GEUTEBRÜCK GmbH / Im Nassen 7-9 / 53578 Windhagen

GEUTEBRÜCK

G-SIM Release Notes

Version 11.0.3

Can be installed with an upgrade entitlement expiry date after March 31, 2024.

15.06.2026

Type	Module	Description
Information	OpCon	Different typos and wordings were improved in the tab list of the OpCon.
Information	OpCon	The ViewerPlayModeChanged notification now includes the ChannelTime parameter again.
Improvement	ManCon	The loading performance of all side menu entity lists in the ManCon were improved.
Improvement	ManCon	Cameras can now be renamed to improve differentiation. This allows resolving duplicate names and channel numbers originating from different media sources. The name can be edited directly via double-click on the camera name.
Improvement	System Wide	Cookie usage in the G-SIM web browser is now enabled by default.
Improvement	OpCon	The alarm names and descriptions for DVR Maintenance Alarm and Possible DVR Failure Alarm have been changed. This change only applies to new installations, not updates. For new installations, DVR Maintenance Alarm becomes:Possible Agent Failureand the description becomesThe agent cannot be reached due to a network or hardware failure. Possible DVR Failure Alarm to:Possible Media Source Failureand the description to:The media source cannot be reached due to a network or hardware failure.
Bugfix	OpCon	The AppInstanceManager now does not block the OpCon from restarting any longer.
Bugfix	OpCon	If a tour is configured defining a specified time range for a camera, all newly added cameras will apply this timerange as well.
Bugfix	OpCon	If a camera group with no cameras defined in it shall be displayed, now no camera is shown at all.
Bugfix	OpCon	If a higher amount of cameras is included into a tour, it is now also possible to save it.
Bugfix	OpCon	If a user does not have access to the timeline playback feature, the timeline and the tab area are now still visible.
Bugfix	OpCon	The alarm tab view now shows the alarm instance name in the tab header. Only if no instance name is defined, the template name is displayed.
Bugfix	System Wide	A client-side issue with the initial loading of a large number of camera reference images during the initial login. The initial login was blocked due to this issue, which was now fixed by adaptions of the loading procedure.
Bugfix	OpCon	A populated layout that is defined as a default site layout is now displayed as such in Opcon, rather than being shown as a linked layout.
Bugfix	OpCon	A cutlist created outside the cutlist tab (e.g. in alarms tab) can now be edited as well.
Bugfix	ReCon	After a failover and failback scenario, all cameras will now be automatically reconnected.
Bugfix	OpCon	Maximizing a viewer after connecting the camera now works smoothly again.
Bugfix	OpCon	A cut list can now be exported again even if an entry or a camera is removed from it.

Type	Module	Description
Bugfix	Server	The usage of MBTiles archives was improved to handle pre-rendered raster archive files with a zoom level of 18x and 20x.
Bugfix	Global	A newly configured G-SIM Global server will not crash any longer if another G-SIM Global server is added to the G-SIM setup.
Bugfix	OpCon	The export of video footage from replicated servers is now working again.
Bugfix	OpCon/ReCon	The G-Core action "ViewerConnectLive" in combination with OpCon and ReCon is working again.
Bugfix	System Wide	The restrictions logic has been corrected so that “Allow Selected Items” is now processed correctly and the corresponding alarms are shown in ReCon.
Bugfix	OpCon	Triggering layouts via map objects now works reliably across repeated use.
Bugfix	OpCon	All relevant cameras are now fully displayed when filtering by alarms, ensuring a consistent view between the camera and alarm sections.
Bugfix	OpCon	The numeric keypad now works again when entering notes in the cut list.
Bugfix	OpCon	Now the alarm name is shown in the secondary language if it is defined in the alarm configuration and triggered alike.
Bugfix	OpCon	If an alarm is simulated, it now shows up a marker in brackets behind the alarm name like done in G-SIM 10.
Bugfix	OpCon	If multiple events are used in a process data search filter and some or even all of them fill share the same database field, the filter output only the relevant field related to the triggered event.
Bugfix	OpCon	The OpCon startup on a fresh installation was adapted. If no configuration was entered and the OpCon gets closed or the initial configuration process was canceled, the OpCon will stay closed afterwards and does not restart the whole time.
Bugfix	Installer	If a folder created by the installer is removed and newly created by OpCon or ManCon, it always gets the [Everyone] permission.
Bugfix	OpCon	Re-viewing an already completed alarm, now the configured viewing type is used for showing the related video.
Bugfix	OpCon	Querying data using multiple filters now shows the correct amount of resulting process data.
Bugfix	OpCon	The main map is now accessable via the "Home" button in the Site menu even if the user is restricted to view only specific sites by the option "Allow selected items".
Bugfix	OpCon	Reports are now displayed and exported correctly, including when using 4K monitors. Layout and scaling remain consistent and clearly readable.
Bugfix	OpCon	It is now possible to trigger Blockingfilters and I/O contacts with G-SIM 12 map objects as well.
Bugfix	Server	Handling of DAS requests has been improved. Server data is now only processed when a valid server ID exists, preventing errors.
Bugfix	Server	Connection stability has been improved, ensuring that agents register only after the G-SIM server has been fully initialized.

Software & Hardware Requirements

The following table shows the recommended minimum requirements for servers and clients of our software.
Due to the wide range of possible applications and use cases, additional factors may have to be taken into account that influence the system requirements.
Should further factors apply to your system, please contact Geutebrück GmbH to validate the requirements of your system.
It should be noted that bug fix versions are included in the respective major version (e.g., 10.2.2 in 10.x).

Network Bandwidth
All listed software requires a minimum Ethernet network bandwidth of 1 Gbit/s.
Depending on system size and use case, higher bandwidth may be necessary.

Addition to the DVSP8 driver:
The DVSP8 driver only works on Windows 10 without Secure Boot. That is because of the Microsoft driver signature.
The signature is limited to Oct. 2030. That means the driver won't work after Oct. 2030 any longer event under Windows 10 w/o Secure Boot.
The DVSP8 driver is no longer contained in the G-Core installer as of version 9.0. For G-Core 9.0 there is a separate DVSP8 installer available.

Further notes:
[1]For larger projects, it is essential to analyse the general conditions under which the system is operated on an individual basis.
For projects of this nature, it is recommended that a Windows server OS, a standard SQL server, a server CPU and additional RAM be used.
Should you require further recommendations or specifications, please contact the Pre-Sales team from Geutebrück GmbH directly.
[2]Only in case BWC (BodyWornCamera Integration) is used on the respective G-Core server.

G-Core

	Memory	Free Space	Recom. CPU	MS .Net Framework	MS .Net	VC++ Redist	Windows Media Player Feature
G-Core Server							
G-Core 8	8GB	50GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	6.0	2010 for G-Web, 2015-2022	-
G-Core 9	8GB	50GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	8.0 and 6.0[2]	2010 for G-Web, 2015-2022	-
G-Core 9.1	8GB	50GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	10.0 and 6.0[2]	2010 for G-Web, 2015-2022	-
G-Core Client							
G-Core 8	8GB	5GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	-	2015-2022	x
G-Core 9/9.1	8GB	5GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	-	2015-2022	x
G-Core Web API							
1.5/1.59/2.0	8GB	10GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	3.5 + 4.6.1	6.0	2015-2022	-

G-SIM

	Memory	Free Space	Recom. CPU	MS .Net Framework	MS .Net	VC++ Redist	Windows Media Player Feature
G-SIM Server[1]							
G-SIM 10/11/12	16GB	80GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	-	2015-2022	-
G-SIM Server with Global							
G-SIM 10/11/12	32GB	100GB	12th Gen Intel Core i7 with 4 Cores (or equivalent/higher)	4.8	-	2015-2022	-
G-SIM Client							
G-SIM 10/11/12	16GB	8GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	6.0 (only if SAML is used)	2015-2022	x
G-SIM Web API							
3.0	16GB	10GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	-	6.0	-	-

G-Connect

	Memory	Free Space	Recom. CPU	MS .Net Framework	MS .Net	VC++ Redist	Windows Media Player Feature
G-Connect							
6.1.1/7.0	4GB	500MB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	8.0 + Standard 2.0	2015-2022	-

Plugin Loader

	Memory	Free Space	Recom. CPU	MS .Net Framework	MS .Net	VC++ Redist	Windows Media Player Feature
Plugin Loader							
1.0/1.2/1.3	8GB	10GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	-	8.0	-	-
1.5	8GB	10GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	-	10.0	-	-

Microsoft Support

This table provides an overview of Windows versions that have been tested with the major versions of our software listed. We recommend using one of the Windows versions listed here. Should this version no longer be supported by Microsoft, we would suggest using a more recent version that has been tested by us. It should be noted that bug fix versions are included in the respective major version (e.g., 10.2.2 in 10.x).

It is imperative to use graphics drivers that are compatible with the Windows version in use. For more information, please visit the Intel website. Please also note that security vulnerabilities caused by outdated operating systems are not covered by our support.

G-Core

	Windows 10				Windows 11					Windows Server				Microsoft SQL					
	22H2	LTSB 2016	LTSC 2019	LTSC 2021	22H2	23H2	24H2	25H2	LTSC 2024	2016	2019	2022	2025	2014	2016	2017	2019	2022	2025
G-Core Server																			
G-Core 6	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	No	No	No
G-Core 7	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	Yes	No	No
G-Core 8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No
G-Core 9	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
G-Core Client																			
G-Core 6	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	N.A	N.A	N.A	N.A	N.A	N.A
G-Core 7	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	N.A	N.A	N.A	N.A	N.A	N.A
G-Core 8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	N.A	N.A	N.A	N.A	N.A	N.A
G-Core 9	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	N.A	N.A	N.A	N.A	N.A	N.A

G-SIM

	Windows 10				Windows 11					Windows Server				Microsoft SQL					
	22H2	LTSB 2016	LTSC 2019	LTSC 2021	22H2	23H2	24H2	25H2	LTSC 2024	2016	2019	2022	2025	2014	2016	2017	2019	2022	2025
G-SIM Server																			
G-SIM 10	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	Yes	No	No
G-SIM 11	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No
G-SIM 12	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
G-SIM Server with Global																			
G-SIM 10	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	Yes	No	No
G-SIM 11	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No
G-SIM 12	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
G-SIM Client																			
G-SIM 10	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	N.A					
G-SIM 11	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes						
G-SIM 12	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes						

G-Connect

	Windows 10				Windows 11					Windows Server				Microsoft SQL					
	22H2	LTSB 2016	LTSC 2019	LTSC 2021	22H2	23H2	24H2	25H2	LTSC 2024	2016	2019	2022	2025	2014	2016	2017	2019	2022	2025
G-Connect																			
6.1.1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes
7.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Compatibility Overview

This overview provides a comprehensive view of our current interfaces and their dependencies on other products.
Furthermore, it shows the compatibilities between the currently supported G-SIM and G-Core versions.
In both cases, it is recommended that you use current product versions with their supported compatibilities as shown. Otherwise, not all features and functionalities could be guaranteed. It should be noted that bug fix versions are included in the respective major version (e.g., 10.2.2 in 10.x).

Further notes:

[1]Only with version G-Core 8.3

	G-Core Web API			G-Connect		Plugin Loader				G-SIM				G-SIM Web API
	1.5	1.5.9	V2.0	6.1.1	7.0	1.0	1.2	1.3	1.5	10.x	11.x	12.0	12.0.1	3.0
G-Core														
G-Core 6	No	No	No	Yes	Yes	No	No	No	No	Yes	No	No	No	-
G-Core 7	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No	-
G-Core 8	No	No	Yes	Yes	Yes	No	Yes	Yes[1]	No	Yes	Yes	Yes	No	-
G-Core 9	No	No	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	-
G-Core 9.1	No	No	Yes	Yes	Yes	No	No	No	Yes	No	No	Yes	Yes	-
G-SIM														
G-SIM 10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G-SIM 11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G-SIM 12	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
G-SIM 12.0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
G-Connect														
6.1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	No
7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes

GPU & Driver Overview for Hardware Decoding

We recommend the Intel graphic drivers in the table below for video rendering or decoding/encoding tasks.
This applies to our G-Core servers with activated VCA or the client software (G-View, OpCon & ReCon)
It is important to note that we are unable to guarantee functionality and performance without the use of recommended drivers on these systems.
As with any software, GPU drivers are subject to the risk of performance and stability issues with each new release. If a problem does arise, we recommend using a tested version.
For older hardware, it is necessary to disable the "Direct 3D-11 Rendering" setting. This can be done in the login settings of the OpCon or in the general settings of G-View.
It should be noted that these drivers are not necessarily part of the G-SIM or G-Core installer.

Product Collection	Processor Graphics	GPU Driver	DIRECT3D Rendering
12th Generation Intel® Core™	Intel® UHD Graphics 770	31.0.101.4091 (WIN 10 21H2)	V11
10th Generation Intel® Core™ i3	Intel® UHD Graphics 630	31.0.101.2115	None
9th Generation Intel® Core™ i3, i5, i7, i9 Processors	Intel® UHD Graphics 630 & P630		
8th Generation Intel® Core™ i3, i5, i7 Processors	Intel® UHD Graphics 630		
7th Generation Intel® Core™ i3, i5, i7 Processors	Intel® HD Graphics 630		
6th generation Intel® Core™ i3, i5, i7 Processors	Intel® HD Graphics 530		
Intel® Xeon® Processor E3 v6 Family	Intel® HD Graphics P630		
Intel® Celeron® Processor J Series	Intel® UHD Graphics 600		