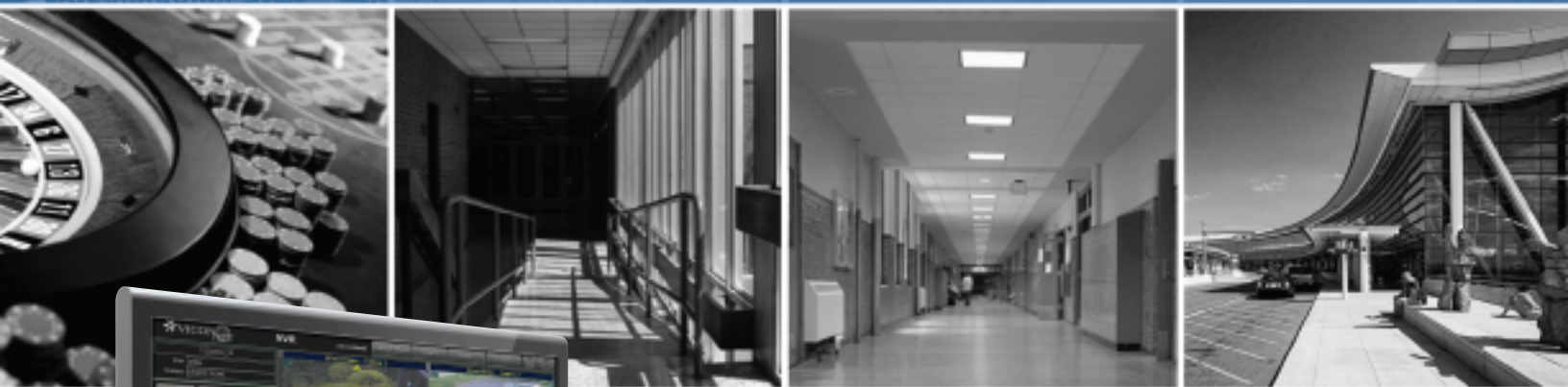




ViconNet® 6

Open-Platform Network Video
Management Software



ViconNet® 6, Vicon's fully scalable, feature-rich VMS solution, delivers enterprise-level performance along with freedom of choice, enabling system customization and compatibility with a wide range of ONVIF-compliant commercial off-the-shelf (COTS) network video and computer hardware. Distributed architecture allows ViconNet to support an unlimited number of cameras, locations and users with no single point of failure. The result is a system optimized for your needs, with your choice of components, that delivers consistent performance and reliability.

ONVIF
COMPLIANT

Advantages You Won't Find Elsewhere

ViconNet's powerful features, including some that are unique among VMS solutions, provide you with all the tools necessary to manage and maintain video security for even the largest installations.

Stay Up and Running: System Redundancy

ViconNet's distributed architecture allows the benefit of all NVRs and Workstations to function together as a single entity from a network "Nucleus," while all critical settings are also maintained on each component. In the event of failure anywhere on the network, including at the Nucleus, the system continues to operate without disruption. (See network diagram on the following page.)

Scalability

From one camera or Workstation to thousands, ViconNet is designed with the future in mind. Additional components can always be added to the network without any system downtime, and software upgrades and integrations ensure the system remains current.



Configure Access Privileges

Your system administrator specifies the access level for each user and can even custom-configure each desktop.

Alarm Management & Automated Response

Alarms trigger on video loss, detected video motion, physical sensors or messages sent over the network. Use ViconNet's macro editor to automate the system's response. For example, an alarm input might direct a PTZ camera to a specified preset, change recording parameters and immediately display the incident on the operator's screen.

Metadata Engine

ViconNet's powerful "Events Management" application allows receiving, filtering and storing of events from external systems using standard TCP/IP communication, creating an easy way to implement integrated solutions without use of APIs or SDKs. Data from a wide range of security systems, including access control, point-of-sale, license plate recognition and perimeter intrusion monitoring, are tied together with video into a unified SQL database for easy search and call-up.

Integrate Web-Based Content

View web pages or any other type of web-based information such as HTML or a PDF documents from within ViconNet's interface. Weather, news or traffic reports and emergency facility operating procedures are just a few examples of content that can be easily accessed.

Software Development Kit

ViconNet's accessible SDK allows integrators to add functionality on-the-fly without having to modify original source code.

Multiple Language Support

A built-in utility allows users to translate the interface to virtually any language.



Keep it Simple!

Unique Video Vault

Manage your long-term storage more efficiently by allowing any alarm-tagged video to be saved to a separate database where it cannot be overwritten by the system. This includes video corresponding to motion detection, video loss or other events identified by integrated access control software.

Web Client

Use one of today's popular web browsers to access your ViconNet system from anywhere without installing any special software or plug-ins.. Live viewing, playback and PTZ commands are yours to control from any PC or laptop with access to the network.

Easy Archiving

ViconNet's new Archive Wizard makes it a snap to create authenticated archives that save to a desired location, including removable media, for use as forensic evidence. Play the archived video on any PC using the embedded player.

Audit Logs

Generate immediate reports on alarm history, device status, recording verification, failure notification, events and more.

HD Display Options

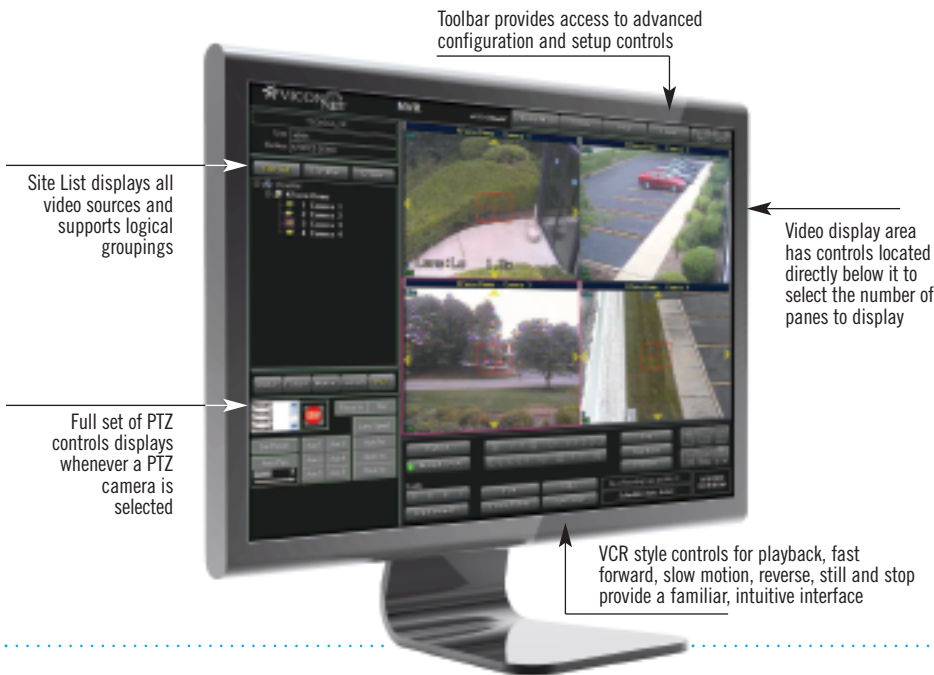
The Virtual Matrix Display Controller (VMDC) is designed for use in the most demanding display applications, offering the ability to process many megapixel video streams in real time. Use it to decode and stream HD network video to multi-monitor displays as part of a matrix control environment. Create extensive command and control centers with large, wide screen, HD monitors to maximize the value of your system's megapixel cameras.



The User Interface - the Heart of ViconNet

ViconNet's simple, intuitive layout reduces operator training and results in minimal downtime when bringing new employees on board, while enabling the system administrator to easily access advanced functions.

The standard PC interface is viewable both in 4 x 3 and wide screen formats. Plus, live viewing, playback and camera control are accessible from a web browser-based interface that requires no special software or plug-ins..



Freedom of Choice

ViconNet can integrate both analog and network cameras. Support for megapixel and third party cameras provide flexibility and maximum value.

Analog Devices



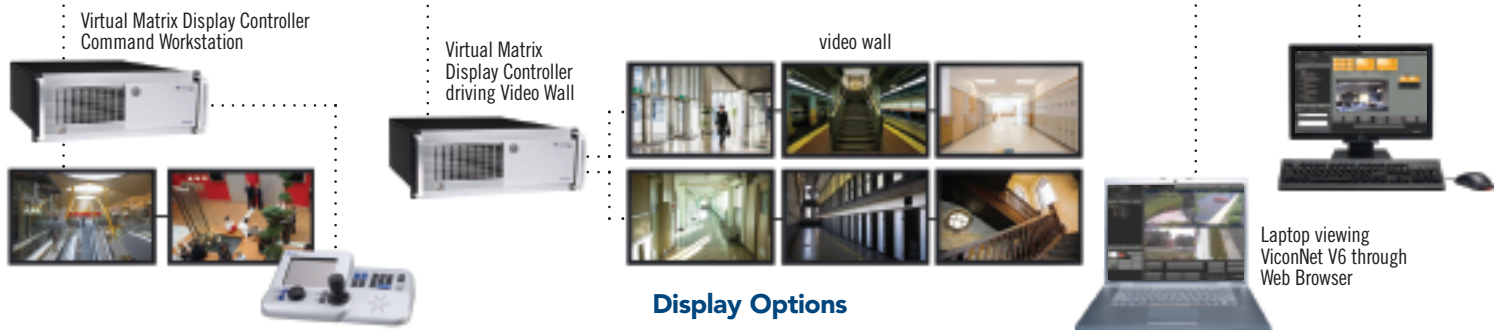
ViconNet V6 System Nucleus



IP Devices



IP Network



Specifications

Minimum Workstation Requirements

Hardware:	2.66 dual-core processor, 2 GB of RAM and 5 GB of disk space. Workstations are available from Vicon or may be COTS equipment.
Operating System:	Microsoft® Windows® XP Professional 32 or 64-bit; Microsoft Vista 32-bit; Microsoft Windows 7 Professional 32-bit; Windows 2003 or 2008 Server.

Key Features

Compression:	H.264, ViconNet optimized MPEG-4 and JPEG (Normal and Full).
Transmission:	Unicast and multicast.
Displays:	Supports 16 x 9 and 16 x 10 wide screen as well as 4 x 3 standard viewing at a variety of resolutions.
Third Party Camera Support:	Compatible with most ONVIF compliant devices. List available at vicon-security.com/cam-support .
Main Window Screen:	A multi-channel display area containing up to 16 connected cameras and microphones and all necessary controls to operate and set up the system.
Graphical Map:	Supports realistic camera location (a Workstation with a dual output VGA will allow showing the map on a dedicated monitor while viewing video on the other).
Site List:	A physical list of all known network Site areas and connected cameras and microphones.
Play From Time:	Call up images from any database on the network from Main Screen.
Navigator Window:	A graphical display of recorded video. It contains a set of function buttons used to access the video on-screen.
Network and Sites Configuration:	Allows administrator to set up all IP address information and a system Nucleus and Backup Nucleus.
Macro Capabilities:	Macros can be defined for recorded or displayed/played cameras, microphones and related devices (sensors).
Device Configuration:	Devices can be configured for system recognition and operation.
Authorization Rights Setup:	Group rights can be configured by specific site and user. Rights provide authority to perform limited or all system functions.
Log Reporting:	Continuously running activity log.
Alarm Capabilities:	Alarms can be programmed to announce under special conditions.
Storage Database Utilities:	Allows setup and usage of detected hard disks locally, including high-capacity iSCSI network storage devices.
Authentication:	Exported video authenticity can be verified with built-in security tools.
Central Failure Notification (CFN):	Fault reporting system that provides application and hardware failure information to all DVRs and NVRs connected to the system.
Events Management System (EVM):	Enables ViconNet to interface with an external system's database, for example, an access control, point-of-purchase, intrusion monitoring or license plate recognition (LPR) system.
Museum Search:	Enables an operator to define a region within a specific Vicon camera's field-of-view, for example, a door, for indexing. This accelerates searching for a specific incident.
Recording Verification System:	Ensures continuous recording by notifying users of any recording errors, both locally and over the network.
Archive Wizard and Player:	Creates authenticated archives and saves to any location or removable media.. The video clip is playable using the embedded ViconNet player.
Video Vault:	Allows any event that was tagged as an alarm (VMD, video loss, dry contact or from the Events Management system) to be saved to a separate database, where it cannot be overwritten by the system.
Authorization Copy and Duplicate:	Provides the ability to send authorization settings to other Workstations so they do not have to be programmed separately.
Enhanced Logs:	Logs that are exported from ViconNet also contain Windows and setup logs, providing more troubleshooting information when diagnosing system problems.
Camera Licensing:	No fees for Vicon cameras. No complex IP camera registration process.

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