

SeeTec 5 Finance Module

SeeTec AG

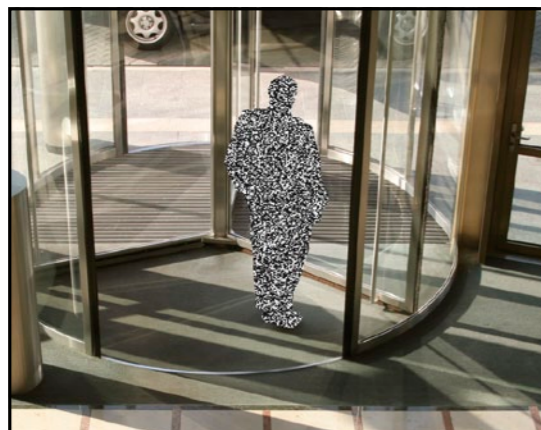
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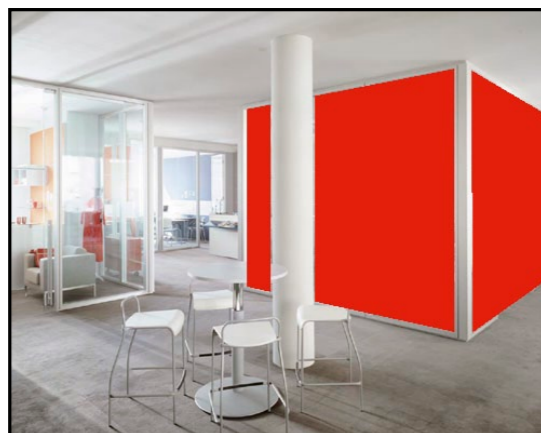
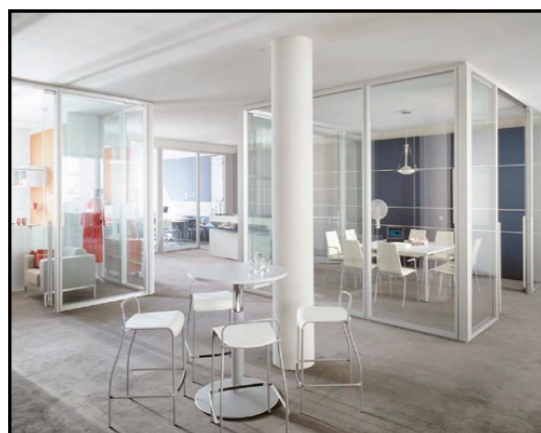
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Motion Scrambling: A person can be made unidentifiable by superimposing a layer of grey pixels on their picture.



Privacy Masking: The direct view into a neighbouring room is hidden by masked areas in the picture below.

centralised monitoring of multiple cash dispenser locations for this solution. A customer-specific authorisation model controls access to individual cameras and locations.

Data security and identity protection

The subject of data security is very important, particularly in the financial sector. It is not just a question of protecting the transfer of video images from external access. It also has to be possible to define the access rights of the employees to the image data. Secure data transport through the network is guaranteed by the use of SSL/3DES, end-to-end encryption technologies.

Several functions can be used in SeeTec 5 for securing the identity protection of both customers and staff, based on corresponding user rights. Defined areas of the images that should not be viewed by security personnel for example, can be hidden (Privacy Masking). Using Motion or Reference Image Scrambling, persons can be made unidentifiable in the video by superimposing a layer of grey pixels on their picture.

In suspicious cases, it is always possible to access the non-encrypted image data. This access can be made secure by requiring a second user to enter a password before the data can be viewed, the so-called „four-eye“ principle.

Supported cash dispensers and counting systems	
Cash dispensers	<ul style="list-style-type: none">▶ NCR protocol▶ NCR CasinoS Cash▶ IBM▶ SNI ISAC
Cash counting systems	<ul style="list-style-type: none">▶ Reis eurosystems▶ Glory▶ Pecunia <i>more on request</i>

SeeTec 5 Finance Module

IP Video Surveillance Solutions for the Financial Sector



Product characteristics

- ▶ **Easy-to-use**, centralised administration of multiple locations through the use of standard IT technologies
- ▶ **Simple scalability**
- ▶ **Secure data transfer** with SSL/3DES encryption
- ▶ **Data and identity protection** through Motion Scrambling and Privacy Masking
- ▶ **Targeted access to individual business transactions** through interfaces to and integration of software components
- ▶ Triggering and definition of **alarm scenarios**
- ▶ **Employer's Liability Insurance Association certification** (BGV Kassen-Zertifikat). SeeTec complies with the guidelines laid down for the deployment of visual area surveillance systems in banks and credit institutes
- ▶ **Fiducia Certificate**
- ▶ Integration of **external software components**

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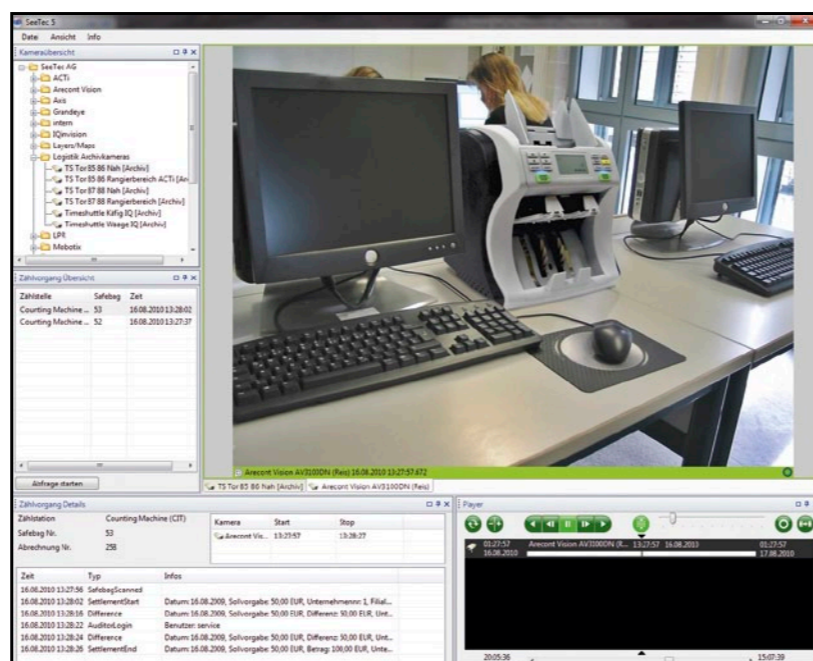
IP Video Surveillance Solutions for the Financial Sector

In addition to classic building surveillance, we offer you tailored solutions for typical applications in the financial sector with our **Finance Module, based on SeeTec 5, the Full IP Video Management solution. In the area of cash handling for example, our software enables the monitored surveillance of cash counting processes in order to prevent shrinkage and to be able to provide a simple trace mechanism to help in identifying irregularities. A further significant area of application lies in the surveillance of ATMs and recyclers. Business transactions**

can be viewed at your convenience through the stored archive of transaction-related video data.

Building surveillance / Counter area

Video surveillance solutions are used widely in the financial sector. SeeTec 5 is a modern, Full IP Video Management system and as such, offers numerous advantages in comparison to the standard analogue structures, which are still frequently used for property surveillance. The use of standard IT technologies enables a flexible and easily scalable architecture without the need to install a separate cabling and central unit infrastructure (video matrix, digital video recorder). A further advantage is that it is ideally suited for establishing multi-location surveillance solutions.

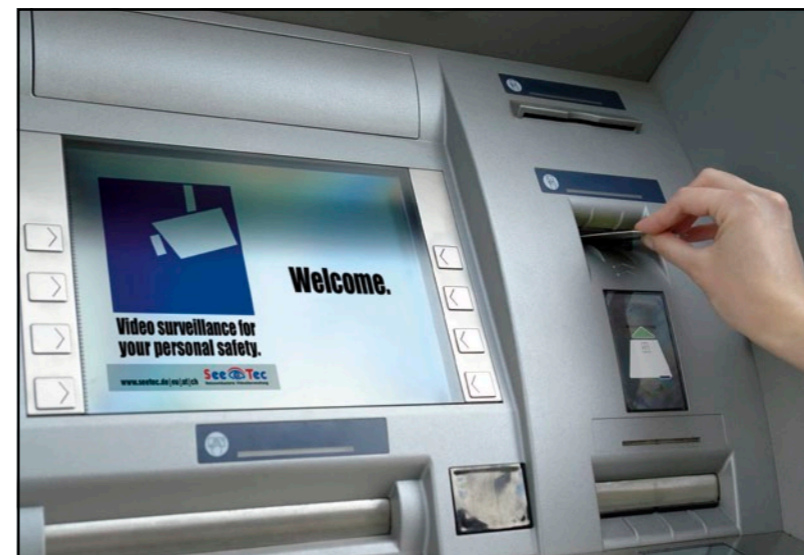


Seamless documentation of the counting process using a megapixel camera.

Through its support of a wide range of camera models from well-known manufacturers, SeeTec 5 offers the basis for the deployment of hardware that is exactly tailored for the application situation. This allows, for example, the use of intelligent camera features such as motion detection, in order to optimise the quality of the surveillance provided. As one of the few Full IP Video Management software solutions, SeeTec 5 also complies with the requirements of the BGV Kassen-Zulassung (Employer's Liability Insurance Association approval) and as such is certified for use for area surveillance in banks and credit institutes.

Cash centre surveillance

Fundamentally, the handling of large quantities of cash is a very sensitive issue. The surveillance of counting workstations using IP video technology offers an ideal way of guaranteeing that correct counting processes are followed, of preventing shrinkage and of avoiding the occurrence of suspicious circumstances. The counting process is documented continuously



Using the transaction interface to the money-issuing application, it is also possible to assign recorded images to individual business processes, for instance searching by customer name, account number, amount, date, time, etc.

and in high quality by a megapixel camera installed above the workstation. The recordings in the SeeTec 5 Finance Module are assigned to individual processes through the interface to the cash counting system software and given additional information, such as:

- ▶ **Customer number**
- ▶ **Security bag number**
- ▶ **Cash amounts**
- ▶ **Counting location**

There are easy-to-use filter and analysis options in the archive, based on the information taken from the counting software. In this way for example, it is possible to have targeted access to video sequences where a specific security bag was processed or where a difference was detected between the expected and the actual amounts.

Additionally, you can define your own alarm routines based on defined parameters. Furthermore, the IP video technology enables the simple extension and scaling of the application to cover multiple workstations at multiple locations. Data security is permanently guaranteed through encrypted data transfer between camera, server and client.

Security at cash dispensers

In addition to the traditional application areas, video surveillance is also used with cash dis-

pensers in bank branches or in public areas. Where earlier it was often only possible to handle straight surveillance and recording, IP video technology has opened up a whole range of additional possibilities, which significantly increase security.

In particular, the SeeTec software makes a significant contribution to improving surveillance quality through the usage of intelligent camera features and the integration of existing security architectures. An example of this is the automatic recognition of an abandoned bag or a person loitering in the self-service area, which can in turn trigger a customer-specific alarm.

Using the transaction interface to the money issuing application, it is also possible to assign recorded images to individual business processes, based on customer name, account number, amount, date, time, etc.

As usual, individual alarm routines can be created and triggered in SeeTec 5 based on security-relevant events. In this way for example, it is possible to have an automatic display of the video stream from the camera that triggered the alarm for the security guards.

The use of IP video in combination with encrypted data transfer also enables the simple,



BGV Kassen-Zertifikat

Employer's Liability Insurance Association certification (BGV Kassen-Zertifikat) defines the guidelines laid down for the deployment of visual area surveillance systems in banks and credit institutes

§ 6
Visual area surveillance systems

(1) Areas accessible to the public where bank notes [...] are issued or accepted must be equipped with a visual area surveillance system.

(2) Visual area surveillance systems must be installed such that the significant phases of an attack can be replayed for visual analysis.

