GEUTEBRÜCK

G-Core
Software Version 4.2.2.44

Release Notes

GEUTEBRÜCK

Dear business partners,

In the course of an update from G-Core to non-Geutebrück hardware, we would like to point out that the following information must be observed and checked!

For regular Windows 10 installations Intel® has changed the driver model to so-called DCH drivers. These are distributed via the Windows Update and are no longer compatible with the Intel® drivers previously used, so-called legacy drivers. The installation of a DCH driver is not reversible.

The new DCH drivers are used with the following Windows versions:

- Windows 10 1709
- Windows 10 1803
- Windows 10 1809
- Windows Server 2019

If a driver with **version 25.20.100.6444** or newer is installed on one of these systems, it is most likely a DCH driver. The exact version can be checked on the Intel® homepage.

The Geutebrück G-Core Installer contains drivers that are installed on all HW platforms known to us. However, these are legacy drivers. If a legacy driver is installed on a system with new drivers, this can cause lasting damage to your system.

Installations that use Geutebrück hardware or a Geutebrück system image are not affected, as Geutebrück uses a Windows Embedded version (Windows 10 1607). This version does not support the Intel® DCH drivers, so the legacy drivers included in the installation can still be used without restrictions.

Why do Geutebrück install drivers?

Specially tested drivers are installed by us to ensure maximum operational reliability and performance on platforms known to us.

How do I proceed with the installation?

Geutebrück has adapted the G-Core installation to the extent that it checks whether Windows 10 1709/1803 or 1809 are installed on the system and warns the user accordingly, the installation of the Intel® drivers is automatically deselected.

In this case our software will use the already installed new DCH driver. Of course the GPU acceleration is also available with the DHC drivers. If you notice any abnormalities or are unsure about the performance, please contact our service department.

If necessary, the driver version must be checked manually to see if a legacy driver is installed. Only then may the legacy driver be downgraded by the Geutebrück installer by selecting the driver package in the installer.

What do I have to consider after installing with DCH drivers? As a general rule, if G-Core software is run on your own hardware and Windows installations, you must check how performance and memory consumption are represented and change when Windows updates are performed.

This applies to all Geutebrück products that use GPU Intel® acceleration.

Further information about the drivers can be found on the following page:

https://www.intel.com/content/www/us/en/support/articles/000031 275/graphics-drivers.html

If you have any questions, the Geutebrück team is at your disposal via the hotline or service@geutebrueck.com.

G-Core Release 4.2.2.44

New Feature G-Set G-Set - event recording settings The default settings for event recording are now taken from the mediachannel settings. New Feature G-Finder G-Finder - new version A new G-Finder version is included. The UI was completely rewritten. New Feature G-Set G-Set - UI provided G-Finder - network settings configuration over ONVIF Profile T cameras. ONVIF Profile T Cameras ONVIF Profile T cameras. ONVIF Profile T cameras ONVIF Profile T c	Software	Туре	Short Descreption	Detailled Descreption
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Bugfix LPR LPR - repeated recognition The same license plate can be recognized again after 30 seconds. The timespan can be set via a registry key. See the LPR documentation for more details. Bugfix Server VideoSyncfailed action fixed VideoSyncfailed action was send with an delay of 40 seconds. This problem is fixed now. The action is now triggered in the moment the connection is lost.	Bugfix	G-Set	G-Set - HDF export	Holidays can now be exported correct again.
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0,	Bugfix	LPR	LPR - repeated recognition	The same license plate can be recognized again after 30 seconds. The timespan can be set via a registry key. See the LPR documentation for more details.
Bugfix E4 plugin E4 cameras - streaming without root user Streaming of the E4 cameras is now possible with other users besides the root user. Controlling the stream is only possible with the root user.	Bugfix	Server	VideoSyncfailed action fixed	VideoSyncfailed action was send with an delay of 40 seconds. This problem is fixed now. The action is now triggered in the moment the connection is lost.
	Bugfix	E4 plugin	E4 cameras - streaming without root user	Streaming of the E4 cameras is now possible with other users besides the root user. Controlling the stream is only possible with the root user.

GEUTEBRÜCK

ONVIF S Profile and T Profile Features



Geutebrück supports the following features of the Onvif S Profile (Client) and the Onvif T Profile (Client) :

Features			
General		S	Т
System Settings		С	С
User Authentication	WS-Username Token	М	
	Digest Authentication	М	М
User Handling		С	С
Query Services and Capabilities		М	М
Device Discovery		С	М
Network Configuration		С	М
Zero configuration		С	
IP Address Filtering		С	
NTP		С	С
Media Profile Configuration		С	С
Media Transport (1)	RTP/UDP	М	М
(1)	RTP/RTSP/HTTP/ TCP	М	М
	RTP/RTSP/ HTTPS/TCP	М	С
	RTP/UDP Multicast	С	С
Video			
Video Streaming	MJPEG	М	
	MPEG4	С	
	H.264	С	М
	H.265		М
Video Encoder Configuration		М	М
Video Source Configuration		С	С
Media Profile Streaming Ready out of the box		С	М
Video Streaming	RTSP/RTP	М	М
Imaging Settings			М

Events		S	Т
Event Handling	Pull-point	M	M
Event Handling	Base-notification	M	1 1
Motion Alarm Events	Base Hotilleation	171	М
Tampering Event			М
Audio			141
Audio Streaming	G.711	С	С
	AAC	С	С
	G726	С	С
Audio Encoder			
Configuration		С	С
PTZ			
PTZ Move	Absolute	С	М
	Continuous	С	М
	Relative	С	
PTZ Presets		С	С
PTZ - Home Position		С	С
PTZ Configuration		С	С
Additional			
Relay Outputs		С	С
Auxiliary commands		С	С
Focus Control			С
Digital Inputs			С
Metadata Configuration		С	С
			<u> </u>

= Feature is supported.

= Feature is not supported.

Technical alterations reserved.