



From

BT-VS/PRM-SBP

Product Management

Nuremberg

11.09.2025

Release Letter

Product:	<i>Bosch Plug-in Suite for Genetec Security Center</i>
Version:	<i>2.2.1</i>

This letter contains the latest information about the above-mentioned software. Newly added information is written in a [blue font](#).

1 General

The Bosch Plug-in Suite comprised multiple plug-ins or extensions for the Genetec Security Center, which allow to extend the capabilities and usability of the comprised solution. The current version of the Plug-in Suite contains the Forensic Search Plug-in and the Ease of Configuration Plug-in.

Additional information about the Bosch Plug-in Suite can be found online in the Knowledge Base here:

<https://knowledge.keenfinity-group.com/video-systems/article/what-is-the-bosch-plug-in-suite-for-genetec>

General help and information about Bosch and Genetec integration is also provided in the Knowledge Base here:

<https://knowledge.keenfinity-group.com/video-systems/article/genetec>.

2 Features

2.1 Forensic Search Plug-in (including attribute-based search)

The following features are available under the 'Investigations' section in Security Center:

- Retrospectively investigate incidents that you were not aware at the fact.

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- Supports all Bosch IVA rules applicable to the forensic search.
- Interactive timeline representation of the search results.
- Further investigate search results through bookmarking or CSV export.
- Search for persons and vehicles based on attributes.
- Search for Personal Protective Equipment (PPE).
- Search for similar objects based on previous results.
- Full CSV export of all available attributes.

2.2 LPR Ingestion (installed with the Forensic Search Plug-in)

- LPR ingestion integration with Genetec ALPR plugin.
 - As part of the metadata processing the plugin can report license plate reads to Genetec's LPR plugin for further processing.
 - This setup needs an additional Genetec license (*Genetec Third Party ALPR Camera Connection*).
 - Additionally, the ALPR plugin from Genetec needs to be installed.

Additional setup information is available here: <https://knowledge.keenfinity-group.com/video-systems/article/how-to-setup-the-bosch-lpr-ingestion-using-the-genetec-alpr-plugin>

2.3 Ease of Configuration Plug-in

- Access the camera's IVA configuration in the Genetec Config Tool.
- Fully configure the camera's analytic setup through the Genetec Config Tool.
- Direct access to dedicated camera firmware web-pages with the corresponding user privileges:
 - *Modify video units properties* and
 - *Modify camera properties*

Note: The settings provided by the web-page may be overwritten or interfere with Security Center settings. The camera settings are applied immediately. Be aware of these limitations.

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3 Versions

- **2.2.1: Maintenance update**
 - Fixes a bug that appeared when cameras with the LPR license were processed
 - Fixes an issue where scrolling in hosted firmware webpages was not possible
 - Removes the need of a Bosch Root CA in the trusted certificate store for component validation
- **2.2.0: Feature update**
 - Adds improvements to the Forensic Search plug-in (including LPR ingestion)
 - Adds direct FW web-page access to the video unit configuration
- **2.1.1: Maintenance update**
 - Fixes sorting the camera tree to resemble Genetec's sorting
 - Fixes in forensic search with bigger camera configuration data
- **2.1.0: Feature update**
 - Ease of Configuration Plug-In
 - Adds support for cameras running FW 9.40
 - Forensic Search Plug-In
 - Adds support for FW 9.40
 - Adds support for a DB based attribute search in combination with Bosch cameras and licensed IVA Pro packs
- **2.0.1: Maintenance update**
 - Fixes incompatibilities with Security Center 5.12.2
 - After an upgrade of SC to version 5.12.2 the plugins stopped working. The version 2.0.1 fixes these incompatibilities.
 - Supported Security Center versions with this Plugin Suite release:
 - 5.12.2 and above
 - 5.11.3.5 and above
- **2.0.0: Major feature update and bugfixes**
 - Ease of Configuration Plug-in
 - Adds initial support for the analytic configuration of Bosch intelligent cameras through the Genetec Config Tool.
 - Forensic Search Plug-in
 - Fixes a bug with the configuration window that caused the configuration search to be executed multiple times.
 - Fixes a bug with the error handling on systems with a non-English localization.
- **1.2.0: Minor updates**
 - Adds support for forensic search execution across more complex Genetec system architectures (e.g., "Federation").

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- Adds support to store and recall commonly used searches.
 - Adds improved error handling and a 'per camera' overview on the search execution.
 - Updates configuration options to be able to also search for weapons forensically (in case the processed camera is capable of detecting weapons).
 - Adds a feature flag to reset the maximum number of search results displayed.
 - Extends the search results' details view by the date of the result.
- **1.1.1:** Bugfixes and minor updates
 - Fixes an issue with certain characters in the searched rules in the case of bookmarking the results.
 - Fixes an issue with displaying cameras in the 'Area View'.
 - Fixes an issue with 32bit 'Security Desk'.
 - Implements a Bosch-style camera tree including a camera search field.
- **1.0.2:** Bugfix release
 - Fixes an issue with certain Windows localizations.
 - Fixes an issue that led to a crash in conjunction with other plugins being installed on the same system.
 - Fixes an issue that occurred with duplicated Genetec database entries for the camera identifiers.
 - Fixes an issue where the camera tree of the Forensic Search was not loaded after a restart of Security Desk.
 - Fixes an issue where counter rules were not delivering any results.
- **1.0.0:** Initial release

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4 Restrictions, known issues

- **Forensic Search Plug-in**
 - The hybrid driver ['Other (CPP13 and newer)'] on SC 5.11 from device pack 11.3 and 11.4 need an addition archiver setting to record the Bosch-metadata stream appropriately for the forensic search to be functional. The advanced setting that is needed for the Archiver is: *BoschHybridDriverVcaMetadata=true*
 - *The above-mentioned limitation is no longer applicable for recent device packs such as 11.7 and above.*
 - To operate the plugin in **SC 5.11** (5.10) an additional free of charge license from Genetec is needed. The necessary license to be ordered from Genetec is: GSC-1SDK-BOSCH-PLUGINSUITE with 5 connections.
 - This additional license is included in the Genetec base license for recent software versions and does not need to be ordered separately.
 - A maximum of 10 cameras can be processed in parallel.
 - Support for license plate and make and model searches is only available with the following driver packs
 - 11.11 and newer for SC 5.11
 - 12.7 and newer for SC 5.12
 - 13.2 and newer for SC 5.13
- **The LPR Ingestion module** is currently (FW 9.41) **generating LPR** images in the LPR read. This is going change with future firmware releases once the license plate image and the context shot is included in the metadata stream.
- **Ease of Configuration Plug-in**
 - General remarks
 - The plug-in is utilizing a mechanism to access the cameras through the integration SDK for configuration. **SC 5.12.2** is needed for full support; with earlier versions the plug-in may request camera credentials for the configuration from the user because this mechanism is not (fully) available.
 - The camera trainer module is currently disabled.
 - The reference image retrieval for tamper detection depends on the network quality and may not work consistently.



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5 System Requirements

Minimum System Requirements	Description
Operating System	• Windows 10 • Windows 11
Genetec Security Center	• SC 5.11.3.5 and above (for SC 5.11 release) • SC 5.12.2 and above • 'Legacy (CPP7.3 and older)' driver or 'Other (CPP13 and newer)' driver from Device Pack 11.3 or above for forensic search support • SC 5.12.1 for native camera authentication support with the 'Other (CPP13 and newer)' driver • SC 5.12.2 for additional native camera authentication support with the 'Legacy' driver • Security Desk - 64bit
Camera	A Bosch analytics camera (with firmware version 6.32 or above), connected to the Genetec Security Center

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6 Appendix

6.1 Port usage

The external communication is handled via Genetec channels, and the Plug-in suite is not using any additional external ports.

6.2 Installation recommendations

The all-in-one installer comes with different installation features and a general distinction between server components and client components.

It is recommended to install the **server components** on the **Genetec Archivers** that own the cameras that should be managed with the plug-ins.

There are several reasons for this recommendation.

1. The 'ease of configuration plug-in' needs a direct communication channel to the camera the is configured and this the server plugin needs to reside as close as possible to the camera to avoid any impairments due to complex network topologies.
2. The Forensic Search plug-in and especially the attribute search service processes the incoming metadata in real time and stores the extracted data in a SQL database.
 - a. To avoid the distribution of the metadata stream in the whole network it is necessary that the server plugin resides on the archiver that is requesting the metadata stream.
 - b. For load balancing reasons it's also recommended to distribute the real-time processing of the metadata and thus keep the plug-in on the archiver that requests the metadata stream.

The **client components** need to be installed on the workstations that are supposed to host Config Tool or Security Desk. Currently (v2.2.0) the forensic search server component also needs to be present on the client machine – this will change in an upcoming release.

Note: In case some components are missing, especially when the plugin is upgraded, it is recommended to delete the 'Bosch.' installation files from: *C:\Program Data\Genetec Security Center\PluginInstallations\Plugins*