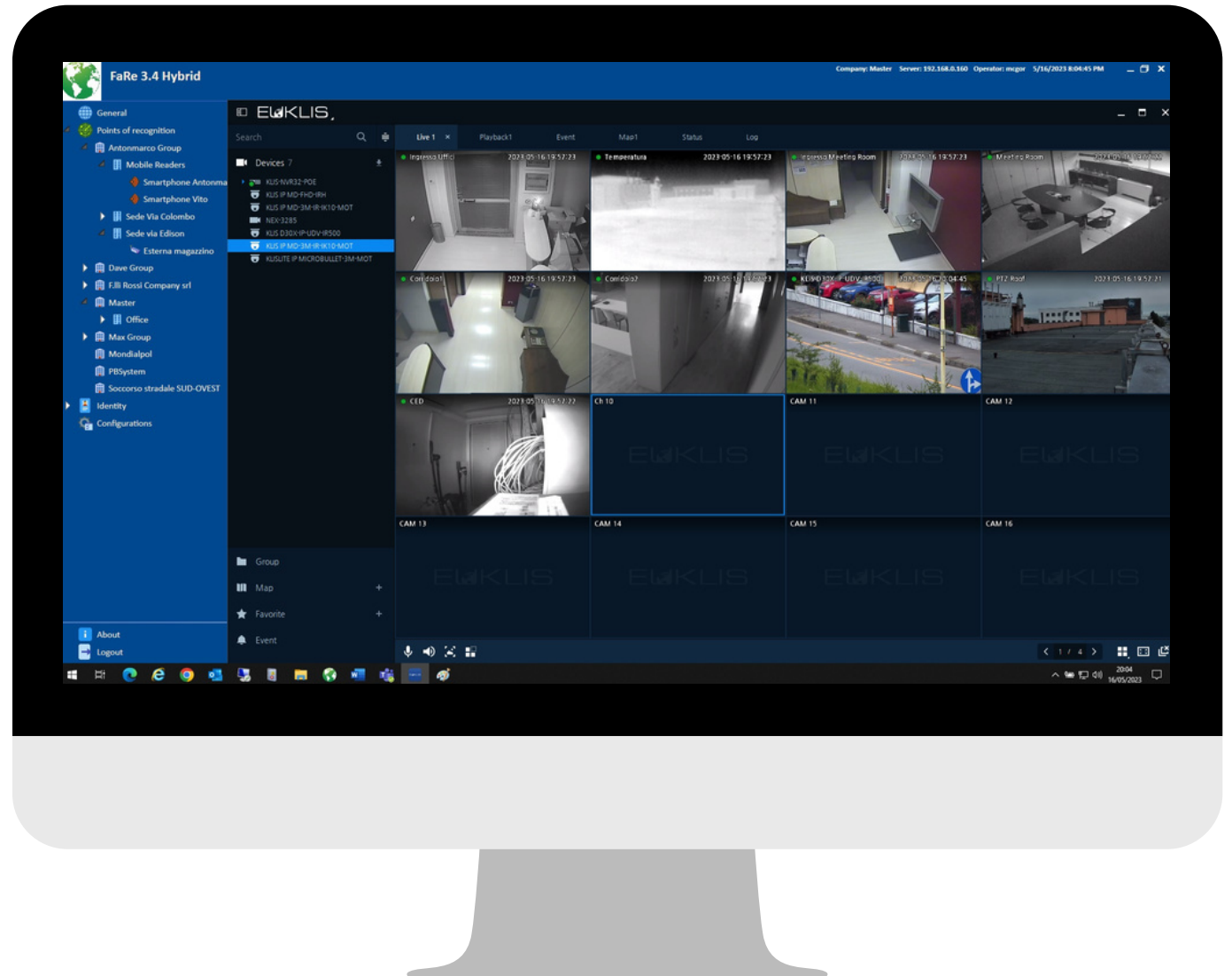# FaRe VMS

The Video Management System of FaRe Hybrid Platform

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PROTECTING PEOPLE AND PHYSICAL ASSETS

FaRe VMS (Video Management System) provides a powerful and cost-effective solution with outstanding technical features for companies thinking of a professional CCTV system.

FaRe VMS provides an easy and intuitive dashboard that empowers operators and successfully manages today's security needs and challenges.

Due to the 64bit Architecture and the pushed use of GPU, it offers the possibility to build more efficient and scalable systems.

BENEFITS

- Flexibility
- User-friendly interface with well-developed "camera status monitoring" function
- Scalability
- 64bit Architechture
- New i-GPU technology for even more high-resolution video streams to be displayed over time up to 4K quality.
- Onvif Profile S and T compliant ensuring independent camera operation.

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DISCOVER THE SPECIFICATIONS

RECORDING

Number of cameras	Recommended maximum: 80 cameras / server (depending on the type of cameras)
Number of ONVIF cameras and encoders	Recommended maximum: 60 cameras / server (depending on the type of cameras)
Video compression	Video Codec, MPEG4, H.264, H.265, MJPEG
Audio compression	G.711, G.726, AAC
Maximum recording speed	1200 fps / server
Event storage time	360 days
Local storage	Windows file systems (FAT32, NTFS)
Network Attached Storage (NAS)*	SMB/CIFS supported
Emergency storage*	Temporary storage if network storage is down
Long-term storage*	Increased storage time through filtering stored footage

DISCOVER THE SPECIFICATIONS

SYSTEM ARCHITECTURE

Multi-Server Site Support (FaRe-SITE)	Maximum 2-4 servers can be connected to compose a site*
Load Balancing (FaRe-SITE)	Load Balancing divides the network load evenly among servers. By enabling this feature the server storage use will be more balanced out while the system's overall reliability improves, and response times become shorter.
Camera Takeover (FaRe-SITE)	This feature ensures that in the event of a server failure recording is not interrupted. Other servers within the site automatically take over the cameras of the failed server for recording.
Domain Support (FaRe-DOMAIN)	Connecting individual sites (of diverse locations) into a single domain through wide area networks makes it possible to monitor all of the cameras of all of the sites from one client interface.
Max. connected clients	2 – unlimited*
Number of user profiles	2 – unlimited*
LDAP authentication	Supported*

DISCOVER THE SPECIFICATIONS

CLIENT USER INTERFACE

Live Monitoring	60 cameras simultaneously (on 2 monitors)
Split Screen Layouts	11 camera views 4:3 layouts (max. 5 × 6 cameras), 10 camera views 16:9 layouts (max. 5 × 4 cameras)
Display Resolution	Min.: 1366 × 768; Recommended min.: 1920 × 1080
Number of displays	Recommended max. 2 Monitors / Client
Monitor Wall Support*	Remote control of monitoring workstations; Select views; Select cameras
Views	Unlimited number of views; auto stepping of views
Intelligent Live View*	Automatic display toggle triggered by alarms
PTZ Control	Vector based PTZ control; Presets; Patrolling task; Intelligent 3D Map based PTZ control
Navigate Between Cameras*	Easy navigation from one camera to another (OSD arrows)
Interactive 3D Map*	Street Map; 3D Building View; Floor plans for each storey; Live View and Alarm Display
Panorama View*	Interlinked images of unlimited megapixel cameras even in multiple rows and Gigapixel resolution

DISCOVER THE SPECIFICATIONS

PLAYBACK FUNCTIONS

Multi-channel Playback	Maximum 16 cameras simultaneously; Forward/Backward; Fast (max 30×) or Slow Speed (min 0.2×)
Bookmarks*	Setting Bookmarks; Quick Playback; Export
Slideshow Search	Thumbnail based event search, using maximum 4 cameras simultaneously
PTZ Preset Based Playback*	Convenient playback of footage recorded in selected preset positions
Intelligent Event Browser	Interactive display of detector events with quick view
Intelligent Motion Search	Quick, metadata-based retrieval using virtual detectors
Intelligent Object Search	Searching for objects appearing and disappearing in the selected area

DISCOVER THE SPECIFICATIONS

EXPORT

Export Options	Still Image, Video Stream, Data export
Supported Video Formats	Video Codec, MPEG-4, H.264, H.265, AVI, MP4
Supported Image Formats	BMP, JPEG, PNG
Supported Data Formats	*.CSV (Excel), *.TXT (Text), SQL (MySQL, MSSQL)

ALARM MANAGEMENT

I/O Actions	Camera I/O control; controlling the I/O port of multi I/O devices connected to the server
Partitions	Detector scheduling, Creating action groups
Alarm actions	Send email; Go to PTZ preset; Log events automatically saved into database; Launch program; Camera alarm state action; I/O actions; Toggling Storage Mode

DISCOVER THE SPECIFICATIONS

INTEGRATION	
ONVIF	Multi-channel live video (MJPEG, MPEG-4, H.264, H.265); Audio support (G.711, G.726, AAC) with audio sensor; PTZ control (with Presets); Motion Detector; Event; I/O port support
RTSP	Multi-channel live view (MJPEG, MPEG-4, H.264, H.265) with server-side motion detector; Audio support (G.711, G.726, AAC) with audio sensor
Processing external events	Supported
Video SDK	Live View; Processing live events; Playback and Event Query; PTZ control

* depending on base package and licenses