

ESM 6 | Enterprise Video Management Software

Enterprise Surveillance Manager (ESM) is an enterprise-class video surveillance management and recording application designed to operate with commercial off-the-shelf IP cameras, servers, switches and storage. Through a web browser, both users and administrators can access the system from any network computer through a secure log-in, removing the need to install or license client software.

The advanced map navigation, thumbnail search, synchronized multi-camera playback, and alarm monitoring interface provides the most advanced unified video management software platform available in the industry today. ESM has the ability to seamlessly support unlimited cameras, locations, and users across a distributed infrastructure while offering hardware independence and centralized management.



Recording Features

- Configurable motion detection with depth perception
- Unique scheduled recording of cameras or facilities
- MPEG-4, MJPEG, H.264, and recording with audio
- Configurable recording frame rates and resolutions

Playback Viewing Features

- Simple archive access through motion histogram
- Search video on multiple cameras simultaneously
- Save video to the library for archival storage
- Video editing and annotation

Management Features

- Alarm monitoring interface for motion detection
- Email notification of alerts and system reports
- Advanced recording rules engine
- Audit trail with historical user activity log

Matrix View



License Plate Recognition



Key Features



Browser-based User & Admin Interface



No Camera MAC Address Required for Licensing



Case Management for Recorded Video



Motion Grooming of Recorded Video



Active Directory Support at No Additional Cost



Add-On License Plate Recognition



Thumbnail Motion-based Search



Advanced System Reporting



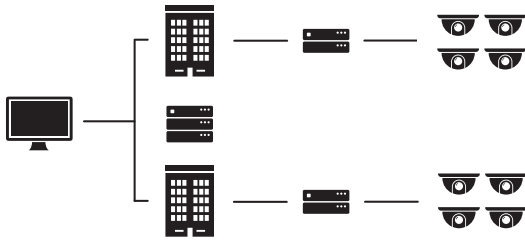
Forensic Export with Hash Key Verification



Unlimited Cameras, Servers, & Locations

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Distributed Architecture



The distributed architecture leverages a separate management server and one or more recording servers for more scalable applications. Each recording server operates autonomously for maximum reliability across multiple locations.

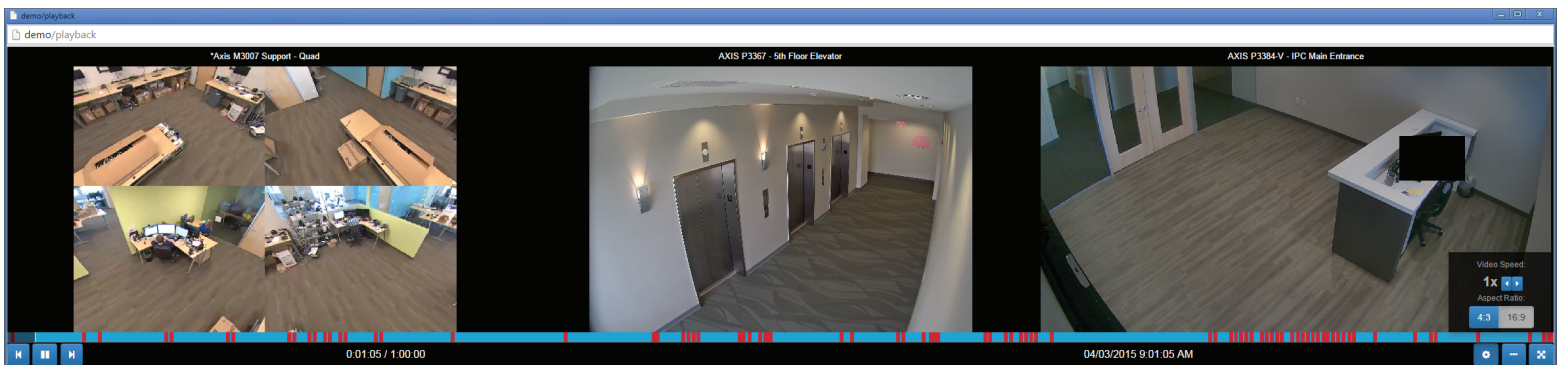
Standalone Architecture



The standalone architecture leverages a single ESM server with IP cameras or encoders on a local network. ESM is accessible locally or remotely through a web browser interface.

Technical Capabilities

<i>Supported Browsers</i>	Chrome, Safari, IE, Firefox, Opera	<i>Security</i>	Active Directory or Local Authentication
<i>Server Operating Systems</i>	Windows Server	<i>Pan-Tilt-Zoom</i>	Digital and Optical
<i>Client Operating Systems</i>	Android, iOS, Linux, Windows, OS X	<i>Search Analysis</i>	Thumbnail search, playback with motion events
<i>Hardware Platforms</i>	i686, x86_64	<i>Playback</i>	Multi- and single-camera modes
<i>Language</i>	English	<i>Export Format</i>	MOV, MKV with hash verification
<i>Video Compression</i>	MJPEG, MPEG-4, H.264	<i>Motion Detection</i>	Yes
<i>Camera Resolution</i>	Unlimited	<i>Recording</i>	Continuous, Motion-Only, Motion Grooming
<i>Camera Frame Rate</i>	Unlimited	<i>Reports</i>	Audit, Health, and Troubleshooting
<i>Camera Count</i>	Unlimited	<i>Network</i>	Gigabit Recommended



Recommended Server Specifications

	8-32 Cameras	32-64 Cameras	64-120 Cameras
<i>Baseline Processor</i>	Intel® i5 or i7	Dual 4 core Intel® Xeon	Dual 6 core Intel® Xeon
<i>Minimum RAM</i>	8 GB	8 GB	16 GB
<i>Minimum Storage</i>	1 TB	6 TB	6 TB
<i>64-Bit Operating System</i>	Windows Server 2012	Windows Server 2012	Windows Server 2012
<i>Database</i>	SQLServer Express 2008, 2012 or 2014	SQLServer Express 2008, 2012 or 2014	SQLServer Express 2008, 2012 or 2014
<i>SteelFin Server Match</i>	Tiger Server Line	Reef or Mako Server Lines	Mako or Whale Server Lines

Recommended specifications based on 1080p cameras at 10 fps under typical conditions

To learn more: 877-207-1112 or sales@ipconfigure.com