GEUTEBRÜCK

Security Information Management

G-SIM

The G-SIM management software is the ideal complement for managing and operating your G-Core systems. Maintain an overview of complex units, whether on-site or in globally distributed G-SIM installations. All information of your Geutebrück system and all third-party systems connected by interfaces are bundled, thus facilitating the management of your data.

- Maximum flexibility and scalability for networked operator stations
- Intuitive operation based on individually designed, layout-based user interfaces
- Full control over video streams for live and stored images
- Best possible overview through seamlessly integrated video wall solutions
- High reliability with the aid of sophisticated redundancy concepts
- Perfect data protection through flexible rights and group management and complete audit trail
- Cost-effective commissioning through intelligent configuration support with immediate plausibility check
- Uncomplicated control and data management of third-party systems connected via interfaces

The G-SIM main product is also available as a softdongle variant under article number 3.07135.

The current main installer (MUI) can be found in the download area on our portal.

Administration	The Management Console (ManCon) is used to manage all resources, functions, users and their authorizations in real time. Instant plausibility checks, multiple administrator access and simultaneous connections to multiple G-SIM servers support the efficient configuration of the system.
Alarm management	Any incoming alarm can be quickly and easily reviewed. Users can accept, edit or delegate and close the alarm. This enables a quick response.
Audit	The use of the system as well as changes in settings are logged in a central database and can be retrieved in the Operator Console. Thus, image and video exports and system-critical actions can be assigned to a user name and device.
User interfaces	The Operator Console (OpCon) is the main user interface for individual control, viewing and monitoring of video streams, site plans and resources. It is equipped with the appropriate permissions for the respective user or location. The Remote Console (ReCon) is the remotely controllable output console for use on monitor walls or external TV sets. It can be controlled by means of the Operator Console.
G-SIM Global	With the G-SIM/Global software option, multiple, independent G-SIM installations at geographically distributed locations are connected to form a global safety network. If required, any other system can be accessed from any local system, e.g. to set up substitution scenarios or search for process data.
Failover for the G-SIM Server	In the event that a G-SIM server fails, its functionality - e.g. rights, connections and functions - is taken over by a second server - the failover server. This minimizes potential downtime by restoring the system immediately.
Failover for the VMS	If a G-Core server fails, its camera channels are taken over by a G-Core failover server and displayed transparently in G-SIM.
IT Security	All communication between G-SIM servers and clients is protected by SSL encryption and own certificates can be used. G-SIM thus adapts to a company's or client's own security standards.
Site plans	The site plans provide an overview of all cameras and other resources on individually configurable maps as well as georeferenced maps. The current status of a camera is immediately visible in the site plan and by dragging it into the viewer, the appropriate video image is displayed. Individually designable and placeable control elements further enable interaction with connected systems.
Multi-client capability	Multi-client capability allows multiple independent users to be set up on one G-SIM system with individual access to G-SIM resources.
Process data search	The process data search makes it easy to find the desired metadata, such as license plates or barcodes. The results can then be exported for further processing using various formats.
Scalability	G-SIM allows access to all camera, recorder, user, remote console, and site connections.
Video Track and Trace (VTT)	Packages lost on conveyor belts can be found quickly, even on conveyor belt routes that branch out many times. The simultaneous image display of the respective position of the package on the conveyor belt enables packages to be found quickly.
Four-eyes principle	The protection of personal rights already begins with the login. Personal images can only be viewed when two defined users log in together. For this purpose, the administrator can define separate rights for the joint login in advance.
Web Browser Integration	By means of this integration, web browser windows can be displayed in the viewers of the Operator Console. The bookmarkable websites of external systems allow a fast and individual function extension including authorization control by the G-SIM user administration.
Central user management	The synchronization of user groups between Windows and G-SIM using Active Directory facilitates the management of users, groups and rights in G-SIM and enables a single sign on with Windows users. Furthermore, G-SIM offers the extended integration of external user administrations by means of SAML (Security Assertion Markup Language) via Identity Providers (IDP).