



Cutting-Edge Enterprise Grade IP Surveillance Solution

Mirasys VMS Enterprise is a feature rich video surveillance solution that scales easily to suit the needs of businesses of all sizes. The system supports thousands of analog and/or IP cameras in one centrally managed environment. All cameras can be managed as a single system independent of location. Mirasys VMS Enterprise can be extended with intelligent Video Content Analytics (VCA) and Automatic Number Plate Recognition (ANPR) solutions. Due to its openness, it is easy to integrate with other systems. The user interface is available in 19 languages.

Features

- **Powerful VMS** – Up to 150 recording servers and 128 cameras per recording server in one centrally managed network domain (possible to configure an unlimited number of network domains)
- **Wide camera support** – Supports thousands of IP and analog camera models from all major camera manufacturers with multistreaming, multicasting and audio
- **Customisable** – Plugins to enable 360 camera de-warping, VCA, ANPR, centralized management reporting, Agile Video Matrix (AVM) digital video matrix, geospatial mapping, and other functions
- **Flexible** – Open platform architecture supports Access Control, Intruder Alarm and other integrations from a wide variety of 3rd party partners

Recording

- Recording of MJPEG, MPEG-4, and H.264 video from up to 128 analog and IP cameras (limited by server performance, total camera bandwidth required, etc.), audio and text data to 64 channels per server
- Supports thousands of different IP cameras and IP video servers from the leading camera manufacturers.
- Supports recording from encoders (video servers) with analog cameras
- Resolution independent and especially designed for high resolutions
- Continuous, motion-based, and event-triggered recording modes
- Adaptive motion detection adjusts to continuous movement
- Weekly and holidays recording schedule for each camera
- Up to a year storage depending on storage capacity
- Scheduled backup copies of recorded video data once a day or once a week saved to a local or a network drive



Local & Remote Monitoring

- Monitoring: Simultaneous live view, record and playback
- Layouts: Ready-made layouts and the option to save your own customised multi-screen layouts
- Maps: Multi-layered maps to access devices and show alarms

PTZ & Tracking

- Automatic object detections and tracking with digital zoom
- PTZ: Manual control, preset positions, camera tours, joystick control, turn to preset position on alarm event, turn to home position when idle
- Joystick control: DirectX compatible USB joysticks (e.g. Axis) and Pelco KBD300 via RS485/232 connection

Alarm Event

- Event triggers: motion/no motion in camera view, text data input from 3rd party system (i.e., video analytics, access control, etc.), digital input
- Actions: email, text message, camera/audio recording, increase fps/resolution, digital output, dome pre-set/tour
- Alarm schedules: separate weekly schedule for each alarm; special schedules for holidays

Search & Export

- Advanced search tools: Graphical Activity Search, Motion Search, Date & Time Search, Text Search, Alarm Search.
- Image export: Single images as JPEG, GIF, TIFF, PNG, and BMP files
- Video export: Video image as AVI, Matroska (MKV), and ASF (WMV) files
- Original video clip authentication: With stand-alone Mirasys Media Player

Management

- User authentication: User names, passwords, user profiles (1 to 5 profiles per user)
- 10 users per single system (extendable via licensing)
- Five user levels: Users, users with monitoring rights, users with archive viewing rights, users with custom rights, and administrators
- Watermarking to guarantee the authenticity of recorded data
- Modified RAID 0 recording: Data can be recorded on several hard disk units to eliminate loss of data in case of a disk failure

System Requirements

- Supports Windows 7 and 8
- Supported languages: Arabic, Chinese, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Icelandic, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, and Thai