

Control multi-monitor virtual matrixes and videowalls effortlessly



*Mirasys Agile Virtual Matrix is the perfect solution for surveillance centers, commercial centers, and multi-office environments. Mirasys AVM combines the feature rich environment offered by Mirasys VMS software with an extremely flexible interface for controlling an **unlimited number of surveillance monitors** in a customizable environment. Mirasys AVM is extremely flexible and configurable: monitor configurations, layouts, and event handling can be tailored according to any surveillance system's individual needs.*

Benefits

- **Ease of use** – Versatile control / keyboard options through the acclaimed, easy-to-use Mirasys Spotter user interface. The ease of use removes the time consuming need for training for the surveillance personnel.
- **Fast and Powerful** – Instant access to live and recorded video from any camera on any monitor. Can utilize thousands of cameras seamlessly and simultaneously in both real-time and playback modes as well as camera tours and PTZ.
- **Extensive tools** – Enhanced video display options improve ongoing surveillance and incident management through e.g. versatile search tools and controls.
- **Scalable** – Inherently scalable from five to unlimited virtual matrix monitors
- **Designed for Multi-Site, Multi-User** – Comprehensive tools to instantly update complete matrix or parts of matrix with content specific to single or multiple sites. Matrices are designed for multiple simultaneous operators and remote configuration

Extensive Sites on a Single Matrix

Mirasys Agile Virtual Matrix is a purely digital solution that enables any number of monitors to be linked to a vast video matrix system. A single Mirasys AVM solution can be easily configured to manage multiple Mirasys VMS software sites and thousands of cameras through the easy-to-use Spotter for Windows user interface.

Advanced Features

Mirasys AVM is fully compatible with Mirasys VMS products. Supporting all Mirasys VMS functionalities, Mirasys AVM extends to seamlessly support advanced functionalities such as flexible I/O controls, full scale video analytics (VCA), recordable two-way IP audio solutions and ANPR+ license plate recognition.

Extremely Configurable

How to support thousands of devices on a single video wall without losing information or effectiveness? Easily: Mirasys AVM layouts can be configured by monitor to display the information needed at the present moment, both in real-time and playback. Each screen can be arranged to present tailored

views, and screen configurations can bring essential and time-critical information up effectively. Large numbers of cameras can be accommodated with automated camera tours, and the system supports intelligent cropping functionality to balance varying camera resolutions.



AVM operator console

Mirasys AVM enables users to update complete or part of the matrix with a single mouse click or keyboard number selection. Multiple matrix sites can be updated as easy as a single local monitor. Multiple operators can collaborate on one or more matrix consoles. Operators can easily save and reopen new views with a view shortcut option. Mirasys AVM supports alarm monitor configuration, Alarm-reactive maps and also web browser control in the matrix monitors.

Enhanced Controls

Handling hundreds or thousands of devices has to be smooth to ensure the efficient operation of an alarm center. Mirasys AVM brings controllability to

the limelight. Easily controllable through the Spotter interface with CCTV keyboards and joysticks, keyboard shortcuts, and regular control devices. We believe that Mirasys AVM offers the smoothest and easiest available controls in any surveillance software.

Block-Based Architecture

Mirasys Agile Virtual Matrix comprises of a dedicated Operator Console client that guides a required number of Display Servers. Each Display Server can control up to four monitors. Thus, to create a video wall of 8 monitors (below), you would need one Operator Console client for controlling the Display Servers and two Display Servers, each of which would control four monitors.

The operating console contacts the Mirasys VMS system and guides the video streams from the recording servers to the Display Servers. A single system can contain as many Display Servers as necessary, and a large system can contain multiple operating consoles to balance the load.

System Requirements

- Windows 7, 8, 10 64-bit
- Mirasys VMS environment, Mirasys VMS Enterprise 7.5 or newer
- A Display Server for each 4 monitors
- Dedicated operating console for the AVM system

