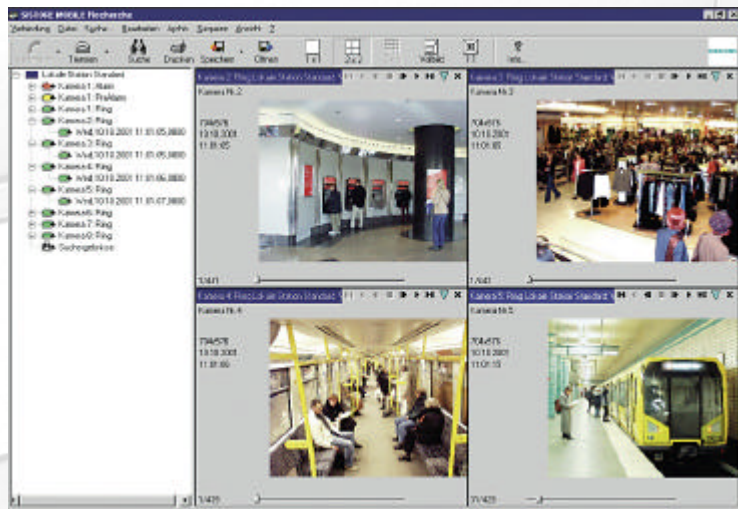


TeleObserver Central Monitoring Software (CMS)

The software platform for central alarm and system management

The DResearch surveillance systems develop their full capabilities with the new Central Monitoring Software (CMS). With the aid of this software, all TeleObservers can be joined in a fleet and centrally administrated. In this way, the new software platform by DResearch provides efficient alarm management.

Thanks to CMS, security personnel in the monitoring center are able to get a comprehensive idea of the on-site situation in case of an alarm – and are able to react immediately and appropriately. Aside from alarm images, pre-alarm images can be displayed, as well. Guard rounds covering all units are possible at any time. Costly false alarms or misdirected guidance of security personnel are a thing of the past.



Enhanced security by live transmissions and suspect approach

CMS enhances security – in public transport as well as in property protection or in public spaces. Simple on-site recordings may be forcibly removed or destroyed by suspects. In contrast to that, centrally managed images can be saved securely protected from sabotage in the command center.

Additional functions

Another important function is the possibility of approaching the suspect from the central command post. Due to the psychological effect of such an approach many criminal offences may be prevented. This function can also be used for the purpose of communicating with customers.

Relief for drivers and sales personnel

A centralized alarm management saves resources, because it assures that security-relevant events are always processed by competent personnel in the central command post. The utilization of security personnel on-site can be reduced to a minimum and the remaining personnel is relieved from security and control tasks. Thus, sales personnel are able to spend more time with customers and vehicle drivers can fully concentrate on traffic.

Another important advantage of CMS is the possibility of customer-specific activation of functions such as, for example, remote configuration and control of equipment, updates or guard rounds. Time-consuming attendance to and adjustment of devices by qualified personnel is no longer necessary. On-site



evaluation of data or changing of hard drives are also unnecessary, since all data can be accessed directly from the command center.

CMS is supplied as a software package with a product key through distributors or directly from DResearch and can be installed on all computers equipped with Windows operating systems. DResearch

also supplies turn-key systems in form of Central Monitoring Units (CMU), which have already been tested for functioning communication connections. Our technicians are able to find the optimal solutions for every kind of application for the new CMS.

TeleObserver CMS – we'll show you.

System description

Like all video transmission systems of the TeleObserver family, the Central Monitoring Software (CMS) also utilizes the compression process H.263+. In this way, any available network can be used for the transmission of streaming live videos. The outstanding compression guarantees quality and speed.

CMS is suitable for all TeleObserver model series, regardless whether they are in stationary or mobile operation.

Variations

- ! CMS standard for the setup of three remote stations as freeware
- ! CMS with versatile possibilities as licensed product
- ! CMS modules:

Designation	Functions in TeleObserver TO3100 system
TeleObserver® Security Launcher	Log-files; reports of guard rounds (manually started or automatic); module administration; security settings; activation
TeleObserver® Vision	Live view; alarm management; live reporting conditions
TeleObserver® Image Finder	Search of image material; export and backup of video data and image information
TeleObserver® System Management	Connection configuration; administration of remote stations; activations; database administration

Communication

- ! TCP/IP
- ! serial communication via modem drivers
- ! digital communication via ISDN CAPI 2.0

Options (can be activated)

- ! Number of remote stations
- ! HTML map in live view
- ! Synchronous replay
- ! Automatic data deletion after n hours
- ! HSCSD support
- ! Firmware update/feature upgrade with TOBS unit
- ! Storage in live view
- ! Search in event memory
- ! Creation of backup data with search
- ! Guard rounds

Hardware requirements

- ! Pentium IV or equivalent
- ! Graphic resolution at least 1024 x 768
- ! HDD 80 GB
- ! CD-RW/DVD-RW
- ! Windows 2000 prof. / Windows XP prof.

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Presented by:

