ViconNet Version 6 Upgrade Guidelines

ViconNet® Version 6 offers many new and exciting features. However, to fully realize the power of Version 6 features, such as support for H.264 compression, the hardware must have significant computing power. For those upgrading to ViconNet 6 from a prior version, the existing hardware may not be powerful enough to support all of the new features, but there are many features that will be supported.

Listed below are the key features of ViconNet 6 for DVRs and NVRS, Workstations and the Nucleus and the hardware requirements for each. System A represents Vicon's minimal requirements to enjoy most functionality as noted. System B represents Vicon's recommended hardware requirements for full V6 functionality.

Version 6 Key Features

Recording (DVRs and NVRs)

	System A (Minimum)	System B (Recommended)
H.264 Compression Recording H.264 provides good video quality at substantially lower bit rates than previous standards. ViconNet V6 can employ both ViconNet MPEG-4 or H.264.		Yes
Third-Party IP Camera Recording Support Vicon has an ongoing program to develop drivers for ONVIF compliant devices. Contact Vicon for a list of devices that are currently supported.	Yes	Yes
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.		Yes

Viewing (Workstations, DVRs and NVRs)

	System A (Minimum)	System B (Recommended)
Archive Wizard and Player The Archive Wizard greatly simplifies the process of creating archives and saving video to removable media. The video clip is playable on any PC using the embedded ViconNet player.	Yes	Yes
Integrated Web Page Content The Web Page Launcher launches a web page from the within user interface. This feature can be enabled by the administrator and allows users to instantly navigate to the web for news reports, weather, traffic or any other website.	Yes	Yes

Viewing (Workstations, DVRs and NVRs)

	System A (Minimum)	System B (Recommended)
Enhancements to Macro Functionality • Run applications or batch files from a Macro – Open a word processor, spreadsheet program, calculator, media player or start a batch file to run additional tasks. • Run audio file from Macro – Starts an audio file on an alarm condition or for audible instructions. • Central Failure Notification/Recording Verification System Macro – Upon receipt of a CFN or RVS notification, a macro will send an email, text message, start video or any other task that can be initiated by a batch file, in response to the notification.	Yes	Yes
H.264 Compression Multi-Video Stream Display The ability to simultaneously display multiple H.264 video streams with no performance degradation.		Yes

Nucleus

	System A (Minimum)	System B (Recommended)
Web Browser Interface The ViconNet web browser user interface runs on any of the popular web browsers and provides live viewing, playback and PTZ controls. These functions can be controlled from any PC or laptop connected to the Internet.	Yes (Less than 6 simultaneous users)	Yes (Less than 10 simultaneous users)
Enhanced Security Settings Provides the ability to send authorization settings to other work stations so they do not have to be programmed separately. Also allows creation of new user groups for authorization and the ability to copy settings from other groups to expedite and simplify the process.	Yes	Yes
Enhanced Diagnostic Tools Logs that are exported from ViconNet also contain Windows and setup logs, providing more troubleshooting information when diagnosing system problems.	Yes	Yes
Events Management System The Events Management System allows receiving, filtering and storing events from external systems over TCP/IP communication. Event data from external system databases such as access control, point-of-sale, license plate recognition and perimeter intrusion monitoring are tied together with the video into a unified SQL database. Powerful search options enable users to quickly link together video and other types of data.		Yes

Note: The Nucleus is configured as a standalone server that is not recording or viewing video.

Hardware Requirements

System A:	3 GHZ Pentium® processor, 1 GB of RAM, display card with 128 MB and 5 GB of disk space minimum.
System B:	2.66 GHz dual-core processor, 2 GB of RAM and 5 GB of disk space.
Operating System:	Microsoft® Windows® XP Professional 32 or 64-bit; Microsoft Vista 32-bit; Microsoft Windows 7 Professional 32 or 64-bit; Windows 2003 or 2008 Server.

Note: Original systems configured with ViconNet version V4 or V5, typically are capable of supporting the System A features. However, the hardware must meet the requirements listed above.

Upgrading to Version 6 from Prior Versions

ViconNet Version 6 is backwards compatible with ViconNet versions V4.X and V5.X. The machine hosting the ViconNet Nucleus must be upgraded to Version 6 before upgrading any system DVRs, NVRs or workstations.

The following upgrade packages are available. Contact Vicon for pricing.

Software Upgrade

A Software Upgrade is a one-time purchase and does not entitle the user to additional product upgrades.

Description	Model Number
ViconNet V6 NVR Software Single Server License Upgrade	VN-NVR-SWV6-UPGRADE
ViconNet V6 Kollector Software Single DVR License Upgrade	VN-DVR-SWV6-UPGRADE
ViconNet V6 Workstation Software Single Workstation License Upgrade	VN-WS-SWV6-UPGRADE
VMDC Single Workstation Software Upgrade	VMDC-SW-UPGRADE

Software Maintenance Agreement

A Software Maintenance Agreement entitles the user free access to product upgrades. The contract runs one or more years and may be purchased along with the product or if a Product Upgrade is purchased.

Vicon's Software Maintenance Agreements are designed to support the original hardware for a period of 3 years. Afterwards, hardware upgrades may be necessary to support future versions of ViconNet.

Description	Model Number
ViconNet V6 NVR Software Annual Maintenance Agreement	VN-NVR-SWV6-MAINT
ViconNet V6 Kollector Software Annual Maintenance Agreement	VN-DVR-SWV6-MAINT
ViconNet V6 Workstation Software Annual Maintenance Agreement	VN-WS-SWV6-MAINT
ViconNet V6 Nucleus Software Annual Maintenance Agreement	VN-NUC-SWV6-MAINT
VMDC Single Workstation Annual Maintenance Agreement	VMDC-SW-MAINT