VICON

Powered by
NET

Version 8

Standards-Based Open Platform
Video Management Software

POWERFUL ✳ RELIABLE ✳ SCALABLE

Onvif Compliant

VICON

Vicon is entrusted with video surveillance in New York's JFK airport terminal.

Photo credit: American Airlines

ViconNet video management software is a high-performance, standards-based open platform solution

Vicon's open-architecture, feature-rich video management software (VMS), ViconNet, is a robust, scalable and exceptionally flexible solution that delivers complete access to live and recorded security video across your network. Supporting industry-standard compression and transmission formats, including H.264, ViconNet displays and records clear, high-resolution video while minimizing bandwidth and storage requirements.

Our VMS solution offers you incredible freedom of choice, with the ability to customize a video surveillance system to your specific needs. Vicon's extensive offerings of ONVIF-S compliant video devices and computer hardware components allow you to build a fully-integrated and future-ready surveillance solution.

ViconNet delivers the widest range of display options, from "surveillance in your pocket" smartphone viewing, video access to any PC, and virtual matrix display controller (VMDC) support for large, multi-monitor command centers. Whatever combination of displays you choose, you can count on consistent, intuitive and responsive interfaces that keep you in control.

Key ViconNet VMS Benefits and Opportunities

Powerful

- Streamlined recording management allows quick and easy setup of recording tasks.

- Intuitive search function allows users to quickly find devices.

- Event and alarm management combine video with data from a wide range of security systems into a unified SQL database.

- Easy archive wizard makes it a snap to create authenticated archives for playback on any PC.

- Monitor your ViconNet system anywhere using a smartphone, tablet or PC web browser.

- Automatically resizes the monitor display to maximum resolution even when moving between monitors.

- Support of museum search on IQeye and Vicon cameras and analytics on IQeye cameras.

Reliable

- ViconNet has been a critical component in securing thousands of installations worldwide.

- Professional Services give you peace of mind. Our unique program ensures ease of installation, consistent performance and long-term reliability.

- Vicon's line of compatible hardware and edge devices ensure a complete solution and single point of support.

▸ No Licensing Fees
with IQeye and Vicon Cameras

Scalable

- With recent software upgrades, ViconNet now has significantly higher camera density thereby reducing cost per channel.

- Start small by downloading free JUMP for up to six cameras. Mid-sized installations benefit from ZONE with up to 35 cameras. Enterprise-level systems rely on PEAK, offering unlimited scalability.

- Network multiple NVRs to build an enterprise scale system.

- Software upgrades and system integration keep you current.

- An open-platform system and compatibility with a wide range of products allow system expansion and versatility.

JUMP	ZONE	PEAK
• FREE • Up to Six Cameras	• Up to 16 or 35 Cameras	• Unlimited, Enterprise-Scale Systems

ViconNet Version 8 VMS

Our newest VMS, ViconNet Version 8, offers improved performance and enhancements to the user interface. ViconNet Version 8 has been designed to fit all your security needs, increasing usability and strengthening the level of integration.

*... with simple
and intuitive interface*

SEARCH FEATURE
Quickly find the device you are looking for

ACTIVE DIRECTORY
Seamless integration of user and passwords across entire network

RECORDING MANAGEMENT
Simple way to configure recording

MASKING FEATURE
Flexible privacy masking pre- and post-recording

VIDEO DISPLAY AREA
Controls to select number of display panes

THUMBNAIL SEARCH
Quick visual search to identify video changes

UPDATED ARCHIVE WIZARD
Easily create authenticated archives for quick playback

New Features...

Additional Integrations
With the addition of VAX Access Control and Express/HD Express integrations, we have improved interoperability of your video systems.

Expanded Museum Search
The museum search feature previously only available on Vicon cameras now integrates with IQeye cameras.

Updated Archive Wizard
Users can start an archive directly by selecting the relevant cameras. Automatically searches all available databases for relevant video.

Sorting Tools in Group Setup
Increased flexibility in creating and adding camera groups with the new sorting buttons.

User Interface Auto-Adjust
Choose between automatically fitting to the full screen or keeping native resolution when switching between monitors.

New Video Clip Export
Offers better clip resolution and faster exporting.

Archive Player Update
Playback authorization is no longer required for a user who wants to playback an archive.

Additional Layout Options
Users now have the ability to choose from popular 6 tile layout or a 10 tile layout in VMDC.

Alphabetical Sort of User Groups
Logically sort the list of user groups when configuring their authorization.

Easy Display of Alarm Dialog
Simple *right click* opens alarms dialog box manually.

Complete Solution Compatibility

With ViconNet Version 8, we have strengthened the level of VMS integrations to include our VAX Access Control and Express DVRs/NVRs. In addition, our partnerships with numerous 3rd party industry-leading manufacturers allow integration with IP cameras, encoders and edge devices, ensuring complete solution compatibility for all your security needs.

New Integrations...

Compatible with Express Line
The Express line of NVRs and DVRs seamlessly integrate with ViconNet. Cameras being used with Express devices can be viewed and played back from the Site List.

VAX Vicon Access Control VMS Interface
ViconNet supports the Vicon Access Control (VAX) system. Connected cameras can be viewed and video recorded when users try to enter an access point.

Edge Device Support
Any device that supports edge recording and playback can be viewed or played back directly from the user interface.

Mobile Devices/Web Servers • License Plate Recognition • Vicon and 3rd Party IP Cameras and Encoders • Multi-Screen Displays

FEATURE FUNCTION	VIEWER	VMDC	WORK STATION	JUMP Free NVR	ZONE/PEAK NVRs	WEB VIEWER	MOBILE PHONE	MOBILE TABLET
License	Free with every ViconNet device. Can be installed on multiple PCs	Single site license	Single site license	Single site free license	Single site	Free	Free	Free
Number of Live View Channels	16	Up to 64 per monitor (depends on video parameters)	16	16	16	16	4	9
Number of Recording Channels	0	0	0	6	16/35 - Not limited (see spec)	0	0	0
Compatible with Express Line (when Express device connected to Nucleus)	✔	✔	✔	✔ (not as Nucleus)	✔	✔	✔	✔
View Live Video	✔	✔	✔	✔	✔	✔	✔	✔
View Playback Video	✔	✔	✔	✔	✔	✔	✔	✔
Supports Macros	No	✔	✔	✔	✔	No	No	No
Transfer Archived Video to PC Hard Drive	✔	No	✔	✔	✔	No	No	No
Control PTZ	✔	✔	✔	✔	✔	✔	✔	✔
Authorization	✔	✔	✔	✔	✔	✔	✔	✔
Registration Required	No	✔	✔	Self free	✔	No	No	No
Set Site IP	✔	✔	✔	✔	✔	NR	NR	NR
Record Streamed Video/Audio, local or from the network	No	No	No	✔	✔	No	No	No
Remote Configuration of Other Devices	No	For VMDC only	✔	✔	✔	No	No	No
Remote Configuration	✔ (limited to its functions)	From VMDC only	✔	✔	✔	No	NR	NR
Backup and Restore Configuration	✔	✔	✔	✔	✔	NR	NR	NR
Can be Nucleus	✔ (with limitation of no user group management)	No	✔	✔ (except for Express devices)	✔	No	No	No
Motion Detection	No	✔	✔	✔	✔	No	No	No
Museum Search, for IQeye and Vicon cameras	✔	No	✔	✔	✔	No	No	No
Thumbnail Search, all cameras	No	No	✔	✔	✔	No	No	No
Export Video Clip	No	No	✔	✔	✔	No	No	No
Audio Live and Playback	✔	✔	✔	✔	✔	✔	No	No
Print Images	No	No	✔	✔	✔	No	No	No
Maps	No	✔	✔	✔	✔	No	No	No
Groups	No	✔	✔	✔	✔	✔	✔	✔
Authentication	✔	No	✔	✔	✔	No	No	No
Supports Full HD Display	✔	✔	✔	✔	✔	✔	Transcoded	Transcoded
Supports >HD Video	✔	✔	✔	✔	✔	Transcoded	Transcoded	Transcoded
JPEG Compression	✔	✔	✔	✔	✔	✔	✔	✔
H.264 Compression	✔	✔	✔	✔	✔	✔	✔	✔
MPEG-4 Compression	✔	✔	✔	✔	✔	Transcoded	Transcoded	Transcoded
Live Video Source	Direct from camera/encoder	Direct from camera/encoder	Direct from camera/encoder	Direct from camera/encoder	Direct from camera/encoder	Web server	Web server	Web server
Playback Video Source	NVR	NVR/ Edge	NVR/ Edge	NVR/ Edge	NVR/ Edge	Web server	Web server	Web server
Third Party Camera Recording	No	No	✔	✔	✔	No	No	No
Events Management	No	No	✔	✔	✔	No	No	No
Archive Wizard	✔	No	✔	✔	✔	No	No	No

NR-Not Relevant

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