

Enterprise Service Manager



The **Enterprise Service Manager (ESM)** is a powerful server-based software application that manages the configuration, maintenance, user rights and more of any number of March Networks® recorders across any number of locations. As part of our Visual Intelligence software suite, the ESM provides large and multi-site organizations with centralized, complete and secure control of their entire video surveillance infrastructure.



CENTRALIZED CONTROL FOR MAXIMUM EFFICIENCY

The March Networks ESM provides administrators of larger video surveillance networks (15 recorders or more) with software tools that enable comprehensive remote management and resource optimization. The scalable application consists of core server-based software application and a number of powerful feature enhancements to the standard March Networks Administrator Console, which become available automatically in the user interface.

The ESM helps IT and other security system support staff increase efficiencies by centralizing the programming and maintenance of each recorder's configuration. It allows these administrators to copy recorder settings from one system to another for even faster, more consistent deployment, and it automatically restores the configuration of any recorder replaced in the field to maintain this consistency.

The ESM also improves system up-time and IT responsiveness by centralizing the real-time management of the health status of recorders, hard-drives, cameras and the overall network.

It provides remote diagnostic and upgrade tools, including the ability to schedule upgrades automatically during off-peak network times. Alert notifications are sent directly to the Administrator Console if video devices fall short of pre-set performance thresholds, and can be sent automatically via email as well.

FAST AND RELIABLE NETWORKING

To address short-lease DHCP challenges with ADSL or cable services, all recorders report their IP addresses directly to the ESM. System availability is enhanced through the ability to cluster multiple servers for load balancing and to create a redundant, fail-over environment.

FULL USER ACCESS CONTROL

The ESM provides control over access to the video network by enabling administrators to create and manage detailed user permissions. Recorders can be grouped by function, geography or other custom hierarchy to ensure that users can only access specific applications or recorders. This access control capability can also be integrated with existing IT user authentication systems.

FEATURES

- Centralized control of all recorder programming
- Copy and apply configuration templates across multiple recorders
- Automatic tracking of IP addresses in short-lease DHCP networks
- Full support for browser-based Command Client as well as the Visual Intelligence suite of clients
- Centralized management of all software version levels, software licenses, user profiles and system/feature access rights
- Automatic restoration of correct software versions, configurations and licenses on recorders that have been replaced
- Update scheduling for efficient and consistent network deployment
- Secure, encrypted user authentication and system connections
- Ability to integrate user authentication with existing IT login utilities
- Continuous, centralized performance and health monitoring of each recorder, hard-drive, camera, peripheral and network connection
- Automatic health alerting via email, based on thresholds
- Recorder time synchronization
- Clustering of ESM servers for load balancing and redundancy/disaster recovery¹

PART NUMBERS

- 26698 – Visual Intelligence Software Base CD
- 20088 – ESM Professional
- 20089 – ESM Cluster Server License
- 20125 – ESM Alarm Monitoring Site License

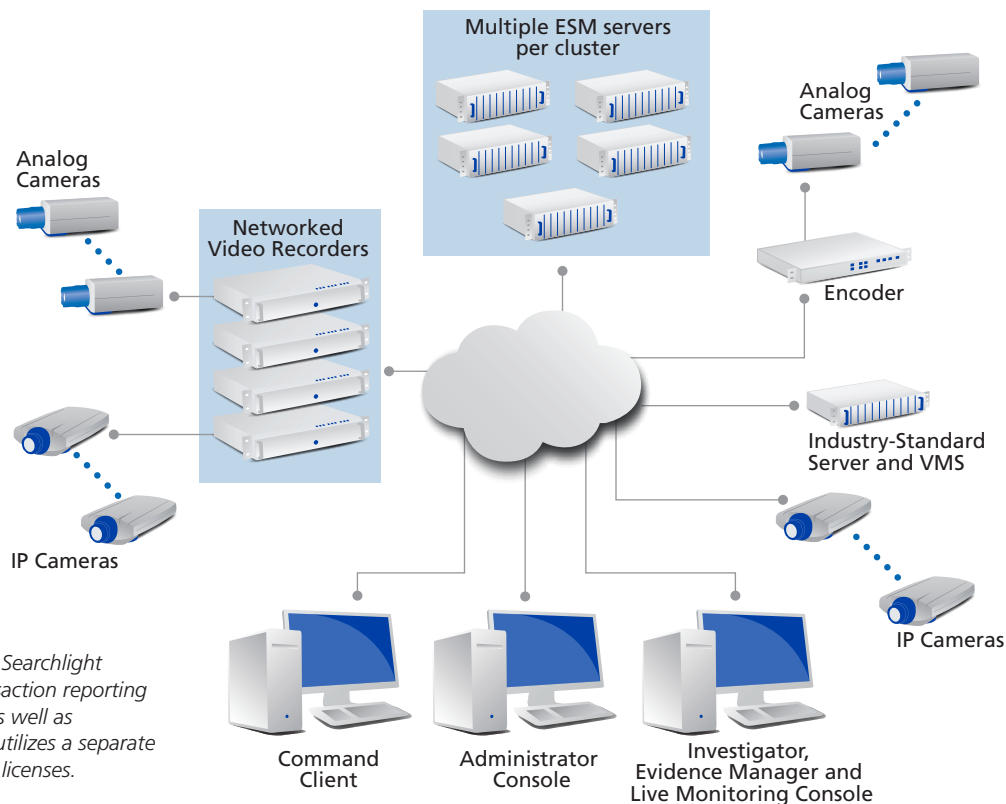
Technical Specifications

SERVER APPLICATIONS — ENTERPRISE SERVICE MANAGER

	Small Less than 10 recorders	Mid 10-100 recorders	Large Up to 8000 recorders
Operating System (OS)	Windows Server 2008 R2	Windows Server 2008 R2	Windows Server 2008 R2
Processor (CPU)	Dual Core Intel Xeon	Quad Core Intel Xeon	Dual Quad Core Intel Xeon
HDD Space	4 GB	6 GB	4 GB
Network Interface	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Memory	4 GB	4 GB 1333 MHz	8 GB 1333 MHz

CLIENT APPLICATIONS

	Visual Intelligence Client Suite
Operating System (OS)	Microsoft Windows XP SP3, Windows 7
Processor (CPU)	Dual Core Intel Core 2 or better
HDD Space	Up to 50 MB
Network Interface	Gigabit Ethernet
Memory	2 GB (minimum), 4 GB (recommended)
Video Card	Any video card (128 MB per monitor minimum) capable of 24-bit color depth (true color)
	Command Client
Operating System (OS)	Windows 7, Windows 8, Mac OS X 10.6 (Snow Leopard)
Processor (CPU)	Dual Core Intel Core 2 or better
HDD Space	50 MB
Network Interface	Gigabit Ethernet
Memory	2 GB (minimum), 4 GB (recommended)
Video Card	Any video card (128 MB per monitor minimum) capable of 24-bit color depth (true color)
Web browser	Microsoft Internet Explorer 9 (or later, Windows OS only), Google Chrome (latest version, Windows OS only), Firefox (latest version), Safari 5 (Mac OS X Snow Leopard only) with Microsoft Silverlight 5.x browser plug-in



NOTE: The optional Searchlight application for transaction reporting and investigation, as well as operational audits, utilizes a separate server and separate licenses.

NOTES: ¹ Professional and Cluster Server licenses required

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