

MARCH NETWORKS COMMAND

March Networks® **Command**® provides a single, web-based interface for managing your video surveillance infrastructure. It is the industry's most comprehensive, end-to-end video surveillance solution, allowing you to discover, monitor, manage and configure your video surveillance assets more quickly and easily. Command guarantees that the video your business relies on is available when you need it.



INNOVATION

We know that the search to find the best and most innovative video surveillance solutions for your organization can be a difficult process. Why isn't there a single solution that acknowledges and facilitates efficient systems management, while ensuring that the IP network, servers and storage, and video surveillance technologies all act in concert? Now there is, and it's called March Networks Command.

OPTIMIZED VIDEO SURVEILLANCE

Command gives you all the control you need to address security concerns in the 21st century. No matter how large or diverse your video surveillance environment, Command enables you to discover and monitor devices efficiently, and provides you with the tools to deploy and maintain your solution so you can focus on what is important to your business.

Command helps you optimize your video surveillance systems, and combine them with other March Networks technologies, including powerful IP camera imaging technology, advance video content analytics, and innovative functionality such as Shadow Archive synchronization for storage protection. But that's just the beginning.

The surveillance solution includes server-to-server remote video gateway technology that links Command recording servers together, while reducing network bandwidth consumption based on the system's unique needs. Whether the recording servers are located at a head office or on the other side of the world, if a problem arises, simply launch a Command web session to review the issue and quickly resolve it.

SCALED FOR YOUR VIDEO SURVEILLANCE NEEDS

March Networks Command provides you with the scalability that your growing organization relies upon – whether you are a small business with 16 cameras or a large global enterprise with hundreds of locations and thousands of surveillance cameras. Command lowers the total cost of owning corporate video surveillance assets, reduces implementation and deployment time, and automates manual processes, while standardizing, consolidating and streamlining your video solution.

FEATURES

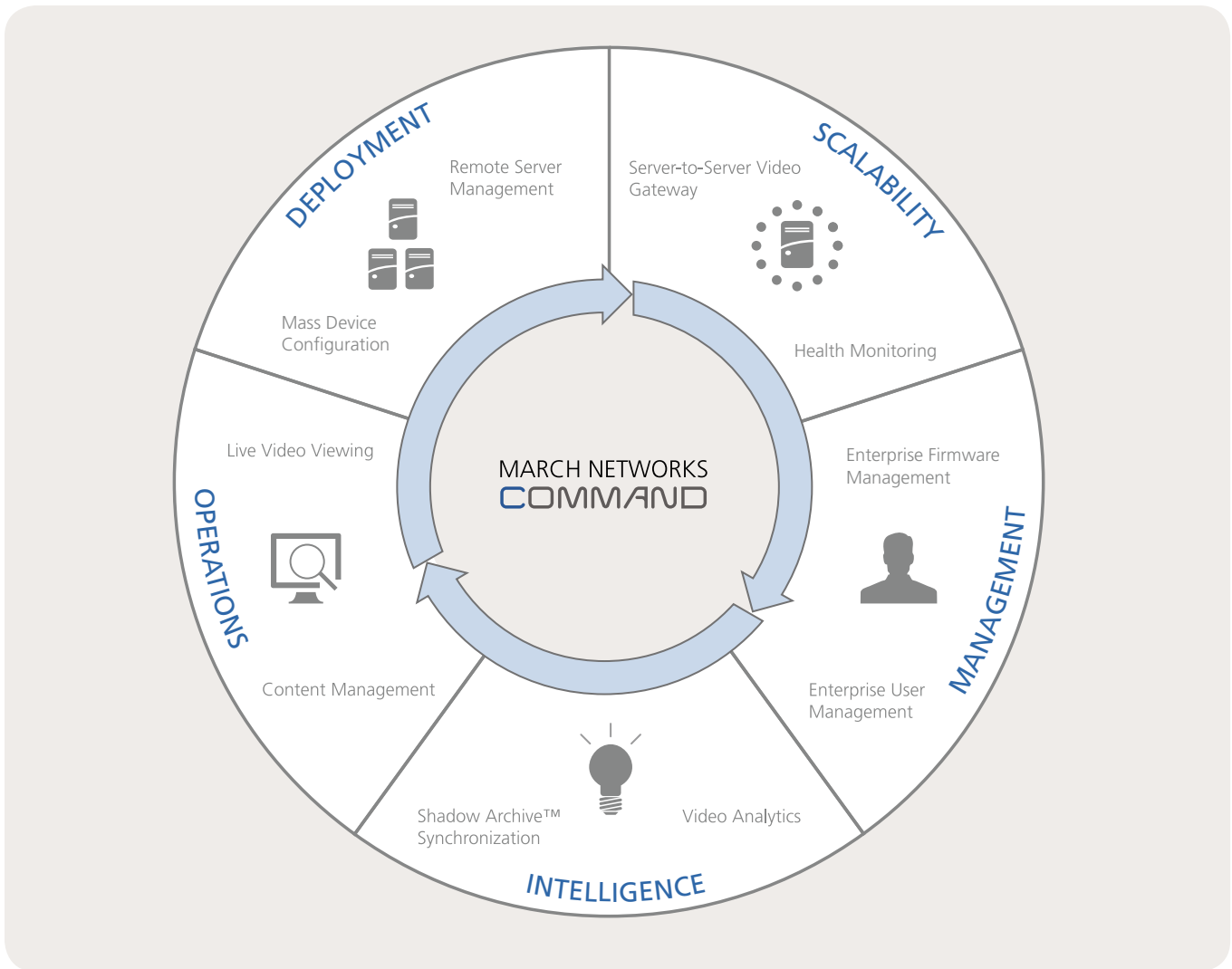
- Web-based interface for access to video anytime, anywhere
- Shadow Archive™ synchronization for total fail-safe management
- Mass management to improve installation, deployment and management efficiency
- Distributed architecture that delivers flexible storage configurations
- Open SQL database
- ONVIF™ compliant
- User authentication
- Optional video analytics

One Size, One View, One Solution

To ensure flexibility, Command comes in two versions, each with the same user interface and the ability to scale as your organization grows.

Command offers organizations with single-server environments a set of powerful video management tools that scale simply and cost effectively. The software delivers video protection functionality, including redundancy, Shadow Archiving and Shadow Archive synchronization to ensure that the video you rely upon is available when you need it. As an added benefit, if your organization outgrows 128 cameras in a single system, the Command server can become a Command recording server within a Command Enterprise environment with absolutely no upgrading or infrastructure changes.

Command Enterprise delivers the scalability and distributed architecture required by large, enterprise-class video surveillance infrastructures. Its centralized user authentication, device mass configuration and firmware management reduce the overall cost of owning a video surveillance solution. And unlike software-only platforms, Command Enterprise offers an end-to-end management solution for large-scale deployments, which includes innovative technology such as Shadow Archiving for distributed recording redundancy, and a remote video gateway for the bandwidth control many IT leaders look for in truly network-centric products.



Complete Video Surveillance Systems Management

With March Networks Command you get:

Scalability | Management | Intelligence | Operations | Deployment

Command's web-based user interface allows you to access the video you need to make decisions from any location, at any time.



WHY COMMAND?

- **Shadow Archive Synchronization** – Lets you synchronize recorded video from your smart IP edge devices with centralized recorded video when a specific element within your video network is unavailable (scheduled server maintenance, lost network connectivity, power loss, etc.).
- **Mass Management** – Allows you to configure, deploy and manage many March Networks edge devices at the same time, which reduces time to install, deploy and manage your video surveillance network.
- **Command Recording Server** – Built on years of video management experience and innovation, the Command Recording Server is a vital component of both Command and Command Enterprise solution offerings. It is the primary archiving component of your Command solution.
- **Video Gateway** – Allows you to link Command recording servers in remote locations with central video management gateways to reduce the number of video streams being pulled over Wide Area Networks (WANs) or other low bandwidth environments.
- **Distributed Architecture** – Command supports storage configurations that include recording directly onto IP edge devices, hybrid video recorders, NAS-based storage and central storage solutions.
- **Web-Based Technology** – Our web-based user interface allows organizational stakeholders to access the video they need to

make decisions from any location, at any time.

- **Platform-Independent** – Command enables users to access video from a variety of operating system platforms including Windows® XP, Windows 7 and MAC OSX.
- **Database Flexibility** – Many systems require you to use a specific SQL database technology. Our solution lets you migrate the Command platform onto your SQL platform, regardless of whether that platform is MYSQL, Microsoft SQL, Oracle or another SQL Server platform.
- **Lower Cost-of-Maintenance** – The Command web-based interface means that no maintenance or troubleshooting is needed on the client side when a server is upgraded.
- **Secure** – We designed Command with IT security in mind. The surveillance solution incorporates standard IT technologies such as LDAP Authentication and other security components to prevent unauthorized access to your video security network.
- **Open** – Command supports important standards such as ONVIF and meets H.264, MPEG-4 and M-JPEG compression technology requirements.
- **IT Standards** – Command utilizes existing IT user authentication systems (e.g. Windows Active Directory) and standard network storage protocols for NAS recording.
- **Multi-Streaming** – Use more than one video stream from any one IP edge device with Command to reduce network bandwidth and video storage requirements and increase the efficiency of live video viewing and other applications.
- **Virtual Matrix** – In conjunction with our VideoSphere SiteManager and Decode Station VX software, Command enables organizations to manage network-based video walls without the need for traditional CCTV matrix equipment.
- **Redundancy** – Command's exceptional video protection and redundancy is unlike anything available in the video surveillance industry today. It incorporates synchronized edge-based recording, edge device NAS-based recording, and edge-based recording on standard commercial servers and storage, as well as hybrid video recorders, centralized video recording or any recording technology combination to guarantee that your video records are available when you need them.
- **Video Analytics** – An innovative family of March Networks video analytics¹ adds system intelligence to the process of detecting, classifying and tracking suspicious activity captured in the surveillance video. From camera tampering or perimeter breaches to lengthy lineups, staff can be automatically alerted to significant incidents and can respond more immediately and effectively.
- **HD Video** – Command supports the highest resolution video to accommodate the increasing use of HD cameras and ensure the best quality video evidence.

March Networks Command

Feature/Functionality/Support	Command	Command Enterprise
Maximum Camera Support	128	128,000
Maximum Command Recording Servers Per System	1	10,000
User Interface	Web-Based	Web-Based
Server Operating System	Microsoft Windows 2008 R2	Microsoft Windows 2008 R2
Windows 7 Client Support	✓	✓
Server Virtualization Support	✓	✓
Windows XP SP3 Client Support	✓	✓
Command Recording Server 2.2	✓	✓
MAC OS X Client Support ²	✓	✓
Shadow Archive	✓	✓
Shadow Archive Synchronization	✓	✓
ONVIF Device Support	✓	✓
Remote Video Gateway	✓	✓
H.264 Support	✓	✓
MPEG-4 Support	✓	✓
HD Video	✓	✓
Multiple Streaming Support	✓	✓
Recording Server Failover	✓	✓
Recording Server Redundancy	✓	✓
System Mapping ³	✓	✓
Event Actions ³	✓	✓
VideoSphere SiteManager Client	✓	✓
VideoSphere Decode Station VX ³	✓	✓
VideoSphere Video Analytics ³	✓	✓
License Plate Recognition ³	✓	✓
Active Directory (LDAP)	✓	✓
7000 Series NVR Support		✓
4000 C Series NVR Support ¹		✓
Mass Configuration		✓
Enterprise Firmware Management		✓
Multiple Recorder Support		✓
Central License Management		✓
Open SQL Database Support (Oracle®, Microsoft®, MySQL®, etc)		✓

NOTES: ¹Limited to live & archive video viewing.

²Web-client support only.

³SiteManager required.

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