Dallmeier

VIDEO SECURITY, DATA PROTECTION AND DATA SECURITY




MADE IN GERMANY

See more.

GDPR

QUO VADIS, VIDEO SECURITY?

The problem:
No specific regulations regarding video surveillance

If companies wish to use video security systems, they must comply with country-specific and trans-regional regulations regarding data protection, such as the European General Data Protection Regulation (GDPR). The problem is that the GDPR contains no specific regulation concerning video surveillance.

The solution:
Consult official guidance ...

European and national data protection authorities have recognised this dilemma and they provide useful guidance literature particularly for non-public organisations (see last page of this brochure). With the aid of these documents, companies can ensure that they operate video security systems in conformance with the provisions of the GDPR.

Be cautious with GDPR certificates

The EU supports voluntary certification programmes and data protection seals for the purpose of increasing transparency and to make it easier to comply with the requirements of the GDPR. However, such certifications only cover processing operations, not products such as a surveillance camera. It is advisable to ensure that certification bodies and data protection certificates have been officially accredited in conformance with the GDPR by a national accreditation body or the supervisory authorities.

COMPANY PHILOSOPHY

SINGLE SOURCE OF TRUST.

... and guarantee „Privacy & Security by Design“ in conformance with the GDPR!

Besides formal compliance with the data protection regulations by the data controller and / or the processor, the manufacturer of video surveillance systems bears a great responsibility as well. At Dallmeier, we draw on more than 35 years of experience in the industry and high rate of in-house production (90 % at the company headquarters in Regensburg, Germany), and offer our customers a broad portfolio of proven „Made in Germany“ functions for data protection and data security.

This brochure illustrates **a selection** of „Privacy by Design“ and „Security by Design“ functions of Dallmeier products, which those responsible for a video security system can use to ensure conformance with the GDPR.

More detailed information is available

- on the last page of this brochure
- at www.dallmeier.com
- in the datasheets for our products
- or from your personal contact partner at Dallmeier.

In dubious cases we advise to commission a lawyer or to contact the responsible data protection supervisory authority.

DATA PROTECTION SOLUTIONS BY DALLMEIER

DATA SECURITY SOLUTIONS BY DALLMEIER

LATEST TECHNOLOGY FOR

DATA PROTECTION.

WHAT IS DATA PROTECTION?

DATA PROTECTION REFERS TO THE PROTECTION OF ANY INDIVIDUAL'S PRIVACY. THUS, A KEY QUESTION IN TERMS OF DATA PROTECTION IS WHETHER IT IS PERMISSIBLE TO COLLECT AND PROCESS PERSONAL DATA AT ALL.

WHAT DOES THE GDPR SAY?

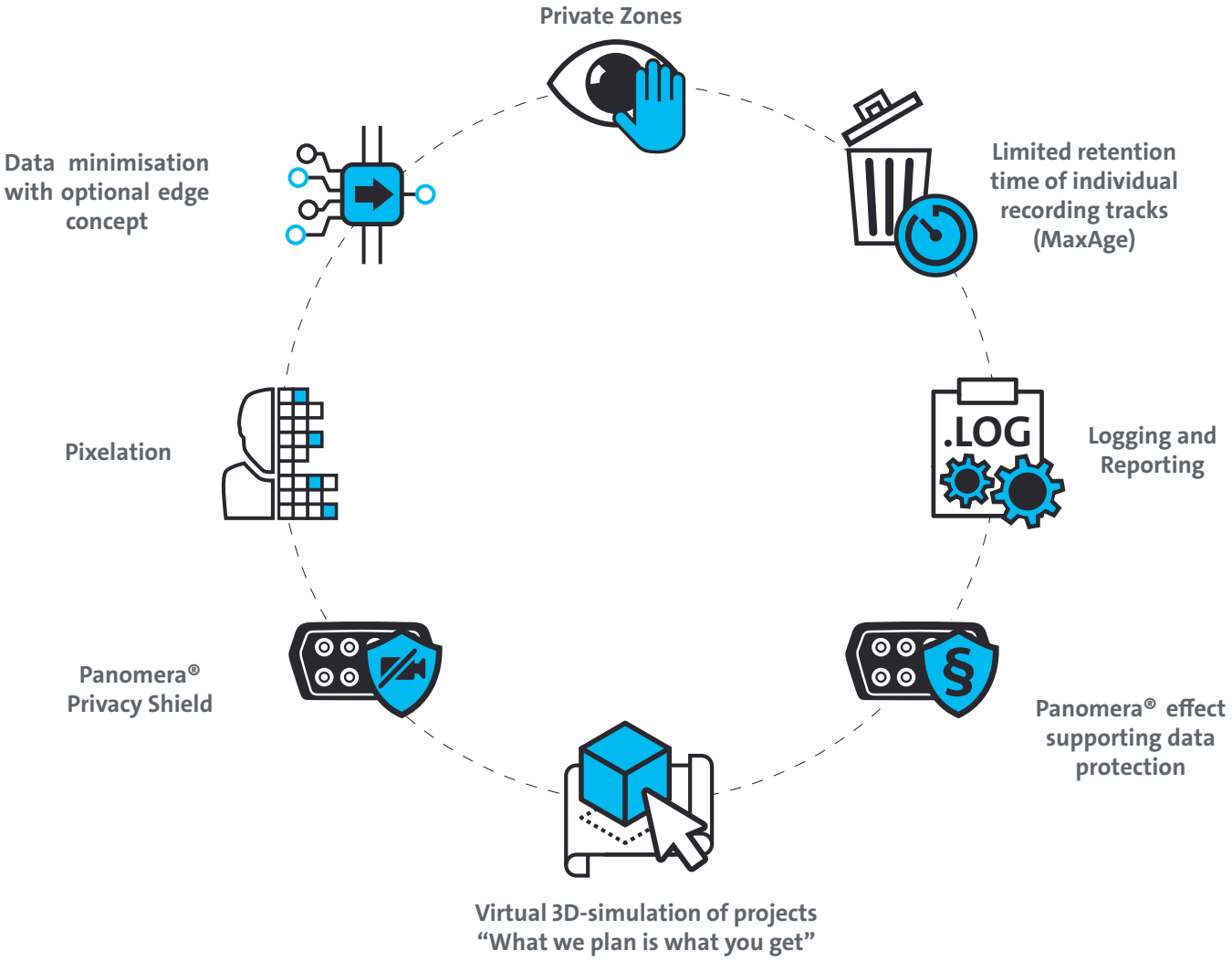
ACCORDING TO ART. 25 GDPR, APPROPRIATE TECHNICAL AND ORGANISATIONAL MEASURES ARE TO BE IMPLEMENTED TO ENSURE THAT DATA PROTECTION PRINCIPLES AND THE RIGHTS OF THE PERSONS AFFECTED ARE SAFEGUARDED („PRIVACY BY DESIGN").

DALLMEIER GUIDELINE

„PRIVACY BY DESIGN“.

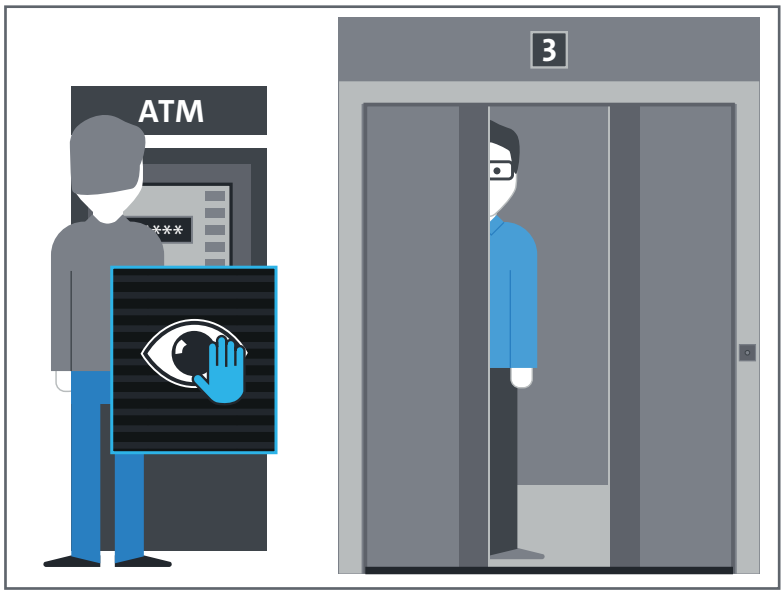
READY FOR THE DATA PROTECTION OF THE FUTURE

Dallmeier solutions protect the personal rights of each individual in the collection and processing of data through integrated functions and are ready for future legal requirements.



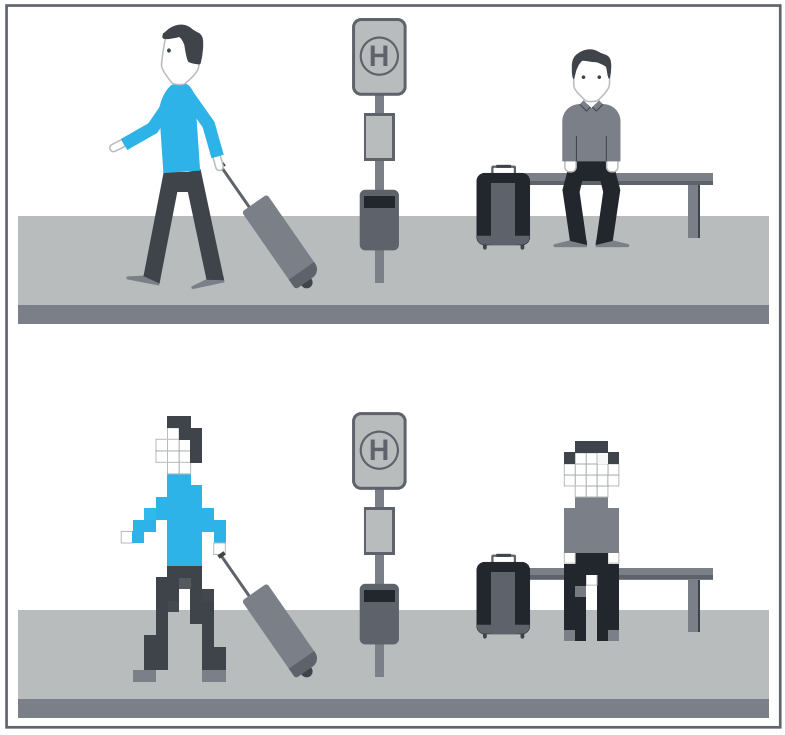
PRIVATE ZONES

Dallmeier products offer privacy masking of screen areas in order to maintain and ensure protection of privacy. It is technically not possible to restore the masked content in retrospect thus legal requirements are easily fulfilled.



PIXELATION

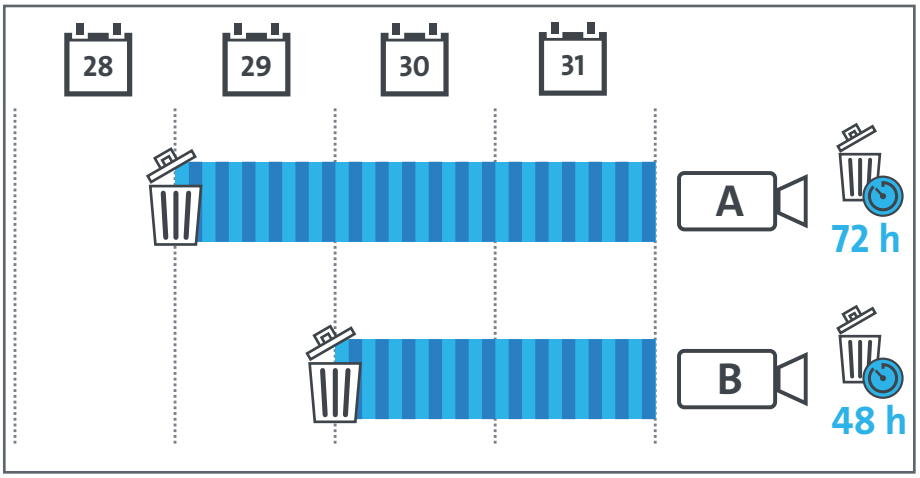
Intelligent filters can automatically pixelate people, cars, number plates, etc. in the image. If necessary, the pixelation can be deactivated.*



*The exact scope of functions depends on the hard- and software version used.

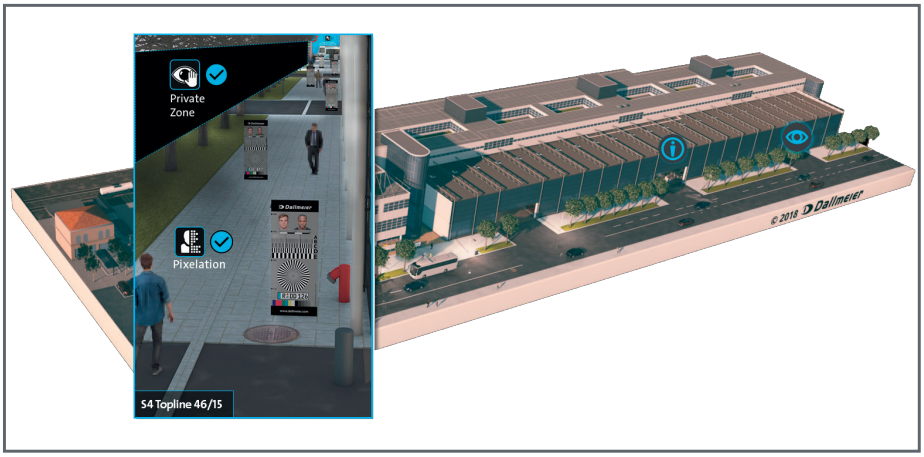
LIMITED RETENTION TIME OF INDIVIDUAL RECORDING TRACKS (MAXAGE)

A maximum retention time can be defined on a per track / per camera basis. During operation, all older images are being deleted automatically, permanently and reliably.



VIRTUAL 3D-SIMULATION OF PROJECTS "WHAT WE PLAN IS WHAT YOU GET"

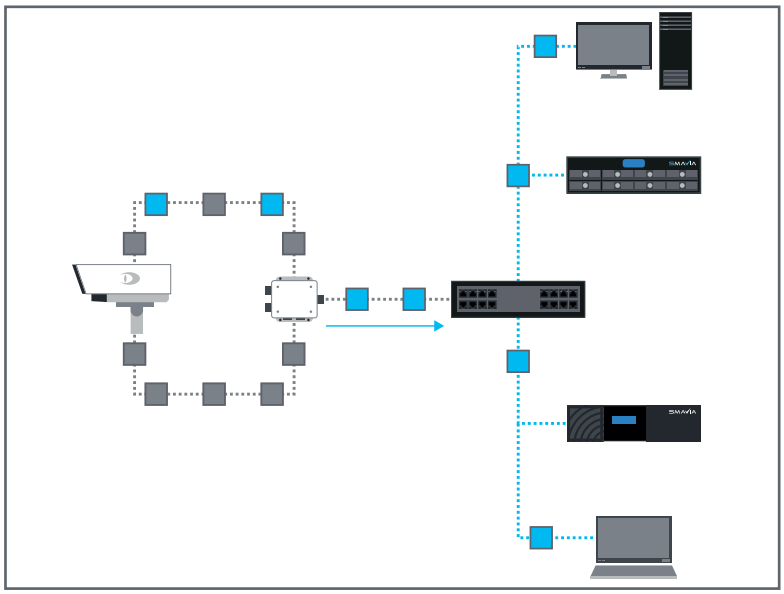
Even before project realisation, the image quality (pixel density), obstructions etc. can be simulated for each camera within its field of view. This also makes areas „visible" that are irrelevant in terms of data protection law. Thus, our solutions, such as Private Zones or Pixelation, can be planned in advance for areas relevant to data protection.



DATA MINIMISATION WITH OPTIONAL EDGE CONCEPT

The optional „Edge“ concept enables decentralised recording and analysis of video data already „on the fly“, as an incidental function (on the edge) of the Dallmeier system.
Therefore, it is not necessary to centrally record and transmit all data.

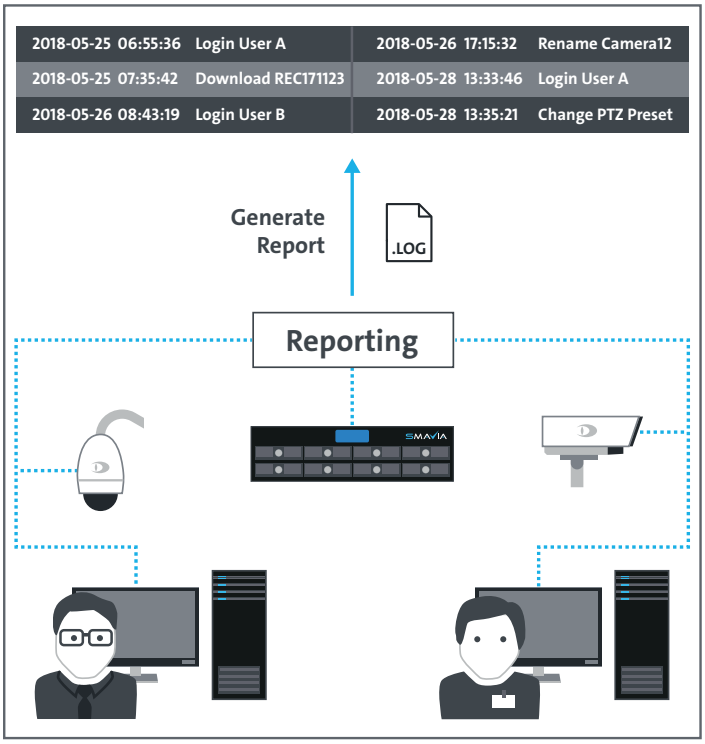
The edge concept helps to reduce the network load and reinforce the principle of data minimisation.



LOGGING AND REPORTING

Modern video management software from Dallmeier logs all incidents, messages, system and user actions.

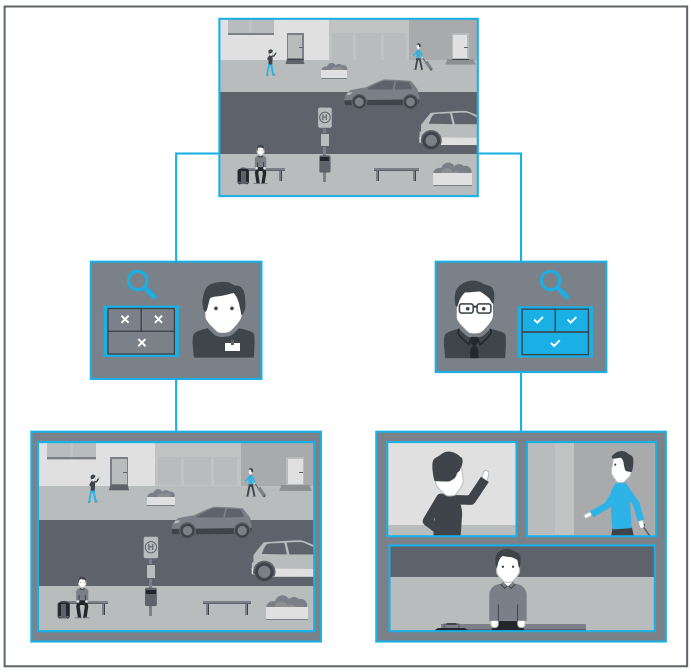
This provides the capabilities for internal and external reporting that both assure data protection and regulatory compliance, e.g., for audits.



PANOMERA® EFFECT SUPPORTING DATA PROTECTION

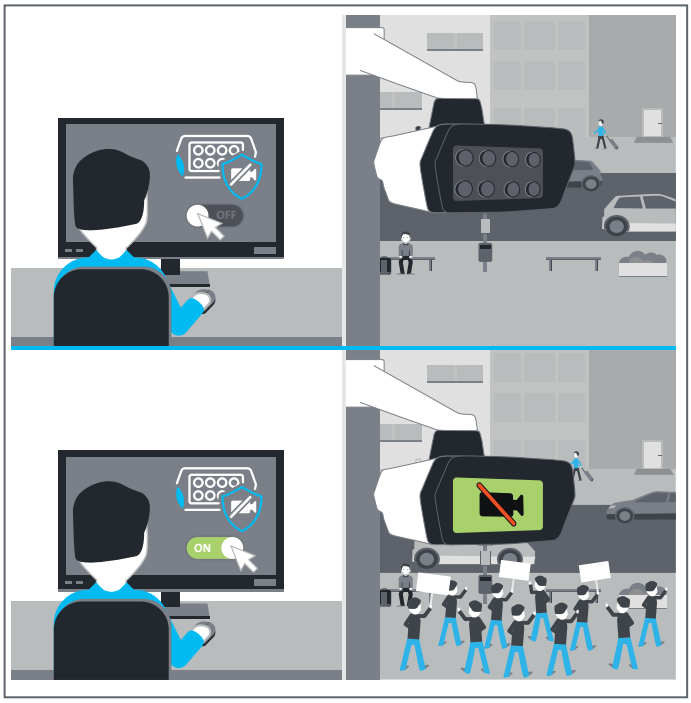
The patented Panomera® multifocal sensor system can only capture image areas that have been defined in advance; unlike PTZ cameras, for example, which allow operators to view unauthorised viewing areas.

Panomera® systems can also be configured in such a way that selected user groups only have access to overview images (no capture of personal data).



PANOMERA® PRIVACY SHIELD

The „Panomera® Privacy Shield“ is a remotely controlled shield that allows users to temporarily deactivate the image capture of Dallmeier Panomera® cameras and make it visible to everyone. And this with just a few mouse clicks. Ideal for meeting legal requirements, e.g. during peaceful demonstrations, shift changes, works meetings or strikes.



LATEST TECHNOLOGY FOR

DATA SECURITY.

WHAT IS DATA SECURITY?

THE PURPOSE OF DATA SECURITY IS TO ADDRESS SECURITY RISKS AND PROTECT CONFIDENTIAL AND PERSONAL DATA FROM BEING MANIPULATED, LOST OR UNAUTHORISED ACCESS, FOR EXAMPLE. THIS MEANS: WITHOUT DATA SECURITY, THERE CAN BE NO DATA PROTECTION!

WHAT DOES THE GDPR SAY?

ACCORDING TO ART. 32 GDPR APPROPRIATE TECHNICAL AND ORGANISATIONAL MEASURES ARE TO BE IMPLEMENTED TO GUARANTEE THAT THE LEVEL OF PROTECTION IS COMMENSURATE WITH THE RISK („SECURITY BY DESIGN“).

DALLMEIER GUIDELINE

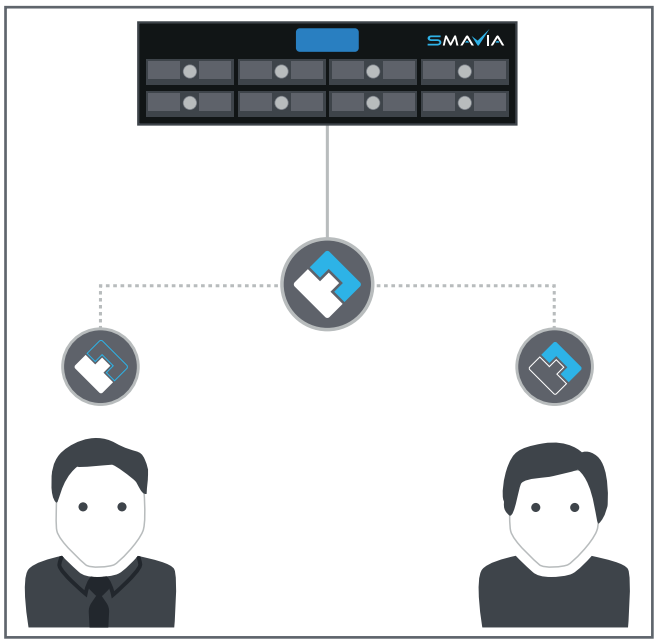
„SECURITY BY DESIGN“.

READY FOR THE DATA SECURITY OF THE FUTURE

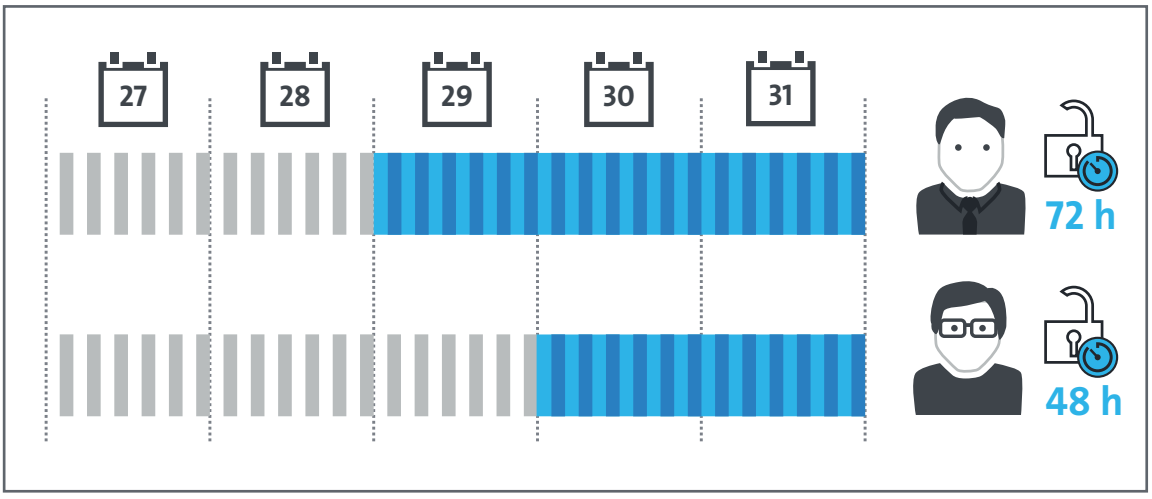
Dallmeier solutions protect confidential or personal data from manipulation, loss or unauthorised access and are ready for future legal requirements.

FOUR-EYES-LOGIN-PRINCIPLE

Access to Dallmeier appliances can be limited to authentication based on the four-eyes-login-principle. In that case, access is only possible with an additional password from a second person.



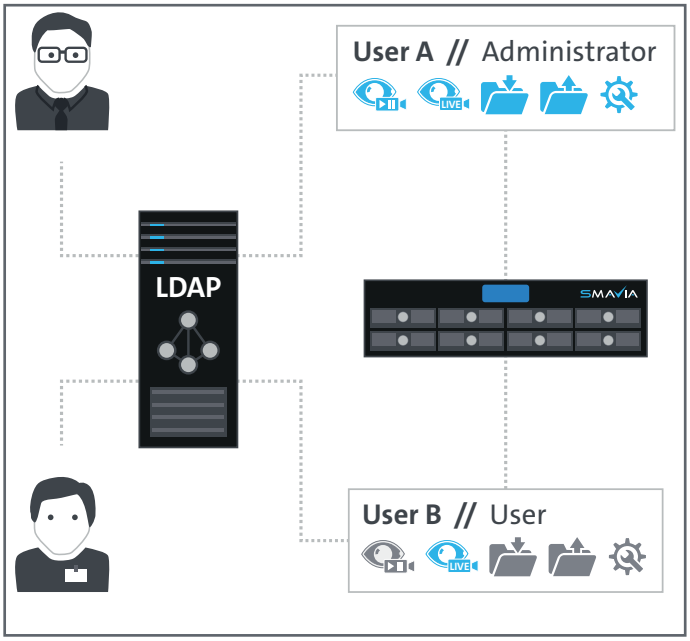
TIME LIMITED ACCESS FOR DIFFERENT USER GROUPS (MAXVIEW)



For each user group, the periods of the recordings that they can access can be limited. Images that are older than the set period can not be evaluated.

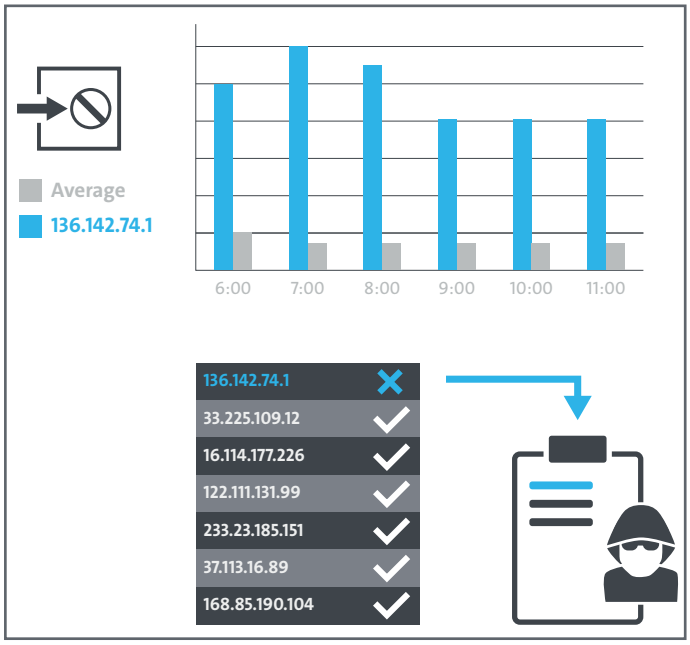
USER GROUP MANAGEMENT

Different access rights can be assigned to each user group depending on the required privacy level. Active Directory (AD) integration via the LDAP protocol is supported.



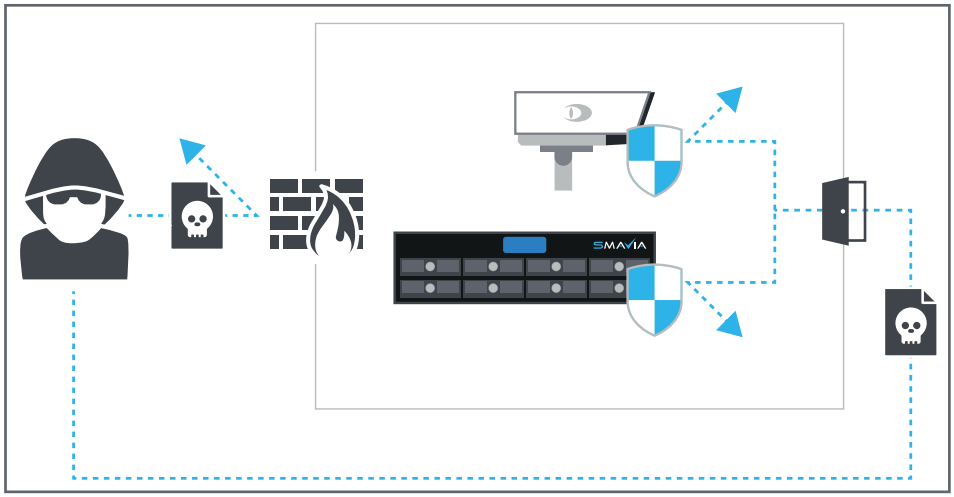
PROTECTION AGAINST HACKER ATTACKS (FAIL2BAN)

The Fail2Ban function for secure detection of hacker attacks constantly analyses connection attempts to the Dallmeier recording appliance. In case of repeated failed connections, the corresponding IP address is blocked for a certain time.



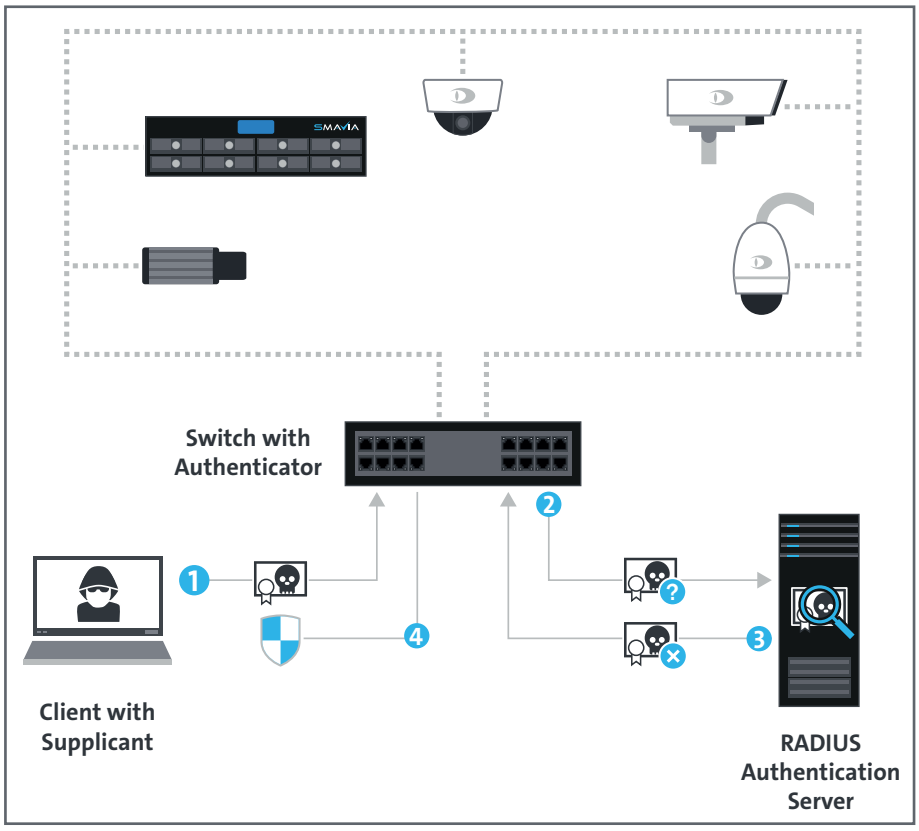
BACKDOOR PROTECTION

In-house development of all soft-, hard- and firmware for Dallmeier solutions prevents hidden access. Hardened operating systems of the camera and recording systems prohibit infiltration with malware.



SECURE NETWORK AUTHENTICATION (IEEE 802.1X)

A secure IEEE 802.1X authentication method protects the network from unauthorized access. Certificate-based authentication via RADIUS Server is being initiated whenever a proper device is being physically connected.

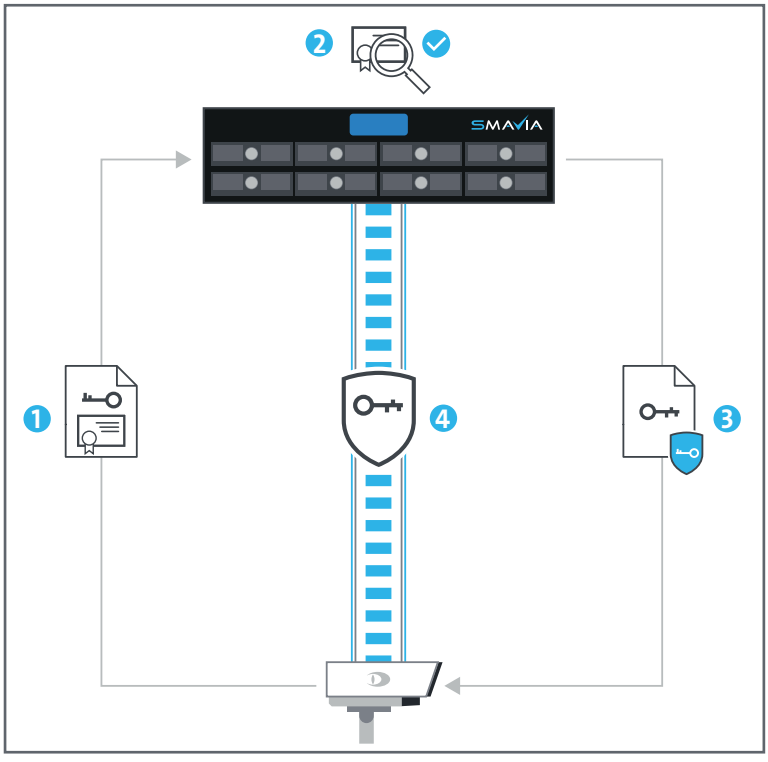


RECORDINGS FOR COURT USE

Footage from Dallmeier video surveillance systems meets all requirements to be used as evidence in court. Image quality, tamper protection as well as the protection against unauthorized access comply with the LGC certification.

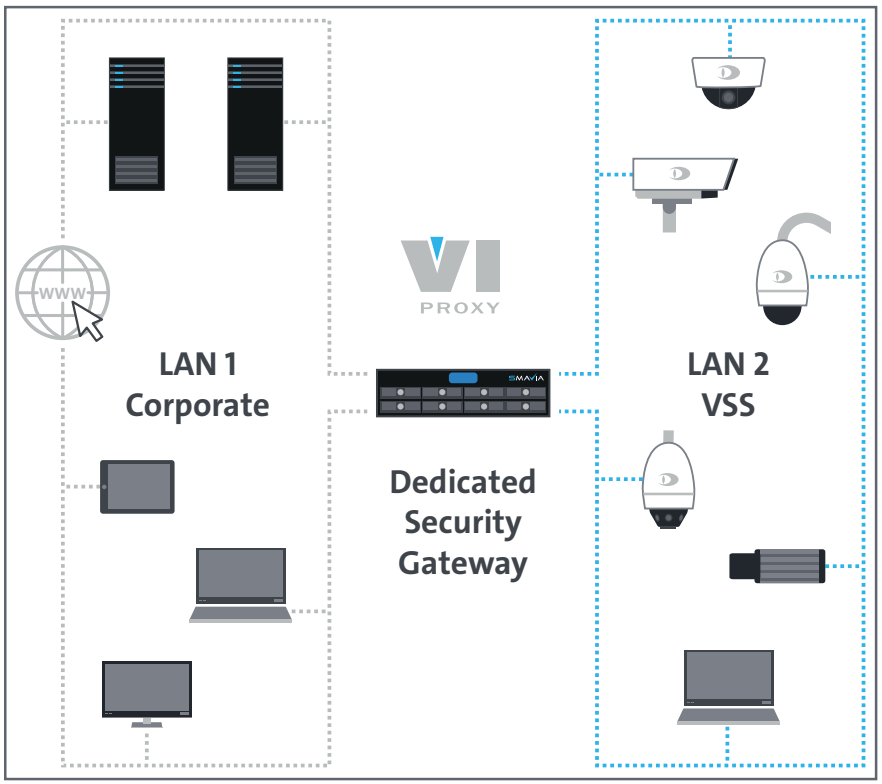
END-TO-END ENCRYPTION (DATA AND VIDEO STREAM)

Both data and video transmission between the latest Dallmeier systems can be end-to-end encrypted with TLS 1.2 / AES 256 bit.



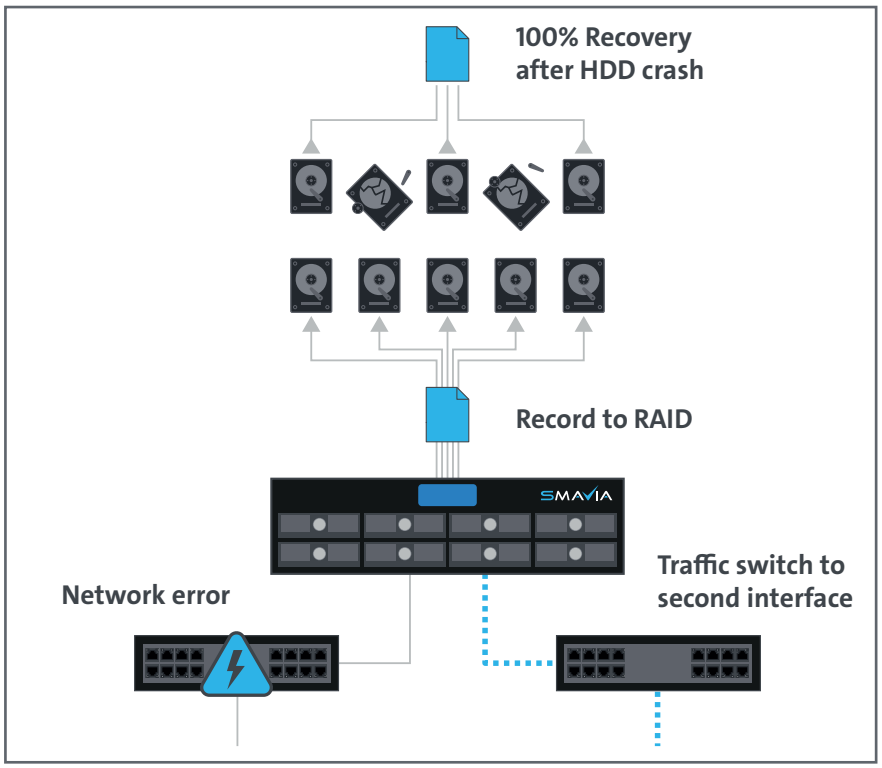
SECURITY GATEWAY

The Dallmeier recording appliance acts as a security gateway / proxy server of the video system, preventing unauthorized access and reducing overall network load.

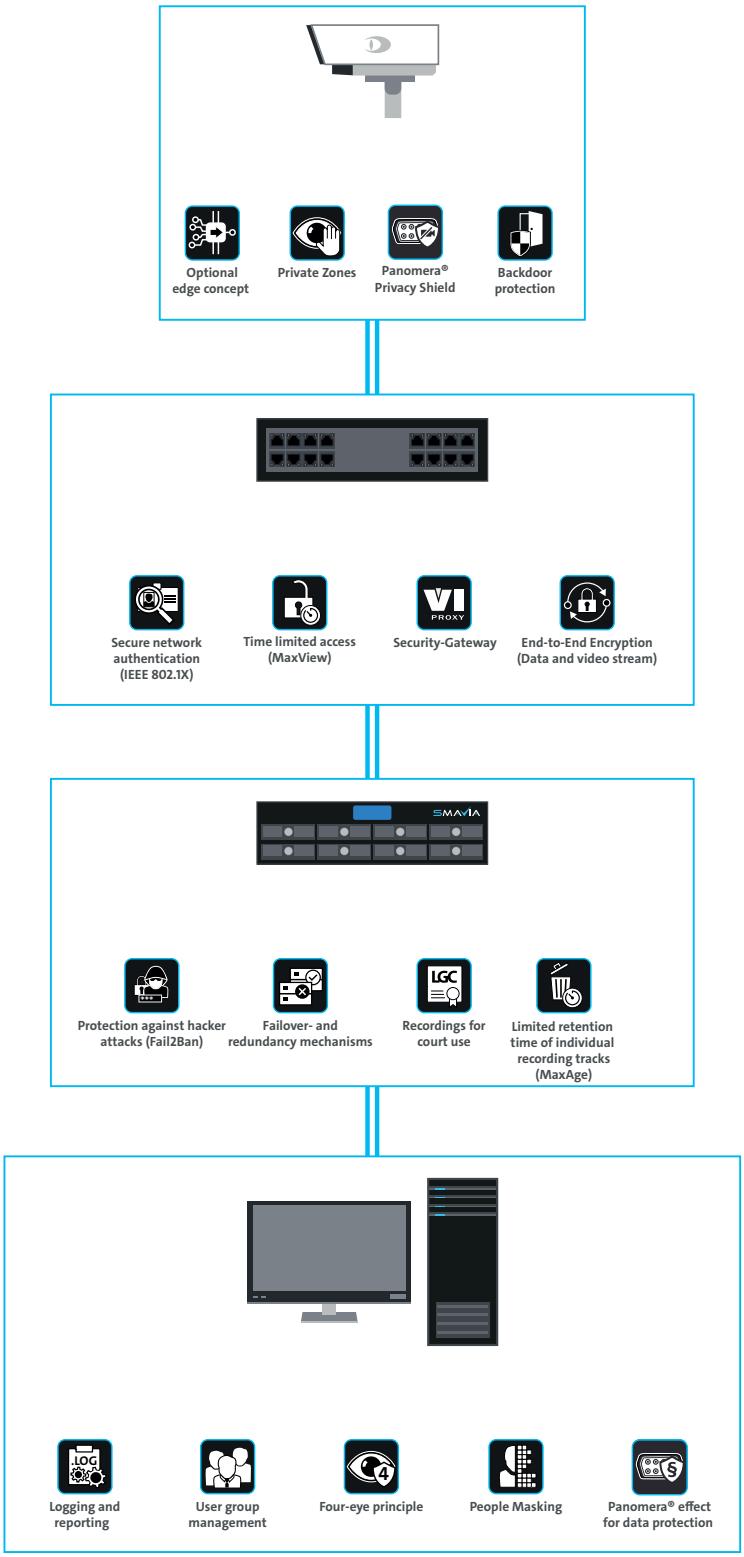


FAILOVER AND REDUNDANCY MECHANISMS

If system components fail, Dallmeier appliances are kept highly available by various solutions. Both data storage and network connection (link redundancy) can be secured redundantly.



The integrated functions of the Dallmeier data protection and data security module fully protect the video security system and contribute to GDPR compliance.



COLLECTION

TRANSMISSION

STORAGE

ACCESS

COMPANY PHILOSOPHY

SINGLE SOURCE OF TRUST.

EVERYTHING FROM ONE RELIABLE SOURCE

In times of Internet of Things (IoT) and cyber threats, as a manufacturer of video security solutions and management software, we plead not for less, but for more trustful manufacturer uniformity in security topics in order to operate in a coordinated complete system that is reliable and secure at the same time.

All products are developed and manufactured at Dallmeier‘s own production facilities in Germany. Made by Dallmeier, made in Germany. Because data protection and data security are a matter of trust – especially when it comes to video security.

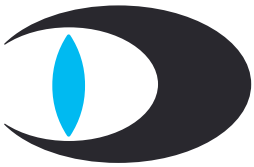
> Making things easier.

Experience data protection and data security according to GDPR live applied and vividly visualised in the Dallmeier world.

MADE IN GERMANY

Visit our web page dedicated to the subject of video security and the GDPR. There you will find additional helpful information collected conveniently in one place:

DALLMEIER QUICK GUIDE „VIDEO SECURITY ACCORDING TO GDPR“



The Dallmeier Quick Guide is a very helpful reference for the data controller and / or processor of a video security system to enable GDPR conformity. Implications for video security systems and the classification of the data protection and data security functions offered by Dallmeier are presented with reference to the basic principles of the GDPR.

MATERIALS OF EDPB

The European Data Protection Board (EDPB) has adopted “Guidelines on processing of personal data through video devices” which contains information on legal requirements and practical examples.

TRANSPARENCY REQUIREMENTS AND INFORMATION SIGNAGE

You can also find samples for an information sign and a comprehensive information sheet on the Dallmeier website on video security and GDPR.

VIDEO TECHNOLOGY AND CYBERSECURITY

Visit our web page dedicated to the subject of “video technology and cybersecurity”. There you will find helpful best practice information to effectively protect your video security system against cyber threats.

Dallmeier

Dedicated to quality. Driven by passion.

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