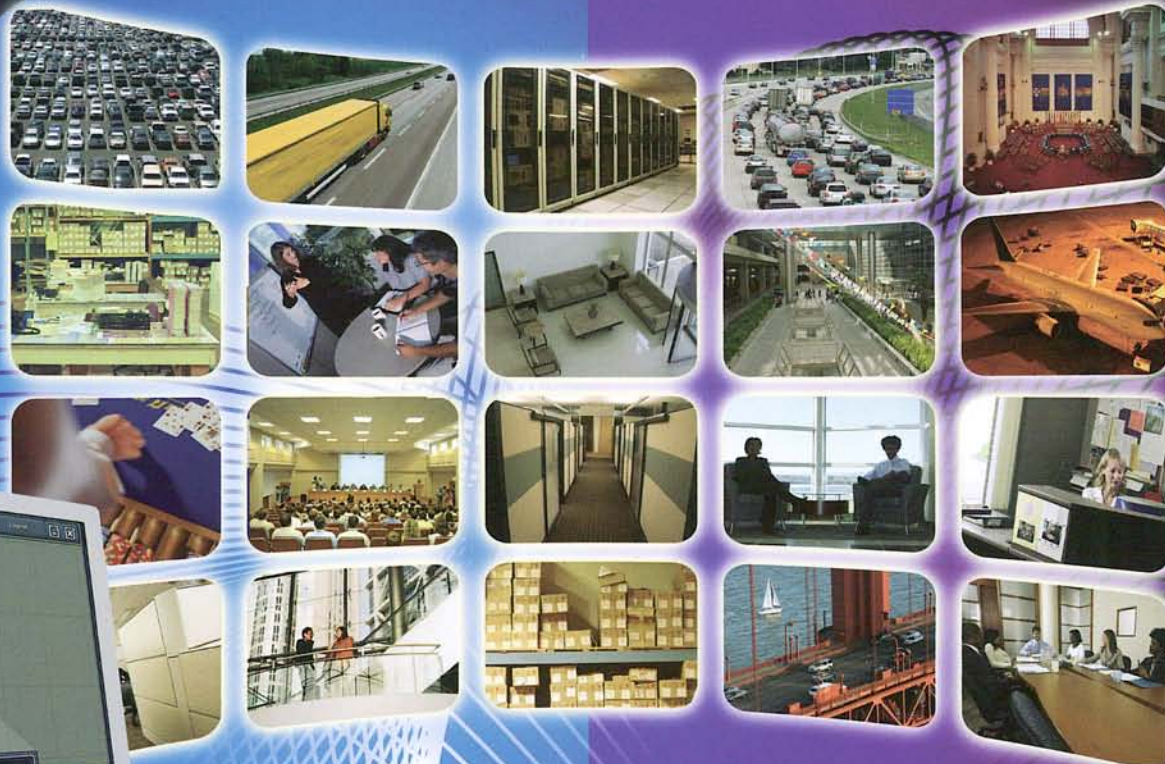


# VICONNET DIGITAL VIDEO MANAGEMENT

WITH VIRTUAL MATRIX CONTROLLER FOR IP OR DVR SYSTEMS



VERSION **4.0**



Welcome to the world of ViconNet®, where monitoring, maintaining and controlling enterprise-level video surveillance systems is as easy as the click of a mouse. The power of the ViconNet digital video management platform allows you to combine both analog and digital equipment into a fully integrated, network-based system that is both highly secure and accessible. Control and view all live and archived video, system-wide, from any IP enabled PC running Windows XP® – whether locally or from half a world away.

Kollektor XG

**DVR SOLUTIONS:**  
IMPROVED HARDWARE AND SOFTWARE CAPABILITIES MAKE DIGITAL RECORDING EASIER THAN EVER BEFORE



**IP VIDEO SOLUTIONS:**  
STANDALONE OR HYBRID CONFIGURATIONS OF IP VIDEO AND DVR SYSTEMS THAT PRODUCE HIGH QUALITY, SCALABLE FRAME RATES UP TO REAL TIME

**ACCESS CONTROL & VIDEO ANALYTICS:**  
INTERFACES THAT IMPROVE INTEROPERABILITY BETWEEN SECURITY SYSTEMS, INCLUDING ACCESS CONTROL AND VIDEO ANALYTICS

SURVEYORVFT

I-CNYX

ViconNet 4.0 brings the power of digital video management to a whole new level. Offering solutions for IP, DVR and hybrid systems, ViconNet 4.0 integrates a wide range of components and industry-leading software into a robust and expandable platform capable of meeting the most challenging surveillance needs.

- Fully scalable, secure, networked solution for Windows XP platform
- Remotely control, view and record video from any camera

- Control from any networked PC running ViconNet software
- Integrates with access control and video analytics systems

### NEW FEATURES

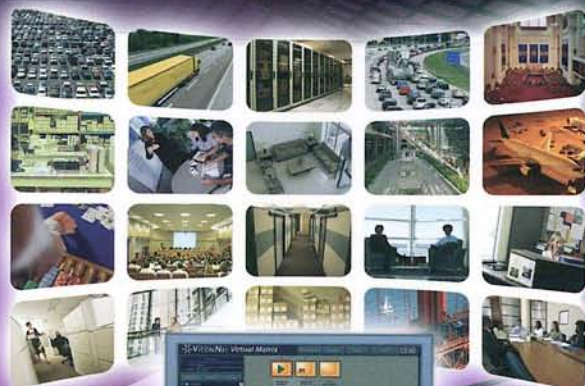
ViconNet 4.0 offers several new benefits:

- Virtual Matrix Controller
  - Display video from any camera on any monitor, simulating a crosspoint matrix system

- Logical Camera Groups
  - Assemble groups of cameras for easy call up independent from their physical network connection
- Flexible Frame-Per-Second Settings
  - Save storage space by viewing at one FPS rate and recording at another
- Alarm Alerts via Email or Text to your PC or PDA
- Alarm Investigation Tool
  - Call up corresponding video directly from alarm reports

## VIRTUAL MATRIX CONTROLLER FOR VICONNET 4.0

**VICONNET'S VIRTUAL MATRIX CONTROLLER** COMBINES THE FUNCTIONALITY OF A TRADITIONAL CROSSPOINT MATRIX SWITCHING SYSTEM WITH ALL THE ADVANTAGES OF DIGITAL VIDEO MANAGEMENT



**KRX-3 VIDEO DECODERS** ENABLE FEED FROM ANY VICONNET CAMERA TO BE DISPLAYED ON ANY MONITOR

**SUPPORT MULTI-MONITOR WALL DISPLAYS**

**CONTROL CAMERA SELECTION VIA A DRAG-AND-DROP INTERFACE OR TRADITIONAL KEYPAD**



### VIRTUAL MATRIX CONTROLLER (VMC)

Control and view networked video in a whole new way:

- Display video from any camera on any monitor
- Control camera selection via the GUI or a traditional keypad
- Support large-scale multi-monitor wall designs
- An option for some or all networked viewing locations
- Uses KRX-3 Video Decoder to convert digital video to analog

## VICONNET COMPONENTS

ViconNet includes a creative mix of components, comprising one of the most diverse IP video lines in the industry.

### IP CAMERAS



#### SURVEYORVFT CAMERA DOME SYSTEMS

Vicon's premier high-performance PTZ dome offers optional IP video and scalable frame rates up to 30 fps.

**NEW**



#### I-ONYX IP CAMERAS

Vicon's new line of IP cameras includes three models, all featuring Power-over-Ethernet (PoE).



#### ROUGHNECK DOME CAMERAS

Tough, vandal-resistant cameras that offer a direct network connection. PoE available soon.

### EDGE DEVICES



#### KTX-4 FOUR-CHANNEL VIDEO SERVER

For use with any analog cameras, the KTX-4 converts up to 4 analog inputs into digital video in real time. Multiple units racked together provide a high-density solution at a low cost-per-channel.



#### VN-301T SINGLE-CHANNEL IP VIDEO SERVER

This compact unit fits into most analog camera housings and provides digital video output, eliminating the need for camera replacement.



#### KRX-3 VIDEO DECODER

For use with the Virtual Matrix Controller, this unit converts up to three digital video channels to VGA, S-Video or composite video.

## DVRs AND NVRs



### **KOLLECTOR ELITE XG**

Vicon's premium hybrid digital network video

recorders combine DVR and NVR capabilities. Units provide the ability to view, record and configure other recorders and networked IP sources. Models with internal RAIDs are available.



### **KOLLECTOR PRO XG**

One of the best DVR values, these units

support frame rates up to 240 fps and provide audio and analog matrix rear panel options. External RAID devices can expand storage.



### **VICONNET WORKSTATIONS**

Choose from pre-configured PCs with storage options or software-only for

use on any PC running Windows XP.

## VIDEO INTELLIGENCE MODULE



New, for use with ViconNet 4.0, this video analytics module can monitor thousands of cameras for unusual and suspicious

activity as it is occurring. Monitor huge sites 24/7 with incredible efficiency and affordability.

The system may be configured right out of the box. Schedule-based rules allow for different parameters and alarm conditions for day, night, weekend and time-of-day. Conditions include:

- Motion in and out of an area
- Non-motion, like unattended packages and illegal parking
- Theft, identifying what has moved or is missing
- Behavior, like loitering and tailgating
- Counting of people, vehicles or other moving objects
- Overcrowding that exceeds a preset threshold.

## VICONNET SUCCESS STORIES

Vicon is proud to have its systems in place in over 40 countries worldwide, serving in high-end security and surveillance applications. From the U.S. Postal Service to the Panama Canal to the London Underground, ViconNet is being used to protect people's lives and assets everyday.

*"We wanted to modernize the way that CCTV at the Hippodrome was managed and maintained, as it plays an important security and safety role for staff and visitors. The new equipment gives us improved functionality, better image quality and greatly increased storage capacity...30 days instead of three."*

**Mike Bradford**  
Director of Operations  
Hippodrome, Birmingham, UK

*"The reason why we went with Vicon's Kollector Elite is we wanted the latest and greatest...we wanted the best."*

**James Terry**  
Security Supervisor  
Blue Cross/Blue Shield

*"The Minneapolis-St. Paul International Airport has had the benefit of a powerful Vicon camera security system that has incorporated new innovations as they have become available as a result of progressive efforts by many people over time. There is a team of people involved that have had the vision to stay ahead of the curve. That is what it takes."*

**Tom Hagen**  
President of Pro-Tec Design  
Minneapolis Airport Security Consultant

*"We have a great relationship with Vicon, and I told them what we were doing and asked if they wanted to participate. They stepped up to the plate and made it work."*

**Tim Sopha**  
Director of Corporate Security and Safety  
at Olympia Entertainment

**RECORDER SPECIFICATIONS**

Model	Video Inputs	Max fps NTSC (PAL) @ 4CIF	Alarm Inputs	Alarm Outputs	Audio Inputs	Analog Outputs
<b>Kollector Elite XG</b>						
KEX480 Series	16	480 (400)	16	8	16	4-CH Matrix
KEX240 Series	16	240 (200)	16	8	16	4-CH Matrix
KEX120 Series	16	120 (100)	16	8	16	4-CH Matrix
<b>Kollector Pro XG</b>						
KPX240 Series	16	240 (200)	16	8	16*	4-CH Matrix*
KPX120 Series	16	120 (100)	16	8	16*	4-CH Matrix*
KPX60 Series	16	60 (50)	16	8	8*	4-CH Matrix*
KPX30 Series	16	30 (25)	16	8	4*	4-CH Matrix*

\* Audio channels and analog outputs optional

**IP VIDEO SPECIFICATIONS**

Model	Type	Max fps NTSC (PAL) @ 4CIF	Max Capture Resolution	Video Channels	Alarm Inputs	Audio Inputs
SurveyorVFT	High-Performance PTZ Dome	30 (25)	720 x 488	1	4	1
I-ONYX VN-855 Series	Fixed CS-Mount Camera	30 (25)	720 x 488	1	1	1
V910 Roughneck	Vandal-Resistant Dome	30 (25)	720 x 488	1	4	1
VN-301T	Single-Channel Server	30 (25)	720 x 488	1	1	1
KTX-4	4-Channel Server	Up to 120 (100) total 30 (25) per channel	720 x 488	4	4	2
KRX-3	3-Channel Video Decoder	Up to 90 (75) total 30 (25) per channel	NA	3: Composite, VGA and S-Video	NA	NA

2004

FROST & SULLIVAN

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Technology Leadership Award

Frost & Sullivan presented the 2004 Technology Leadership Award in the field of video surveillance to Vicon Industries, Inc., in recognition of the company's leadership in introducing and integrating innovative video surveillance technologies into new security applications.

This award is bestowed upon the company that has pioneered and steered technological advances in its industry by providing cutting-edge products and concepts.

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