

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 video platforms across any number of locations. An enhancement to our R⁵ Visual Intelligence Software Suite, it provides large and multi-site organizations with centralized, complete and secure control of their entire video surveillance infrastructure.

Key Features

- Compatible with all March Networks video platforms, including video recorders, encoders and Video Operating System-enabled servers
- Centralized control of all video platform programming
- Ability to copy and apply configuration templates across multiple video platforms
- Automatic tracking of IP addresses in short-lease DHCP networks
- Centralized management of all software version levels, including update scheduling for efficient and consistent network deployment
- Centralized management of all software licenses
- Automatic restoration of correct software versions, configurations and licenses on video platforms that have been replaced
- Centralized management of all user profiles and system/feature access rights
- 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 video recorder, hard-drive, camera, peripheral and network connection
- Automatic health alerting via email, based on thresholds
- Video platform time synchronization
- Automatic distribution of video platform lists to users, based on permissions

- Clustering of up to five ESM servers for load balancing and redundancy/disaster recovery¹
- Support for a growing family of enterprise-class visual and business intelligence applications for specific market needs²
- ESM application with five ESM server connection licenses provided with each video recorder

Centralized control for maximum efficiency

The March Networks™ ESM provides administrators of larger video surveillance networks (e.g. 15 video platforms or more) with software tools that enable comprehensive remote management and resource optimization. The scalable application consists of core, server-based software and a number of powerful feature enhancements to the standard March Networks R⁵ 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 video platform's configuration. It allows these administrators to copy video platform settings from one system to another for even faster, more consistent deployment, and it automatically restores the configuration of any video platform 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 video platforms, 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, for example. 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 to designated addresses as well.

Fast and reliable networking

To address short-lease DHCP challenges with ADSL or cable services, all video platforms 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. Video platforms can be grouped by function, geography or other custom hierarchy to ensure that users can only access specific applications or platforms. This access control capability can also be integrated with existing IT user authentication systems.

Features

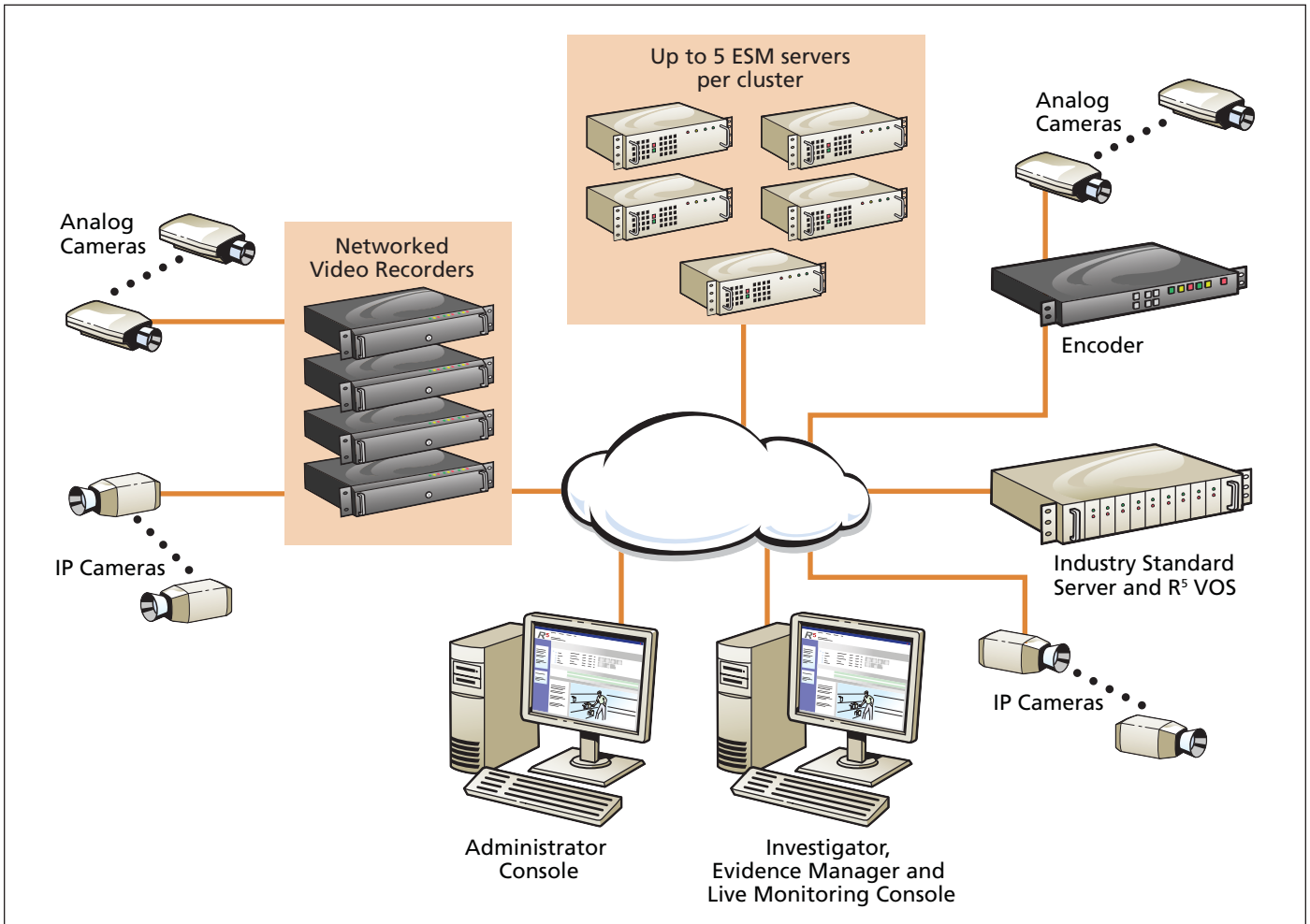
ENTERPRISE SERVICE MANAGER

Scalable system and application management

The ESM brings efficiency and reliability to the monitoring and management of multiple video platforms. In addition, it provides management over our modular licensing model to support easy,

cost-effective growth.³ All managed video platform licenses are administered through this software, as are licenses for our Financial and Retail Transaction Investigation software options, which integrate video with Automated Teller Machine/teller or Point-of-Sale transaction systems. And as

March Networks expands the ESM and other tools with further business optimization and intelligent video applications, the ESM will continue to increase in power and add value to these advanced video surveillance deployments.



Technical Specifications

Server Platform: Minimum 1 GHz P4 Class; 1 GB RAM; 40 GB Hard-Drive; Windows 2003 Server OS; second server required for redundancy; multiple servers, to a maximum of 5, recommended when recorder number exceeds 500.

Client Application Platform: Minimum 1 GHz processor; 512 MB RAM; screen resolution of 1024x768; Windows XP OS. 2 GHz processor and screen resolution of 1600x1200 recommended when deployment exceeds 500 video platforms.

Notes:

¹ Professional and Cluster Server licenses required

² Contact March Networks for more information

³ Base package supports one server and up to five video recorders

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Printed in Canada

2937

PN 060-3018-00-D

North America:	1 800 563 5564
Latin America:	613 591 8181
Europe, Middle East and Africa:	+44 1 291 436027
Asia Pacific:	+852 2508 9780
www.marchnetworks.com	

March Networks
Corporate Headquarters
Tower B, 555 Legget Drive
Ottawa, Ontario Canada
K2K 2X3 613 591 8181

