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**GeViScope –
Enterprise Surveillance System**

The high-end video system platform for security experts

You have a wide range of demands and complex processes – therefore you have high-level requirements for a video security solution. The GeViScope Enterprise Surveillance System will meet your needs in every way. Reliability and speed, flexibility and integration.

Lots of functions all in one platform: everything from image recording to a virtual matrix, analog and IP, standard and megapixel. Intelligent video analysis qualifies the image content and generates alarms in critical situations. This sophisticated modular system is ideal for high performance.

High availability

Redundant power supply unit, solid state disk for the operating system, optional RAID system for databases with up to several TByte capacity per server. All this adds up to the highest level of availability for your security.

DSP technology

Digital signal processors with specially developed firmware for image processing in real time and a high level of investment protection. Concentration on the important visual content reduces the data volume. New functions are easily installed, system extensions can be implemented seamlessly at any time.

Video analysis

Intelligent video analysis algorithms process the image information and extend the functionality of your system. Run on the DSP and individually selectable for each channel, or run on the CPU. Operate in real time for maximum flexibility.

Open interfaces and SDKs

Open interfaces are part of our philosophy. Our Software Development Kits (SDKs) are freely available and our own development team provides you and your developers with support, from planning to implementation and testing.



GeViScope

- | *High availability*
- | *DSP technology*
- | *Intelligent video analysis*



Application:
European Spaceport in French Guiana
Further references at www.geutebrueck.com

From intuitive operation to professional administration



Different users need different information.

In **GSCView** you can configure the system operation according to particular needs and assign individual user levels, so that for instance security personnel can be guided efficiently and supported in their work. You specify which situations are particularly critical and what reactions are to be initiated when an alarm is triggered.

With the comprehensive alarm management you can ensure that there will be an appropriate reaction and can specify how and when notification should occur. For clear task assignment.

Motion Search (MOS) finds motion in definable areas in recorded or live pictures. Our **Cut List** function provides a clear summary of the relevant results and video sequences. For efficient image evaluation and investigation.

Backup locally or in the network, manually, scheduled or event-controlled. The exported video footage is digitally signed for complete traceability. You can back up in **GEUTEBRÜCK Backup Format (GBF)** or in standard formats, manipulation-proof and admissible in court.

The integrated system monitoring checks the system availability on its own. After a power outage the system starts itself up again and automatically protects alarm images from being overwritten. Status analysis provided via extensive status and system reports via network, locally or on the optional diagnostics display. The integrated logbook documents all actions for subsequent traceability.

Camera Position Authentication (CPA) monitors your cameras for sabotage or tampering and provides user-definable reporting channels for technicians, security personnel and security managers if a camera fails or is repositioned. It supports flexible system reactions, for instance switching on adjacent cameras or substituting a speed dome with a fixed position for the failed camera.

Select operating elements that are important to you and hide all others. Arrange the view window according to your needs and preferences, utilizing the full screen size.

See what matters! Nothing less, nothing else! Relieve networks and reduce storage requirements

Bandwidths are networks 'Achilles' heel.

GeViScope protects them many times over, using intelligent bandwidth management: Archiving costs go down — without compromising functionality or security.

MPEG4CCTV – Video compression perfected for video security applications

Compression and decompression in real time with latency times under 120 ms. Excellent image quality at the right moment, optimal image playback — even when playing backwards — as well as synchronized playback. Relieves network infrastructure and reduces storage requirements.

Dynamic Live Streaming (DLS)

Only requested data are transmitted. Live images are sent in precisely the size the user demands. If the viewing window is enlarged, then more data are sent; if it shrinks, then less data are sent.

Intelligent Compression Dynamics (ICD)

Images without motion usually do not contain any information that is relevant to the user, so are processed with low picture rates and low quality. Images with motion are delivered in real time and in the desired resolution and quality.

Fading Long Term Memory (FLTM)

Allows older image data to 'fade' progressively by reducing the image rate — you specify which data are important to you.

Region of Non-Interest (RONI)

Irrelevant areas of an image can be defined flexibly so they can then be processed with lower resolution and higher compression.



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Flexible combinations of hardware and software modules

We see everything! – Intelligent video analysis to meet your needs!



Cashier and car park systems



Airports/ports



Security management systems



Casinos



Perimeter protection



Barcode and wireless scanner systems



Access control systems



ARGUS system



VIPCAM
IP cameras



Analog cameras



CAM2IP
IP video encoder for analog cameras



Network switch



MBeg GCT
Networkable, multifunctional control panel



GeViRAID II
SAS/SCSI/iSCSI RAID-Storage

Intelligent video analysis algorithms qualify the image data and alert you of critical situations.

Activity Detection (AD)

Video motion detection for indoor as well as selected outdoor applications. Extremely low false alarm rate thanks to reliable suppression of global influences.

Video Motion Detection (VMD)

Professional video motion detection for outdoor applications detects moving objects analyzing direction and speed so that 'allowed' motion, for instance exiting, does not trigger a false alarm.

Image Analysis VA Class

Classifies objects in the image by size, speed, direction and status (person, vehicle, unknown) and triggers the defined alarm response upon detection.

Dual-Sensor

Combines both the VMD and VA Class detection methods for especially critical outdoor environments. Objects are classified and recognized in precisely defined alarm zones. Irrelevant motion in the picture is ignored so that the false alarm rate is extremely low.

Audio Activity Detection (AAD)

GeViScope doesn't just see, it hears everything too! Sounds trigger recording, switching to the alarm picture or an alarm notification at the monitoring centre.

Number Plate Recognition (NPR)

Analyzes picture data for number plate information and enables management of vehicle access rights and database searches by registration number, etc.

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GEUTEBRÜCK

Competence in Video Security

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