

Advanced CCTV Capabilities

Feature	Feature Description	Ver	Y/N
Automatically Load Camera Configuration	Refreshing Child Devices will automatically populate all cameras configured in the CCTV System into Integriti when run. If not supported, camera configuration will need to be manually entered into Integriti.	18	✔
64-bit Integration Server Support	The integration supports being run on the 64-bit integration server.	18	✔
Show Camera Status	The current online/offline status of configured cameras will be visible directly through Integriti.	18	✔
Categorised Review Records	Review generated by the integration will have a different category for different event types, allowing for easy filtering of specific CCTV events	19	✔
License Plate Recognition	License plates recognised by supported cameras in the CCTV system can be used to automatically allow access to configured Doors.	18	✔
Trigger Inputs on CCTV Event	Inputs in Integriti can be automatically triggered and restored when specified types of events are received from the CCTV system.	19	✔
Control Iris and Focus	Control the iris and focus of supported cameras on the CCTV system directly from the video stream	18	✔
Control PTZ Tours	PTZ Tours can be started and stopped directly from the video stream.	18	✖
Display Video Frame Times	When viewing archived CCTV footage, the time of the current frame will be displayed on the viewer control.	18	✖
Show On-Screen Display	Enable additional information (such as camera name and current playback time) to be displayed as an overlay on video streams.	18	✔
Reverse Playback	When viewing archived CCTV footage, the footage can be played in reverse.	18	✔
Step Forward/Backward	When viewing archived CCTV footage, the footage can be stepped through one frame at a time.	18	✔
Export CCTV Clips	Export video clip of archived CCTV footage to the Evidence Vault or to a file directly from Integriti.	19	✔

Feature	Feature Description	Ver	Y/N
Export CCTV Snapshots	Export still snapshot of archived CCTV footage to the Evidence Vault or to a file directly from Integriti.	19	✖
Export Current Frame	Export still snapshot of the current frame in the CCTV Viewer to the Evidence Vault or to a file directly from the CCTV Viewer.	20	✔
Stream Audio With Video	Receive audio from the microphone on a supported CCTV camera through an Integriti client workstation	18	✖
Send Audio to CCTV Camera	Send audio from an Integriti client workstation out of the speakers on a supported CCTV camera.	18	✖

Integriti Geutebrück GCore CCTV Integration Compatibility

Required Integriti Version License

The Integriti Geutebrück GCore CCTV Integration requires an Integriti Pro/Infiniti v21 license or higher to be present on the product key running the integration.

Minimum Installed Integriti Version

The Integriti Geutebrück GCore CCTV integration is only compatible with an installation of Integriti Pro or Infiniti that is v21.1 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.

Tested Against

The Integriti Geutebrück GCore CCTV plugin was built and tested against the following versions of software:
- Geutebrück GCore Server v6.0.0.49

Configuration

Ports Used

The following port on the server side is used for communication between the Integriti Geutebrück GCore CCTV Integration and the Geutebrück GCore server. This port should be configured in the Integriti Integration Server and any Integriti Client Machine's firewalls to allow the integration to be used.

- TCP port 13003

Connection Configuration

Configuration	
⌄ Integration Configuration	**sysadmin@1.2.3.4**
⌄ Connection	
Address	**1.2.3.4**
Login Name	**sysadmin**
Password	*********
⌄ Logging	
Log Verbosity	**Debug**
⌄ Overlays	
Show Timestamp	☑
⌄ PTZ Control	
Default Pan/Tilt Speed	**15**
Default Zoom Speed	**100**
Default Focus Speed	**15**
⌄ Export	
Export Video File Format	**MP4**
Export Frame File Format	**JPEG; high quality**

Connection

Address – The IP Address of the Server to connect to.
User Name – The Username of the Geutebrück GCore User to connect to the Server with. This User should have sufficient permissions configured in Geutebrück GCore to allow all of the features of the plugin to be used.
Password - The Password of the Geutebrück GCore User to connect to the Server with.

Logging

Log Verbosity – Only logs of the specified level or higher will be logged. If Warning is selected, only Warning, Error and Fatal logs will be written to the log.

Overlays

Show Timestamp – Set to true to add an overlay containing the current Timestamp of the currently playing video stream to any video streams opened for child Cameras of this Recorder.

PTZ Control

Default Pan/Tilt Speed – Select the default speed of Pan and Tilt PTZ Operations.
Default Zoom Speed – Select the default speed of Zoom PTZ Operations.
Default Focus Speed – Select the default speed of Focus PTZ Operations.

Export

Export Video File Format – Select the file format to be used for exported video clips.
Export Frame File Format – Select the file format to be used for exported video frames.

Commands

CCTV Recorder Commands

The following commands can be performed on a CCTV Recorder:

Control Event	Either Starts or Stops the selected Geutebrück Event. Prior to invoking this command it is necessary to select 'Refresh Device' from the Geutebrück GCore Recorder's settings in System Designer in order to populate the list of Events from Geutebrück.
Send Custom Action	Allows a custom action to be triggered in the Geutebrück GCore system. The int and string parameters may be specified to send any desired information to Geutebrück along with the Action.
Send Action	Allows any Action supported by the Geutebrück GCore system to be sent to the server and trigger the corresponding Action. Action Description must be in the format 'CustomAction(1,"test")'.

CCTV Camera Commands

The following commands can be performed on a CCTV Camera:

Send Camera To Ptz Preset	Sends the selected Camera to the PTZ Preset with the 'PTZ Id' given. The selected Camera must be online at the time the command is sent and have a PTZ Preset configured with the given Id for this command to work.