



flexible

intelligent

solid

video management software

eLineTechnology.com

Experience unprecedented flexibility and freedom of configuration

Flexible Layouts



Flexible layouts allow for optimal placement of different sizes and formats of cameras on the screen. Create a layout of absolutely any format. Start with one of the standard layouts. Add rows and columns. Then resize the windows by clicking and dragging.

Multistreaming and Recompression



eyStream will select the appropriate stream from a multistreaming camera to match the display size. If the camera is transmitting only one high definition video stream, the video can be recompressed on the server and then transmitted to the client at a resolution appropriate for the display. This makes for an efficient use of bandwidth and reduces unnecessary data usage.



Interactive 3D Map



The interactive 3D map displays the viewing windows on top of site blueprints (uploaded in standard raster formats) or you can integrate with Google Maps. On the map, you can indicate the location of the cameras as well as mark sensors and detectors. Click a video window to immediately see where the relevant camera is located. Click a camera icon to see which window is displaying the feed.

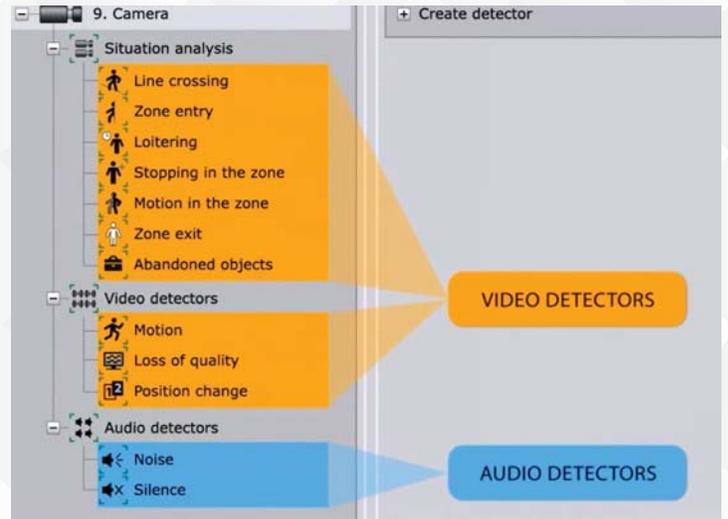
The map icons also manage devices: arming and disarming cameras, switching sensors on/off, and monitoring status.

When integrating with Google Maps, site layouts can be taken from Google Maps imagery. The map is downloaded from the internet during map configuration.

Video Analytics

eyStream has an interactive configuration mode for its detection tools. In the frame, the user sets areas, lines, and other parameters. Then the user clicks “Apply” and sees right away how the detection tool is functioning. All the events which trigger the tool are shown immediately. This lets you see at a glance whether the detection tool is working correctly.

After the tool is configured, there is an easy-to-use graphical interface for selecting the system reaction when the tool is triggered. These responses include writing video from the camera, sending an text message or email, playing a sound, or applying presets to rotate a PTZ camera.

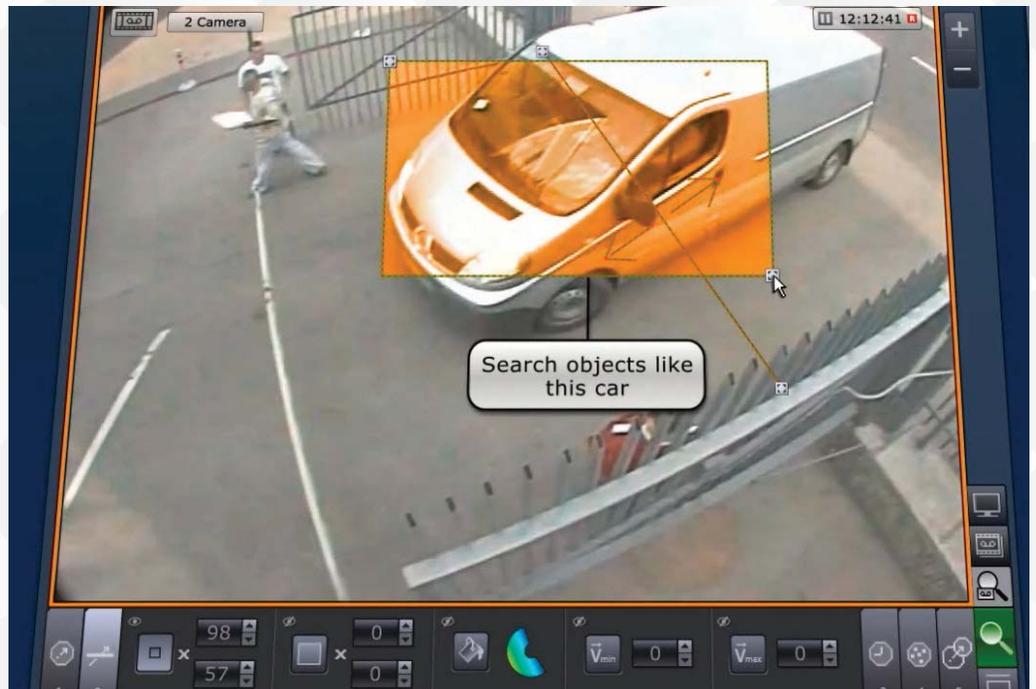


Forensic Search Engine

Imagine a “Google” for surveillance video... a search engine that constantly indexes information in your video archive and generates an index with metadata for quick search. That’s what eyStream’s Forensic Search module does.

Metadata is a summary of everything that happens in the video frame. Object type, location, size, direction of motion, speed, color, etc. are all described by metadata. And the best thing is that this happens without any preconfiguration on your part.

To find video footage, just use Forensic Search’s easy to use visual interface to narrow down your search. In just a few seconds, you will have links to video footage that fit your query.



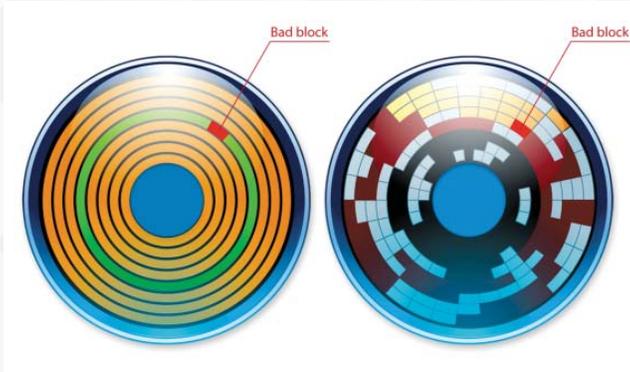
Time Compressor

eyStream’s Time Compressor allows the user to set a time range for video footage to get a short video clip of all moving objects in the scene. Objects and events captured at different times are displayed simultaneously in a condensed “video synopsis.” When you spot an object of interest, click to jump to playback of the corresponding video fragment.



Stability and reliability

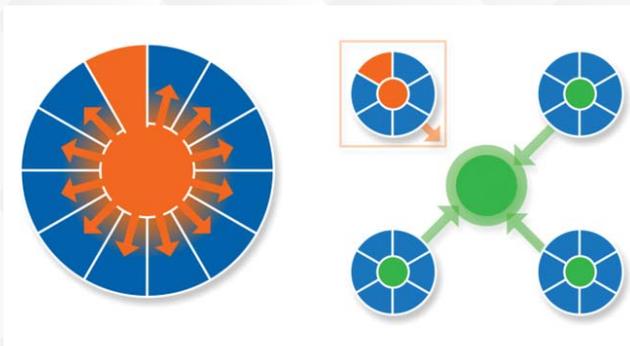
Solid Store



Often, the main bottleneck on VMS performance is the file system. Data fragmentation builds with time. Slow hard disk access negates the performance of even the fastest CPUs. Solid Store resolves the issue of fragmentation altogether, ensuring read and write times close to bare-metal speeds. Another benefit is that our file system reduces wear and tear on hard disks, thus increasing their service life.

Effectively, in Solid Store, damage to any data block on the disk causes only that particular block to be inaccessible, not the entire video archive. This helps maximize video storage reliability, which is absolutely crucial to video surveillance systems.

Micro-Module Architecture



If an error occurs in a certain micro-module, only that one is relaunched, without affecting the function of the system overall. This micro-module architecture allows for a VMS that is more stable than anything else on the market.

- Unlimited number of cameras, servers and remote clients
- Support for approximately 1,000 IP camera models
- Flat pricing - easy to budget and save
- Free upgrades
- Zero maintenance fees

Core Software

	Time Compressor	Video Analytics	Forensic Search
ELI-EYS-VMS-Core	X		
ELI-EYS-VMS-Logic	X	X	
ELI-EYS-VMS-Demo	X	X	X

Add-on Modules

ELI-EYS-Forensic Intelligent Forensic Search

Coming Soon: License Plate Recognition, POS, Access Control, Banking ATM, Facial Recognition

Server with eyStream Installed

ELI-EYS-SVR-L1 Lite Tower
Pentium, 4GB RAM, 500GB HDD for OS

ELI-EYS-SVR-L2 Lite Tower
i3, 8GB RAM, 128GB SSD for OS

ELI-EYS-SVR-S1 Standard Tower
ELI-EYS-SVR-S2 Standard Rack Mount
i7, 8GB RAM, 128GB SSD for OS

ELI-EYS-SVR-P1 Pro Tower
ELI-EYS-SVR-P2 Pro Rack Mount
i7, 32GB RAM, 128GB SSD for OS

ELI-EYS-SVR-E1 Enterprise Rack Mount
Xeon E5, 32GB RAM, 128GB SSD for OS

Analog Capture Card

ELI-EYS-16AnalogCard 16ch Analog Capture Card

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