DVR Management Tools

The March Networks™ Digital Video Recorder (DVR) Management Tools provide security supervisors and staff, appropriate third-parties, and IT support teams with the features and control they need. These tools enable comprehensive video surveillance, monitoring and security over IP networks, in applications including banking, retail, commercial and government facilities, and transportation.

Key Features

March Networks DVR Management Tools provide:
- Local and remote DVR configuration and management
- Automatic health status monitoring
- Live and recorded video viewing with multi-screen display
- On-screen control of PTZ cameras
- Extensive control of motion detection, including masking
- Complete video search and review tools
- Shuttle control for rapid video scanning
- Easy video clip export with encryption and authentication seal[1]
- Immediate notification of events or status alarms
- Compatibility with full Enterprise Management Suite[2]
- Consistency across all March Networks DVRs
- English or Spanish language support

Versatile tools, for full DVR control

March Networks DVR Management Tools provide authorized users with a complete set of functions for configuring and controlling a broad network of DVR systems. They also help system integrators and internal IT teams provision, test and maintain system installations rapidly. By providing centralized management of all DVRs, this software improves security department effectiveness and cost of operation.

Multi-user local or remote capability provides immediate access to live and recorded video. Password security ensures only authorized users can retrieve and view this video. Unlimited scalability ensures new cameras, alarms, storage capacity, and DVR units themselves can be added to any network easily. This scalability includes working seam-lessly with our Enterprise Management Suite[2] in larger or multi-site customer installations.

Our DVR Management Tools are packaged in four user applications:
- DVR Configuration Tool – for system administration as well as live and recorded video viewing and management
- DVR Viewer – for live and recorded video viewing and management (search, retrieval, export etc.)
- DVR Mobile Viewer – for PDA-based mobile video viewing
- DVR Player – freely available software for video playback

The DVR Configuration Tool and DVR Viewer application are core to all our video systems. The Configuration Tool manages any number of local or remote DVRs, recognizing any new unit added to the IP network automatically. This tool controls the settings and characteristics of all video inputs, audio inputs, alarms and peripheral devices connected to the DVR.

The DVR Viewer enables users to view live video, and associated 2-way audio if desired, and to search recorded video from any DVR. Advanced search functions based on time/date, alarm, motion activity, ATM or POS transaction data, allow users to retrieve relevant video clips instantly, at any time, from any point on the network. The Mobile Viewer makes this capability to view live or recorded video available to mobile security staff via their PDA.

The DVR Player, which is included automa-tically when evidence CDs are burned, and is also freely downloadable from our website (www.marchnetworks.com), enables video clip playback by third parties such as law enforcement agencies and the judiciary, and includes secure authentication[1] of the video. All these applications are available in English or Spanish language format, and all function consistently across the March Networks product family.

Technical Specifications

	DVR Configuration Tool	DVR Viewer	DVR Mobile Viewer	DVR Player
Primary application	administration & management	user client	PDA client	3rd party video playback
Video payback	✔	✔	✔	✔
Multi-window viewing	1-16	1-16	1	1-16
Video authentication[1]	✔	✔		✔
Real-time viewing	✔	✔	✔	
Search and retrieval of recorded video	✔	✔	✔	
Monitor video on alarm		✔		
Auxiliary site information display		✔		
Copy, save and print images	✔	✔	✔	
View audit log	✔			
DVR health status monitoring, with hard-drive mirroring and management	✔			
Remote configuration, restore and upgrade	✔			
System access	unrestricted for administrators, none for other network users	restricted, administrator defined	limited to viewing only	none
System deployment	typically 1-5 per networked system for administrators and managers	multi-user for selected staff, plus at each remote location	mobile users with wireless access	freely distributable

Additional Feature Highlights

Video Recording: H.263 or ISO-compliant MPEG-4 video compression; average file size ~2KB/frame; administrator defined transmission bandwidth

Recording Modes: Continuous, pre/post-alarm, transaction, scheduled, on motion detection (with masking and sensitivity)

Display Modes: 1-16 channel; real-time, replay, on alarm, time/date, transaction

Video Search: On alarm, event, motion detection, activity scan, time/date with time zone reference, ATM or POS transaction number with Card Number and amount

Video Export: JPEG or BMP still images; security sealed[2] .AVI clips with time/date stamp; auto-run Player included on export

Minimum System Requirements

DVR Configuration Tool and DVR Viewer: Pentium II/450 MHz or better; Windows®95/98/NT®/ME/2000/XP; 128 MB RAM; 24X IDE CD-ROM drive; 50 MB free disk space; DirectX recommended

DVR Mobile Viewer: Pocket PC 32 MB RAM; Windows CE

Notes: [1] SHA (Secure Hash Algorithm) of Digital Signature Standard [U.S. FIPS PUB 180-1, 1995].
[2] See Enterprise Management Suite datasheet (060-2909-00).
[3] See Price List or contact March Networks for ordering information and added options, including Spanish variants.

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

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

w w w . m a r c h n e t w o r k s . c o m