Event Management System (EMS)

Specifications

Server PC

- CPU: Pentium >= 3 GHz (optimal dual processor or dual core system)
- Hard disk capacity: 250 GB
- Operating System: Windows 7 Ultimate with latest Service Pack
- Client PC
- CPU: Intel Core i3 with 2GHz or higher
- Memory: DDR3 RAM
- Interface: USB interface for dongle Interface
- Operating System: Windows 7 (Ultimate or Professional) with latest Service Pack

EMS Server

- EMS SERVER consisting of:
  1. Central database for administration of master data, video archives, events and protocols
  2. Connection and interface management for all remote transmitters
  3. Main database for administration of master data, video archives, events and protocols
  4. Main database for alarm processing and alarm database
  5. Support of HeiT VideoGateway and ADPRO FastTrace 2/FIT series
  6. Automatic connection by transmitter-side alarms, freely-programmable observation tours and service function
  7. Multi-Field functionality for simultaneous connection for up to 50 video transmitters
  8. Customer-specific event notification at global and customer-specific levels
  9. Enhanced, colour display for identification of events and/or transmitter priorities
  10. User-friendly password management with individually configurable user rights and definable password validity period
  11. HTConnect enables unrestricted, but safe access over the Internet to firewall-protected video systems (also with dynamic IP addresses) in private nets. Additionally HTConnect controls permanently the availability of HeiT VideoGateways over public or private networks
  12. Alarm processing and alarm database as well as the administration and configuration of any remote site
  13. The Pre-Alarm Viewer allows the operator in case of an alarm to automatically receive the complete pre- and post-alarm video sequences simultaneously to the live images of up to three cameras
  14. HTHealth-check allows live monitoring of system status and GPS position (incl. arm/disarm status, hard disk errors, hardware issues, video loss indication, device temperature, IP line monitoring (HTConnect) and firmware version)
  15. Geofencing tool for mobile VideoGateways allows defining and monitoring of a.o. speed limits, no-go areas, no-leave areas and arrival areas, all visualized live on graphical map
  16. High-Level Integration (HLI) of ADPRO PRO/PRO E PIRs including evaluation of all alarm and status-information of the detectors by the HeiT VideoGateway
  17. Collective, one-off firmware update procedure for selectable VideoGateways
  18. Integrated multi-levelled Site Map management tool for interactive operation and automatic triggering of the event-relevant camera
  19. Full database search, e.g. according to date, time and installation site specific criteria with customised analysis functionality for events and archive video recordings
  20. Alarm-specific action plans on customer, location and transmitter level with email functionality for completed missions
  21. Integrated logging and documentation functions with report and list printout of logs as well as email functionality for logs and alarm protocols
  22. Decentralised master database holding all data related to the customer, the site and the video transmitters (e.g. contact data of key-holder, installer, police, fire brigade, medical support)
  23. Configurable client operator rights allows for the decentralised management of the master database as well as the administration and configuration of any remote site
  24. Automatic storage of all received videos in the central receiver archive
  25. Relay control per transmitter to operate lighting, gates etc.
  26. Multilingual user interface (DE, EN, ES, PT, ZH Traditional, ZH Simplified, RU, PL)
  27. EventCLIENT module in a new design: Starting from v2.0.0 the EMS includes a new graphical event-client module in a new design: Starting from v2.0.0 the EMS includes a new graphical
  28. Integrated CamControl MV (Private Multi-View) for video live transmission in free definable layouts with up to 64 cameras simultaneously

Autonomous control centre solution with up to 50 operator stations that consists of Event CLIENT, CamControl CLIENT and FastTrace2 CamControl including alarm management tool with dynamic alarm processing and alarm database

- Support of HeiT VideoGateway and ADPRO FastTrace 2/FIT series
- Automatic connection by transmitter-side alarms, freely-programmable observation tours and service function
- Multi-Field functionality for simultaneous connection for up to 50 video transmitters
- Customer-specific event notification at global and customer-specific levels
- Enhanced, colour display for identification of events and/or transmitter priorities
- User-friendly password management with individually configurable user rights and definable password validity period
- HTConnect enables unrestricted, but safe access over the Internet to firewall-protected video systems (also with dynamic IP addresses) in private nets. Additionally HTConnect controls permanently the availability of HeiT VideoGateways over public or private networks
- Operation, alarm verification and (remote) configuration for an infinite number of video transmitters
- The Pre-Alarm Viewer allows the operator in case of an alarm to automatically receive the complete pre- and post-alarm video sequences simultaneously to the live images of up to three cameras
- HTHealth-check allows live monitoring of system status and GPS position (incl. arm/disarm status, hard disk errors, hardware issues, video loss indication, device temperature, IP line monitoring (HTConnect) and firmware version)
- Geofencing tool for mobile VideoGateways allows defining and monitoring of a.o. speed limits, no-go areas, no-leave areas and arrival areas, all visualized live on graphical map
- High-Level Integration (HLI) of ADPRO PRO/PRO E PIRs including evaluation of all alarm and status-information of the detectors by the HeiT VideoGateway
- Collective, one-off firmware update procedure for selectable VideoGateways
- Integrated multi-levelled Site Map management tool for interactive operation and automatic triggering of the event-relevant camera
- Full database search, e.g. according to date, time and installation site specific criteria with customised analysis functionality for events and archive video recordings
- Alarm-specific action plans on customer, location and transmitter level with email functionality for completed missions
- Integrated logging and documentation functions with report and list printout of logs as well as email functionality for logs and alarm protocols
- Decentralised master database holding all data related to the customer, the site and the video transmitters (e.g. contact data of key-holder, installer, police, fire brigade, medical support)
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High-performance Passive Infrared Motion Detectors for outdoor surveillance purposes for detection and reporting of alarm events.

Example: Alarm Call
Verification of incoming alarms with pre-alarm sequences, live images and processing of action plans.

Example: Manual Dial-in
Routine observation tours with manual access to live images, site archive and support of remote control functionality.

Example: Evaluation of History Archive
Post-processing of completed events with search and evaluation functionality for event-specific protocols and alarm-linked video archives.

Digital video transmission system with local long-term recording for 4 or 10 cameras.

CamDisc VG
Digital video transmission system with local long-term recording for 4 or 10 cameras.

CamDisc SVR
Digital video transmission system with mixed operation of up to 4 or 10 analogue and IP cameras.

CamDisc VG 2s
Digital video transmission system with local long-term recording for 2 cameras.

Cam4mobile VG
Shock resistant digital video recording and transmission system for mobile applications for 4 or 10 cameras.

CamTel VG
Digital video transmission system for 4 to 10 cameras.

CamServer VG 4c
Digital video transmission system with local long-term recording for 4 cameras.

CamDisc+ E
Digital video transmission system with recording for up to 4/10 IP cameras or 4/10 analogue cameras; optional video add on card required; optional licence for video analytics with IntrusionTrace.

CamDisc EM
Digital video transmission system with recording for up to 4/10 IP cameras or 4/10 analogue cameras; optional licence for video analytics with IntrusionTrace.

ipVG
Digital video transmission system for recording of up to 10 IP cameras; optional licence for video analytics with IntrusionTrace.

CIO Adapter
External Input/Output adaptor with up to 50 additional sabotaged monitored alarm control inputs and 8 relays.

PRO E-PIR Detectors
High-performance Passive Infrared Motion Detectors for outdoor surveillance purposes for detection and reporting of alarm events.