Intelligent Surveillance Solution: Operational efficiency with minimum TCO

*With the feature-rich **Mirasys Video Management System** (VMS) you can easily fulfill all the requirements of various customer types from single-site solutions to a networked system with hundreds of sites. The system supports tens of thousands of cameras in one centrally managed environment. All cameras can be managed as a single system independent of location. The user interface is available in 21 languages.*

Benefits

- **Extreme scalability and performance –** The software allows an unlimited amount of VMS Servers and an unlimited of cameras per server in one centrally managed network domain (possible to configure an unlimited number of network domains)
- **Modularity helps when needs change –** The user can access additional features with extension packages and create more value with additional Mirasys-applications like intelligent Video Content Analytics (VCA) or multiple spotter plugins.
- **Easy and smooth connectivity –** Mirasys VMS supports over 8.000 IP and analog camera models from all major camera manufacturers while the open platform architecture allows integrations to a wide variety of 3rd party systems like Access Control systems, Intruder & Fire Alarm systems, etc.
- **Efficient installation and configuration -** Less onsite visits are needed due to centralized update possibilities. Configuring can be made using data files, user profiles are easy to create, manage, and modify, and pre-installed applications on servers save time.
- **Reliable –** Comprehensive failover functionality with failover server groups, duplicated Master Servers, centralized database and the "ThruCast direct streaming from camera to clients" feature.

Recording

- Recording of MJPEG, MPEG-4, H.264 and H.265/HEVC video from an unlimited amount of analog and IP-cameras (only limited by hardware and network capability)
- Support for state-of-the-art NVIDIA GPUs for additional performance and decreased CPU load
- Resolution independent and especially designed for high resolutions (including UHD/4K-resolutions)
- Continuous, motion-based, and event-triggered recording modes
- Adaptive motion detection adjusts to continuous movement
- Weekly and local holidays recording and alarm schedule for each camera
- No built-in storage limits
- Scheduled archiving of recorded video data to local or network drive

DVMS

Mirasys VMS
Datasheet, 01 2019

Local & Remote Monitoring

- Simultaneous recording, live view and playback
- Preconfigured best practice layouts, and option to save your own custom multi-screen layouts
- Map provides another alternative way to navigate in the system and supports graphical situation awareness

File Storage System

- Allows use of large and different sized drives (up to 6GB, 8TB, 10TB) or network storage (NAS, SAN)
- Multiple drives per VMS server
- Storage System can be expanded dynamically

Something User Interface Something

- Features such as Storyboard, Thumbnail Search and Virtual cameras save money and time
- Easy and intuitive UI has direct impact on training costs - Built-in Help Tool lowers training needs even more
- Versatile PTZ-features like automatic object detection and tracking with digital zoom
- Fully customizable: User Interface can be simplified to bare minimum while users create their own layouts

Alarm Event

- Event triggers: Motion/no motion in camera view, input from 3rd party system (i.e., fire system, access control, etc.), digital input, sound/no sound
- Actions: Email, camera/audio recording, increase frame-rate/resolution, digital output, PTZ pre-set/tour, alarm popup, etc.

- Alarm schedules: Separate weekly schedule for each alarm; special schedules for local holidays

Search & Export

- Advanced search tools: Graphical Activity Search, Motion Search, Date & Time Search, Text data Search, Alarm Search, Thumbnail Search
- Images and videos are exported in the most universal formats or using the Mirasys Secure Export Format (SEF)
- Authenticated and rapidly exported SEF-videos are viewable with the stand-alone full feature Mirasys SpotterPlayer application

Management

- User authentication: User names, passwords, user groups, user rights/roles, device access profiles. Also support for dual-passwords (if two persons need to be present for access).
- User management LDAP integrable.
- High detail user right administration and action log (audit trail)
- Built-in software-based modified RAID 0 recording: Data can be recorded on several hard disk units to prevent complete loss of data in case of a disk failure

System Qualities

- Supports Windows 10 and Windows Server 2012, Windows Server 2016 & 2019
- Supported languages: Arabic, Czech, Chinese, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Icelandic, Italian, Norwegian, Polish, Portuguese, Russian, Slovene, Spanish, Swedish, and Thai.