

Added Value for Your Perimeter Protection



Perimeter protection and video management system

The purpose of perimeter protection is to prevent intrusion, detect intruders and track them, assess threats, decide the actions and gather evidence if needed. But not all incidents are caused intentionally: fire, gas leaks, and spreading of dangerous chemicals can cause serious damages to people indoors.

The first responders can act much more efficiently when they have an overview of the situation through surveillance cameras. With the help of wireless networks and mobile clients, the firefighters or police can have an access to the images already on their way to the site.

With VMS you can have one integrated surveillance system which provides visual information for faster actions and afterwards the possibly verify and analyze events for example for training purpose or improving processes.

According to studies human attention is reduced after 20 minutes. This might increase mistakes in surveillance. The growing amount of CCTV cameras requires, hence, more intelligence of the VMS system to reduce the amount of false alarms and focus on the right camera/event at the right time. For example, the surrounding wildlife or demanding weather conditions can cause a lot of false alarms.

As the data can be numerous a VMS which is intuitive and easy to use helps operators to make decisions quicker.

Ease of use

Despite its extreme adaptability, the driving design philosophy behind the Mirasys VMS Enterprise has always been ease of use – no matter how a system is being built and configured, it must be intuitive and fast to design and use. Even with the extreme scalability of Mirasys VMS Enterprise the user management is nice and easy. Handling hundreds of users and user groups is as easy as handling only few.

More intelligence

The Mirasys VMS Enterprise has in-built Video Content Analysis (VCA) that enables you to identify zones from cameras and trigger for example entrance and motion detection events (motion detection, advanced motion detection, hermeneutic



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motion detection). VCA enables also to alarm on certain behaviour of classified objects like enter / exit, direction, vehicle speed, stopping and dwell time. Based on the events, alarms can be triggered to create wanted actions: for example, show pop-up windows, specific recording action, or any other actions that support the efficient surveillance of the wanted area. Various scenarios can be created to Mirasys Rule Engine to connect events or escalate alarms. Scheduled sensitivity or masks of detection in defined areas is also possible if not everyone is allowed to see all. The events and actions are logged into Mirasys system and can be accessed through Mirasys Reporting. Mirasys VCA supports a wide range of cameras allowing flexibility when planning your future perimeter protection needs.

Efficient tracking with virtual cameras

In Mirasys VMS a user can choose interesting parts from the full recorded camera view and look those parts as separate camera views in live or playback. These virtual cameras can overlap, and their aspect ratio and zoom level can be

freely defined. Flexibility in aspect ratios is very handy for example in creating virtual views from corridors eliminating uninteresting elements like wall surfaces from the view. Virtual cameras require zero capacity increase from the network or storage, as Mirasys VMS processes everything from the single original feed, from which dozens of virtual views can be drawn.

Fast reaction and decision making

Integrating Mirasys VMS and other alarm systems like fire alarm, intruder detection, access control etc. will help operator's work significantly. When an alarm or abnormal situation happens you will get immediately and automatically to the video-wall live and recorded video pictures of that area. You will see at once what happens in the area and what happened just before the alarm. Decision making and possible corrective actions following that will become notably faster – you know right from the start what is facing you on the spot giving you more reaction time and improving safety on the spot. Using various layouts, ground plans and maps will visualize the surveillance situation event further.



Control vehicles in your area

Mirasys ANPR+ is a fully integrated solution to Mirasys VMS. It scales easily to suit the needs of businesses of all sizes which have any kind of need to control vehicles along the perimeter protection. ANPR+ provides a list management for car number plates to control and overview access to your areas with one or multiple entrances. Extremely configurable, ANPR+ allows the creation of various scenarios for number plate logging, entry and exit controls, and limited access controls through both black and white lists.



Examples of Mirasys perimeter protection usage areas are, for example, airports, power stations, prisons, harbors, railway stations, production facilities and corporate premises.

Mirasys Ltd. is one of the leading suppliers of open platform Video Management Systems (VMS). Mirasys surveillance systems are used for loss prevention, perimeter protection, building management, and enhancement of operational efficiency by customers from many industries in over 40 countries. Based in Helsinki, Finland, the company operates through sales offices and Mirasys representatives in cooperation with leading distributors, system integrators, security service providers and system manufacturers. More than 70.000 customers use Mirasys systems with nearly one million cameras. Mirasys supports over 2.000 validated IP camera models from leading manufacturers, thousands of compatible camera models and all analog cameras.

Additional information at www.mirasys.com.