VICON
Powered by NET

Open Platform Flexibility

ViconNet brings you the flexibility of a comprehensive, open architecture video management system that integrates with today's and tomorrow's best-of-breed software and hardware to create a complete IP-based security solution. Your choice of industry standard edge devices, including megapixel cameras and encoders, as well as servers, storage and displays, work with ViconNet to create a customized, medium or large scale system that delivers efficiency and value. Add in video analytics, access control and events management and you have a video-centric PSIM (Physical Security Information Management) application that can be upgraded seamlessly as needs change and technology evolves.

Easy Installation
Employ ViconNet quickly – on any industry-standard server or with the ease of a pre-loaded ViconNet NVR. Some models even offer built-in RAID storage. And, ViconNet requires no licenses for Vicon cameras and frees you from recurring fees for any third-party IP cameras.
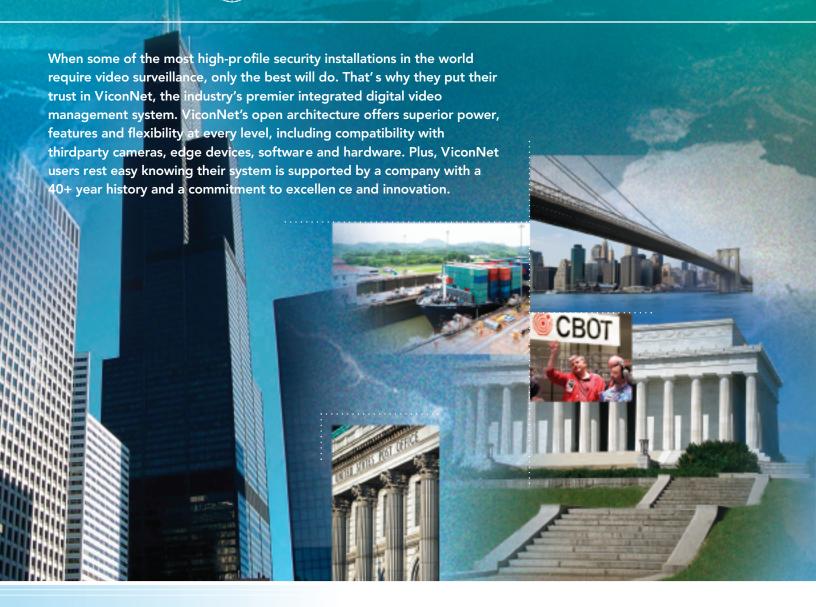
Open Options
ViconNet supports the best-in-class IP cameras and encoders, including H.264 and megapixel models. Off-the-shelf access control and video analytics can be seamlessly and easily deployed, and a comprehensive SDK allows for integration with many third-party solutions.

Flexible Display
Vicon provides multiple options for remote viewing. ViconNet's Virtual Matrix Controller supports HD displays with multiple camera views for large-scale command centers, while a flexible GUI allows system access from anywhere using only a standard web browser.

Integrated IP Video Management Systems

When some of the most high-profile security installations in the world require video surveillance, only the best will do. That's why they put their trust in ViconNet, the industry's premier integrated digital video management system. ViconNet's open architecture offers superior power, features and flexibility at every level, including compatibility with thirdparty cameras, edge devices, software and hardware. Plus, ViconNet users rest easy knowing their system is supported by a company with a 40+ year history and a commitment to excellence and innovation.

Experience the Flexibility:

ViconNet is the innovative, open-platform video management software at the core of Vicon's complete line of IP devices and software applications. Vicon's IP and megapixel cameras, digital and network video recorders, video analytics and even third-party IP products are seamlessly integrated for viewing and control from the same intuitive, graphical user interface.

- Fully scalable, secure, network solution for Windows® platform*

- ViconNet available as software-only or on pre-loaded NVRs and DVRs

- Remotely control, view and record video from any camera

*Refer to ViconNet specification

Experience the Features:

With ViconNet, you'll discover an unparalleled level of performance and control. With an interface designed for maximum usablity, ViconNet offers access to high-end features like:

Events Management: Tags and links ViconNet video to data and events from third-party software, like license plate recognition, perimeter protection and access control.

H.264 and HD: Provides system-wide support for H.264. Plus, HD displays optimize the value of megapixel cameras capturing HD video.

Flexible FPS Settings: View video at one frame rate and record it at another, saving valuable storage space.

Much More: Alarm alerts, museum search, local camera groupings, web browser-based interface... these are just a sampling of ViconNet's many advanced features.

ViconNet Video Management Software
ViconNet software provides a secure, open architecture, network solution designed to support NVR or hybrid installations of any size. It is offered as standalone software for use on third-party workstations or conveniently pre-loaded onto Vicon NVRs and network DVRs.

When integrated with Vicon's access control and video analytics software, ViconNet creates a video-centric PSIM enabling the monitoring and control of a wide range of security applications.

PC Interface
ViconNet's intuitive GUI is viewable both in 4:3 and 16:9 configurations. Plus, with ViconNet, video analytics are fully integrated within the ViconNet interface.

Kollector Strike, Force and Bridge
Three powerful new Kollector models offer 480 fps across 16 channels with H.264 or MPEG-4 encoding and support up to 8 additional IP cameras. Plus, Kollector Bridge includes integrated Vicon SMS Access Control within the very same chassis.

Network Storage Options
Extended storage options include NVRs and DVRs with internal RAID and storage area network devices with iSCSI connectivity.

Virtual Matrix Controller
Create an HD command and control center with matrix switching capabilities. ViconNet's VMC routes live and recorded video from any camera to any monitor and is controlled by an ergonomically designed keypad.

Flexible Connectivity:

Whether you're seeking a complete IP network, a DVR-based system or a hybrid solution to transition between the two, ViconNet can work for you. Feature-rich ViconNet software operates on both Network Video Recorders (NVRs) and on Kollector hybrid DVRs. Network them together with either IP or analog cameras, or a combination of both, to create a customized, expandable solution that meets today's needs and accommodates tomorrow's possibilities.

Flexible Display

Whatever your preference... from PC-based control interfaces to keypads and command centers...

Experience ViconNet's

Display Controller
Decode H.264, MPEG-4 and MJPEG video for display on up to six HD monitors in real time. Network multiple controllers together to create vast command center displays. Supports 1080p.

Encoders
4-channel and single-channel encoders convert analog video to IP video in real time. Multiple units racked together provide high-density solutions at a low cost-per-channel.

PTZ Domes
Vicon's high-performance Surveyor PTZ domes offer IP video and scalable frame rates of up to 30 fps. An H.264 mini dome is also available.

Fixed Domes
Vicon offers a wide selection of fixed IP domes including many H.264 models. Domes are offered for indoor, outdoor and vandal-prone applications and feature many camera types, including wide dynamic range.

Megapixel Cameras
H.264 megapixel models are offered in a variety of housings, including indoor and outdoor domes, vandal-proof domes, box and bullet cameras. Many offer PoE.

Options:

ViconNet has an answer. Mix and match display options within the same network to meet both functional and budgetary needs.

Flexible Camera Options:

ViconNet opens the door to more camera options than ever, both IP and analog, Vicon and third-party. Vicon offers some of the finest cameras and domes in the industry, including an extensive selection of IP and megapixel H.264 models. There are never any licensing fees for using Vicon cameras within a ViconNet installation. And, in situations requiring use of third-party cameras, there is only a one-time licensing fee with no recurring fees, resulting in major cost savings over the life of a system.

VICONNET IS COMPATIBLE WITH IP CAMERAS FROM
Sony • Axis • IQinvision • ACTi • Panasonic • Arecont Vision • and many more...

Flexibility at Every Level

Fully Integrated Video Analytics

ViconNet VI
Video Intelligence Makes It Easy

Video analytics can be controlled and viewed from right within the ViconNet interface. Set detection parameters for any number of targeted "behaviors" and the system will identify them, in real time, as they are displayed within the ViconNet viewing windows.

Detection modules are offered for the following conditions:

- **Motion Detection**
- **Non-Motion Detection**
- **Object Counting**
- **PTZ Auto Tracking**
- **Crowd Monitoring**
- **Tailgating and Loitering**

Licenses for detection modules are sold per camera.

New ViconNet VI "Search"
Provides "After-the-Fact" Behavior Identification

ViconNet VI "Search" brings a practical new twist to traditional video analytics by allowing behaviors to be searched for and identified within live and recorded video without pre-determining what these behaviors will be. It eliminates the need to preset cameras with specific, targeted behavior parameters and filters and may be easily applied to all cameras within an installation.

- Search video by behaviors, filters, statistics and other parameters
- Full integration with ViconNet allows for quick and easy retrieval of desired video content
- Uses intuitive search criteria
- Based on same core technology as Vicon VI analytics

The choice is yours...

ViconNet's open architecture allows for unparalleled choice in how to design your system. Whether you're seeking a software-only solution or a complete installation, Vicon offers an extensive line of cameras, recording and display options, storage, access control and video analytics capabilities designed for use with ViconNet, as well as the flexibility to integrate with third-party hardware and software.

For ViconNet integration with cameras from the above companies, setup, control and features may vary by manufacturer. ViconNet licenses will be sold on a per-camera basis. Speak with your Vicon representative for details.

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