

MAXPRO® VMS

www.honeywellvideo.com

VIDEO MANAGEMENT SYSTEM

Honeywell's latest innovation in the field of video management and surveillance technology offers integration of legacy analog video with IP-network cameras and recorders, including advanced video analytics. Users can benefit from using traditional analog systems and IP-network systems at the same time to ensure maximum use of their initial investments.

Honeywell's MAXPRO® VMS (Video Management System) controls multiple sources of video subsystems in a facility to collect, manage and present video in a clear and concise manner. MAXPRO VMS intelligently determines the capabilities of each subsystem across various sites, allowing video management of any analog or digital video device through a unified configuration and viewer. The subsystems can be analog matrix switches or digital/network video recorders allowing any analog or digital input to be viewed on analog or digital monitor. These subsystems can range from Honeywell and 3rd party matrix switchers and Honeywell and 3rd party DVR/NVR's.

MAXPRO VMS is highly scalable so users can easily expand their video surveillance network as required. Using an open architecture framework, MAXPRO VMS is able to integrate with existing video infrastructures and a multitude of third-party components available now and in the future. Additionally, MAXPRO VMS includes integration with Honeywell's Pro-Watch® security management system, Active Alert® and People Counter video analytics, as well as other Honeywell products and solutions. The feature-rich user interface of MAXPRO VMS truly offers a unified management platform across many disparate systems to further embody Honeywell's concept of "Learn One, Know them All."

Market Opportunities

MAXPRO VMS is ideal for facilities requiring at-risk critical infrastructure protection such as airports, seaports, large multi-site commercial buildings, casinos, and other high-profile facilities. It is the perfect client-server video management solution for locations requiring the use of both digital and analog technologies.

Features

- Feature-rich and user-friendly interface to view video and configure devices from a single point
- Integrates with Pro-Watch to enable superior access control with a wide range of video capabilities
- Role-based operator privileges
- Redundant server configuration increases system reliability
- Operators can log on using their local language and the built-in messaging system allows operators to share video scenes via instant messages.
- Auto-discovery of cameras connected to Rapid Eye, Fusion, IP Engine and Enterprise recorders
- User-defined macros let you execute commonly performed operations with ease
- An extremely powerful macro programming language is available to fully customize actions based on events.
- Surrounding cameras mode with presets, makes following subjects of interest simple and efficient.
- Incident management mode creates a single clip with multiple cameras at different times and maintains salvo layout if desired
- Remote monitor mode allows control of a remote monitor while viewing on the local monitor at the same time, improves operator efficiency
- Control any monitor, whether analog or digital, from a single workstation or joystick keyboard. Allows for simple control of video wall
- Ability to investigate events and alarms by simultaneously viewing alarm video at various stages. For every alarm, users can view the video captured during pre-alarm, on-alarm, post-alarm, and also view live video from the camera which triggered the alarm
- Enriched video viewing experience through the intuitive video rendering engine that optimizes CPU utilization by altering the video frame rate
- Search and find video through event view or timeline. Preview search allows viewing a snapshot at various times to quickly narrow the scene of interest. Commentable bookmarks allow for easily returning to scenes of interest



MAXPRO VMS Client Viewer 2x2

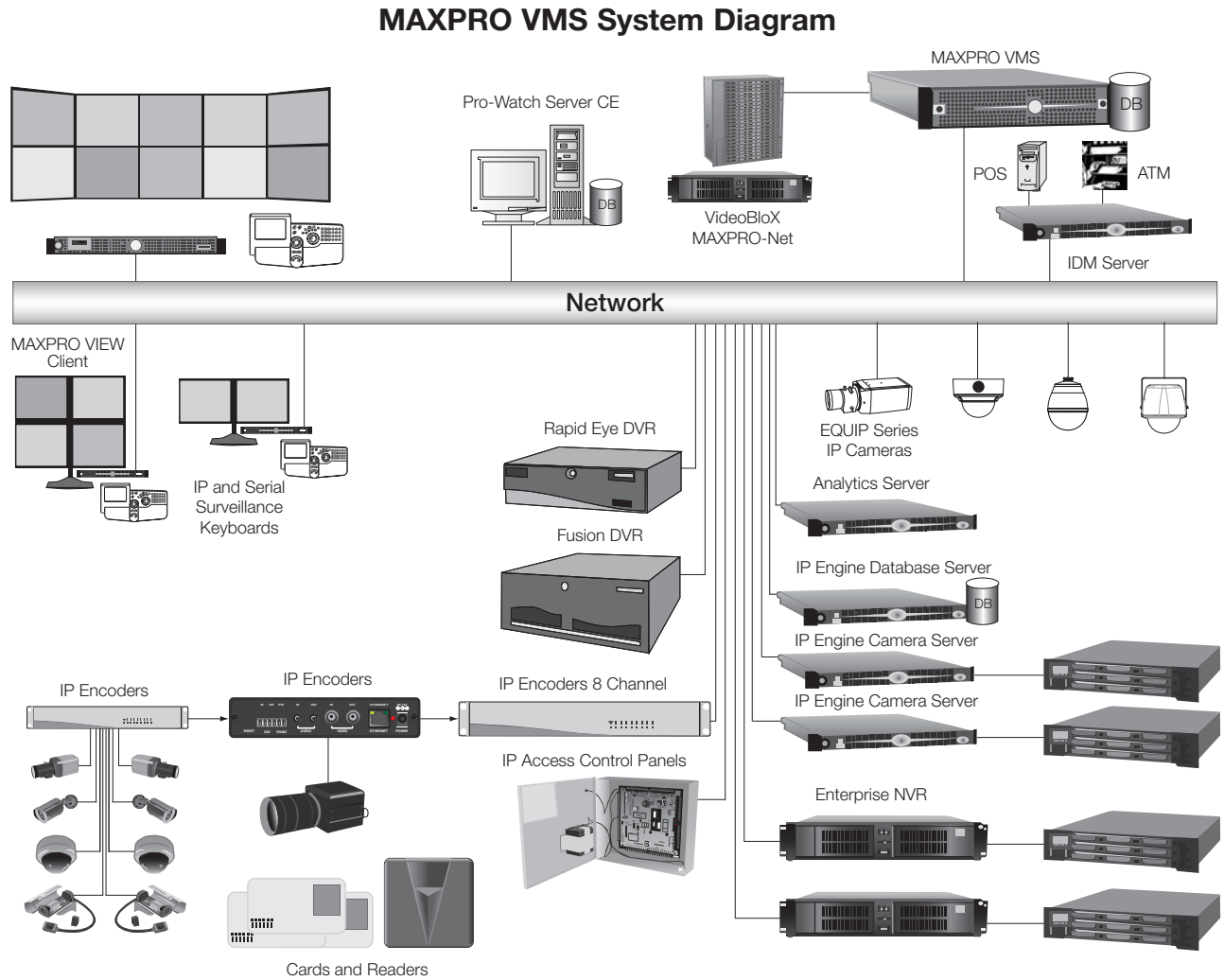


MAXPRO VMS Client Viewer 4x4

ARCHITECTURE

MAXPRO VMS is based on client-server architecture for maximum flexibility, customization and integration. It offers one-click migration support from analog matrix systems. The MAXPRO VMS client enables the monitoring of sites and the configuration of video devices such as cameras, monitors, keyboards, etc. The MAXPRO VMS server consists of the MAXPRO VMS framework controller and database, and other core components.

The following diagram illustrates the MAXPRO VMS architecture and associated components:



RECOMENDED HARDWARE SPECIFICATIONS

Specification for the MAXPRO VMS Standard Server	
Processor	Dual Core Intel Xeon® 3.0 GHz
Memory	Minimum 4 GB of RAM
Hard Disk	Two separate hard drives or two sets of RAID arrays 10K RPM SATA 150 GB or 10K-15K RPM SAS 146 GB
Secondary Storage	DVD-R drive and a 3.5" 1.44 MB floppy disk drive
NIC	1 Gigabit network interface card or compatible pair
Keyboard / Mouse	12 function-key keyboard and mouse
Graphics Adapter	Display adapter that supports 32-bit color or higher
Operating System options	Windows Server 2003 R2 (32-bit only) or Windows Server 2008 R2
Database	Microsoft SQL Express 2008 is automatically installed while installing MAXPRO VMS Server
Virtual Environment (server only)	VM Ware ESX Ver 4 & V Sphere 4 compliant
Monitor Resolution	1280x1024 pixels; 65K colors non-interlaced
Specification for the MAXPRO VMS Standard Client	
Processor	Intel™ Core®2 Duo 3.00 GHz Dual Core 3.00 GHz/1333 MHz/4 MB L2
Memory	Minimum 4 GB of RAM
Hard Disk	Single separate hard drive or one RAID array utilizing 10K RPM SATA 150 GB or 10K-15K RPM SAS 146 GB
Secondary Storage	DVD-RW drive and a 3.5" 1.44 MB floppy disk drive
NIC	1 Gigabit network interface card
Keyboard / Mouse	12 function-key keyboard and mouse
Graphics Adapter	Display adapter - Direct X 9 compatible 128 MB per monitor or greater
Operating System options	Microsoft® Windows XP Professional SP2 (32-bit only) or Windows 7 Pro (32-bit and 64-bit)
Database	Microsoft SQL Express 2008 is automatically installed while installing MAXPRO VMS Server
Monitor Resolution	1280x1024 pixels; 65K colors non-interlaced

Specification for the MAXPRO VMS Performance Server	
Processor	Quad Core Intel® Xeon® 3.0 GHz
Memory	Minimum 4 GB of RAM
Hard Disk	Two separate hard drives or two sets of RAID arrays 10K RPM SATA 150 GB or 10K-15K RPM SAS 146 GB
Secondary Storage	DVD-R drive and a 3.5" 1.44 MB floppy disk drive
NIC	1 Gigabit network interface card or compatible pair
Keyboard / Mouse	12 function-key keyboard and mouse
Graphics Adapter	Display adapter that supports 32-bit color or higher
Operating System options	Windows Server 2003 R2 (32-bit only) or Windows Server 2008 R2
Database	Microsoft SQL Express 2008 is automatically installed while installing MAXPRO VMS Server
Virtual Environment (server only)	VM Ware ESX Ver 4 & V Sphere 4 compliant
Monitor Resolution	1280x1024 pixels; 65K colors non-interlaced
Specification for the MAXPRO VMS Performance Client	
Processor	Intel™ Core®2 Extreme 3.00 GHz Quad Core 3.00 GHz/1333 MHz/12 MB
Memory	Minimum 4 GB of RAM
Hard Disk	Single separate hard drive or one RAID array utilizing 10K RPM SATA 150 GB or 10K-15K RPM SAS 146 GB
Secondary Storage	DVD-RW drive and a 3.5" 1.44 MB floppy disk drive
NIC	1 Gigabit network interface card
Keyboard / Mouse	12 function-key keyboard and mouse
Graphics Adapter	Display adapter - Direct X 9 compatible 128 MB per monitor or greater
Operating System options	Microsoft® Windows XP Professional SP2 (32-bit only) or Windows 7 Pro (32-bit and 64-bit)
Database	Microsoft SQL Express 2008 is automatically installed while installing MAXPRO VMS Server
Monitor Resolution	1280x1024 pixels; 65K colors non-interlaced

ORDERING INFORMATION

MAXPRO VMS - Part Numbers and Licensing			
MAXPRO VMS - Base Software and Licenses			
HNMSWVMS	VMS Base Software includes: MAXPRO VMS, SQL 2005 Express, includes licenses for one (1) MAXPRO VIEW client, with 64 channels interface to Rapid Eye DVR, Fusion DVR (requires HNMFUS64), DVM R210 (Digital Video Manager) / IP Engine, Enterprise NVR (requires HNMENT128), MAXPRO-Net Analog Matrix Switch.		
SSAHNMBASE	Annual software support agreement - MAXPRO VMS Base software		
HNMSWRED	MVMS Redundant System		
MAXPRO View Client License - one license per concurrent viewing workstation			
HNMSWCL	MAXPRO View - Single Client License		
SSAHNMW1	Annual software support agreement - Single (1) Client		
SSAHNMW5	Annual software support agreement - Five (5) Client		
SSAHNMW10	Annual software support agreement - Ten (10) Client		
MAXPRO VMS Base Channel License			
HNM64	Additional 64 Base Channels		
HNM128	Additional 128 Base Channels		
HNM192	Additional 192 Base Channels		
HNM256	Additional 256 Base Channels		
HNM384	Additional 384 Base Channels		
HNM448	Additional 448 Base Channels		
HNM512	Additional 512 Base Channels		
MAXPRO VMS Adapters			
HNMENT128	128 Channel Enterprise adapter		
HNMFUS64	64 Channel Fusion adapter		
HNMPDX64	64 Channel Pelco DX8100 adapter		
HNMPDLS64	64 Channel Pelco Digital Sentry adapter		
HNMILE64	64 Channel Milestone Xprotect Enterprise adapter		
HNMMAT512	512 Channel third party matrix integration (Burle, American Dynamics, Pelco, Vicon)		
MAXPRO VMS with Active Alert Video Analytics			
HNMHVAB	HVA - Base Package	HNMHVASI	HVA - Smart Impressions
HNMHVAS	HVA - Standard Package	HNMHVAPC	HVA - People Counting
HNMHVAP	HVA - Premium Package		
MAXPRO VMS Lite - Part Numbers and Licensing			
MAXPRO VMS Lite - Base Software and Licenses			
HNMSWVMSLT	MAXPRO VMS Lite software includes: MAXPRO VMS Lite, SQL 2005 Express, includes licenses for one (1) MAXPRO VIEW clients, with 64 channels interface to Rapid Eye DVR & Fusion DVR (requires HNMFUS64), DVM R210 / IP Engine, Enterprise NVR (requires HNMENT128), MAXPRO-Net Analog Matrix Switch. <i>Expandable up to a maximum of 3 clients and 128 channels. No third party adapter support.</i>		
SSAHNMLT	Annual software support agreement - MAXPRO VMS Lite software		
MAXPRO VMS View Client License - one license per concurrent viewing workstation			
HNMSWCL	MAXPRO View - Single Client License		
SSAHNMW1	Annual software support agreement - Single (1) Client		
MAXPRO VMS Lite Base Channel License - one license per video input			
HNM64	Additional 64 Base Channels		
MAXPRO VMS Lite Upgrade			
HNMUG	Upgrade MAXPRO VMS Lite to MAXPRO VMS		

Automation and Control Solutions

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