American Dynamics
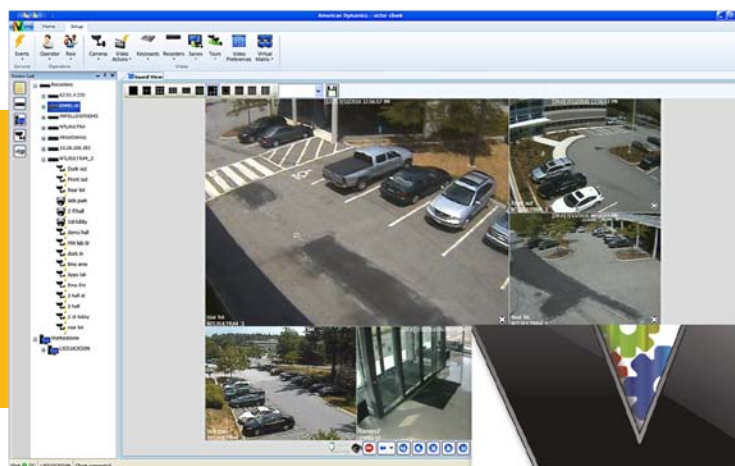*A Tyco International Company*

victor
Unified Security and Video Solution

Features That Make a Difference:

- Manage live and recorded video from Intellex[1] DVRs and VideoEdge NVRs; analog and IP cameras all from one intuitive client

- Robust motion-based smart search uses meta-data to provide fast video searching and analysis

- Display H.264, ACC, MJPEG, MPEG-4 video simultaneously

- Conduct time and date search on up to ten cameras across multiple Intellex/VideoEdge recorders at once

- Includes advanced integrated policy management to control access to cameras, recorders, PTZ controls, search, export, and more

- Built-in Virtual Matrix capabilities to manage up to four monitors from variety of CCTV keyboards

- Easy to use interface and controls, mix live and recorded video within the same window for real-time response

- Intelligent Switch Layout feature enables multiple monitors to quickly change screen layout for fast response to situations

- Create, store, and manage camera views

- Organize and customize screen layouts for different operators' needs

- Built using Microsoft WPF (Windows Presentation Foundation)

- Supports XP, Vista, and Windows 7 (32 / 64 bit support)

victor unified client

The victor is a game-changing unified security and surveillance solution. With the powerful victor unified client, you get the unique ability to view, manage, and control live/recorded video from Intellex digital video recorders and VideoEdge network video recorders. Display analog and IP video, standard definition and high definition megapixel cameras simultaneously with a common feature set, no matter what the codec (H.264, ACC, MJPEG, MPEG-4); even mixing and matching technologies. All in one location without toggling between separate client applications!

The intuitive interface includes advanced Windows 7-like features such as tear off, snap, auto hide, tab, and dock windows providing a truly customizable operator experience.

Drag and drop cameras and devices into a near limitless number of video layouts on up to four monitors for the ultimate in video surveillance. An easy to use tree structure literally puts everything at your fingertips. Create and organize camera lists from multiple Intellex and VideoEdge recorders (any camera from any recorder) to meet the needs of different operators. Build video tours, salvos, or saved views and organize them into victor's easy-to-use site lists for rapid response.

Motion-based smart searches are run on a database of meta-data instead of searching through hours or weeks of videos. This makes incident investigations incredibly fast and easy whether you're searching for Intellex or VideoEdge video. Instant playback is based on streaming video technology which enables complete control over one or multiple recorded videos and instantaneous 'jumping' from one point in time to another. This ensures you can rapidly investigate multiple views and associated videos seamlessly.

victor site manager

The victor site manager is the brains of the operation - storing data, operator profiles, roles and camera/recorder information. victor also journals and tracks what has happened on your video systems such as operators activities, search and export history.

You may restrict access to what devices and features an operator can access by assigning them to a role using embedded policy management. For example, permissions can be to a specific camera or enable only video viewing of PTZ cameras. Any feature can be limited to your particular needs and updated as situations warrant. Based on Microsoft's Active Directory operator profiles are portable. This allows users to move from one victor client to another and their credentials follow them regardless of PC.
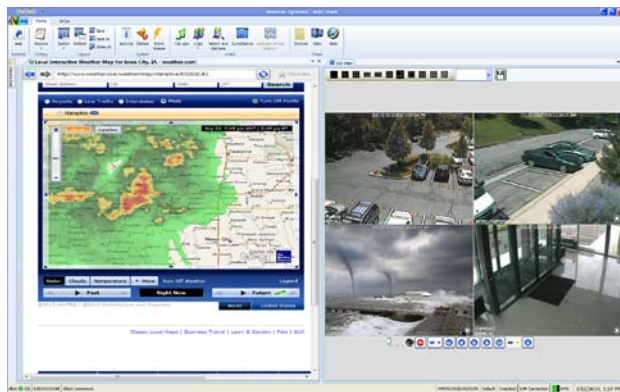
(1) Supports Intellex v3.2 and higher, and VideoEdge v4.0

Features

Intuitive Operator Experience

Easily create multi-monitor user specific layouts to increase operator efficiency. One operator may have a layout that includes surveillance window (video panes), a device/site list, and an integrated web browser with the weather channel loaded so he can monitor the area for storms.

With one click of the mouse, you can switch to a different layout that includes a virtual matrix and alert monitors to better suit the needs of a new situation. This easy layout switch allows you to more quickly respond to emergencies or changes in traffic or activity level.

This operator was able to quickly switch to his "weather alert" layout when he heard of an impending storm in the area.

Optimal Management of Events, Alerts, and Alarms improves Situational Awareness

Whether IP or analog cameras, you can program multiple cameras and presets to respond to a single alert. This ensures you don't miss a thing, whatever cameras you are using.

Create video actions with PTZ presets linked to alarms. Automatically launch event breakthrough video salvos on specified monitors. Add audio alarms and instructions for officers to respond. You can generate alarms on:

• Motion detection
• Video loss
• Offline
• User generated
• Recorder/Storage/Camera hardware issues

Superior Searching Capabilities with Meta-data

Using innovative video analytics capabilities, victor makes searching for recorded video remarkably fast. Motion-based smart searches are performed using meta-data, which is essentially a database of motion pertinent to each frame. Competitive solutions employ cumbersome methods of locally downloading the video to an operator's PC, then waiting for the PC to perform the lengthy and CPU intensive analysis of

the downloaded video for motion. Using the smart search tools, operators can easily identify suspicious behavior and track individuals/vehicles across multiple cameras for in-depth analysis. The investigator mode lets operators simply add in other cameras to your smart search results and they are automatically time synced.

Time and date based searches can be performed on up to ten cameras across up to 10 Intellex and VideoEdge recorders, simplifying investigations and increase operator's efficiency.
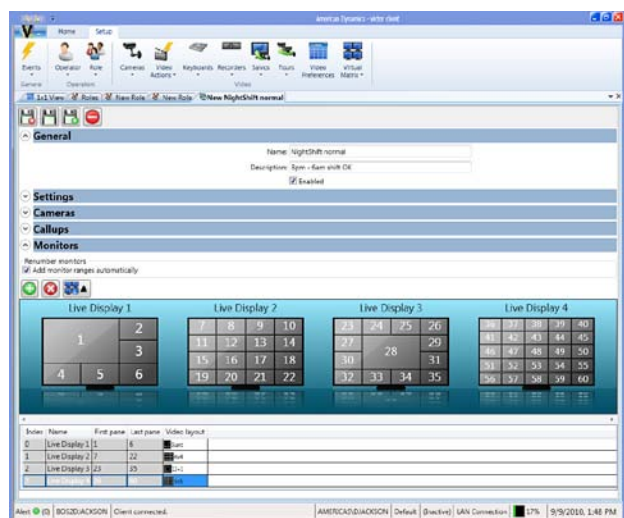
Instant Playback

victor's instant playback uses streaming video letting you easily transition from search to investigation. Additionally, instant playback can synchronize videos from multiple recorders (VideoEdge or Intellex) making analyzing a suspect movements cross cameras simple. Instantly jump to a specific time and date without lengthy downloads. No longer restricted by basic one-speed, forward or reverse searches, victor provides amazing flexibility by letting you search for video, forward or reverse at:

• Normal speed
• 1x, 2x, 3x, 4x normal speed
• Frame by frame
• Intuitive Jump Back button lets operators skip though video based on time increments (30 seconds, 1, 5, 10, 30 or 60 minutes)

Virtual Matrix

Manage your virtual matrix using a variety of CCTV keyboards across four monitors - all without buying a separate VMK product. Use auto-numbering or user-defined pseudo numbering of panes for easy video management.
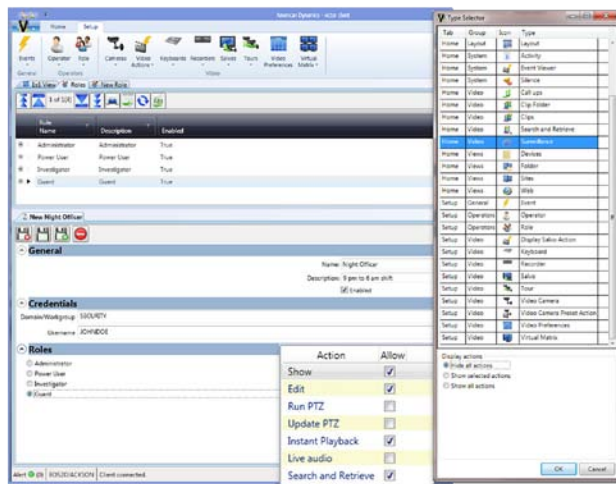

The built-in virtual matrix setup auto numbering, call ups, and other settings make programming your system intuitive and fast.

Administrative Functions Made Easy and More Powerful

An essential part of a successful surveillance operation is providing operators with an intuitive way to manage the system. victor allows you to personalize tasks and privileges depending on the role of each operator.

For example, one operator may have access to only certain cameras with a subset of functions for each camera. S/he may be able to control the PTZ but not export video. Another operator may have access to all functions on all cameras. You can create hundreds of roles and the operators' profiles are portable, i.e. their credentials can be used on any PC and they will have the same look and setup.

Assign operators roles to manage access to sensitive information.

System Monitoring and Reports

To ensure your system is running smoothly, victor gives you the ability to monitor the health of your system. From the same single interface you can receive alerts about camera, storage and system malfunction from either Intellex or VideoEdge recorders. Journal who, what, and when video is searched and exported from any Intellex or VideoEdge protecting your company from damaging/embarrassing videos appearing on the Internet.

Generate reports on system activity that include:

- System messages
- Devices
- Operator usage
- Alerts and alarms
- Search and export of recorded video

Seamless Migration for Intellex Users

Hundreds of thousands of businesses worldwide have invested in Intellex Digital Video Management Systems. And no wonder. Intellex is the video management solution of choice for 80 of the Top 100 US retailers and is installed in dozens of key government, gaming, and transportation applications because of its renowned performance and reliability. We respect that investment and even with the ever-increasing shift to IP, believe that adapting to change shouldn't necessarily mean throwing away an existing infrastructure.

Using the victor solution, Intellex customers can leverage the investment they've made in their digital video recording platform and add IP devices…without missing a beat. victor can be used solely with Intellex for increased permission controls, operator, device journal, and other new features today. When the time is right, you can seamlessly add new NVR's and IP cameras, future proofing your video investments rather than costly rip and replace strategies. A single operator experience for both Intellex and VideoEdge allows customers to enjoy a mixed environment of IP and analog devices.

Specifications

victor unified client							
Work Station Configuration	Operating System	CPU Type	CPU (GHz)	RAM (GB)	Display Adapter(s)	Video RAM (MB)	Max # Monitors
Basic	Windows® XP Professional	Intel® Core 2 Duo E7300	2.66	2	NVIDIA® GTS450	512	1
Recommended	Windows 7 Professional (64-bit)	Intel Core i5 750	2.66	4	NVIDIA® GTS450	512	2
Multi-monitor	Windows 7 Professional (64-bit)	Intel Xeon W3520/ Core i7 860	2.80	4	NVIDIA Quadro FX580	512	4
Basic Laptop	Windows XP	Intel Core 2 Duo P8700	2.53	4	Intel Graphics	256	1
Recommended Laptop	Windows 7 Professional (64-bit)	Intel Core i5 M520	2.40	4	NVIDIA Quadro NV5 3100M	256	1

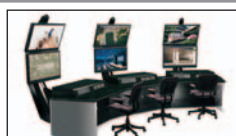| victor site manager					
Work Station Configuration	Operating System	CPU Type	CPU (GHz)	RAM (GB)	Database (dependent on system)
Basic	Windows XP/Windows 7 Professional	Intel Core 2 Duo E8400	3.00	2	SQL Express
Recommended	Windows Professional/ Windows Server 2008	Intel Core i5 750	2.66	4	SQL Server 2008

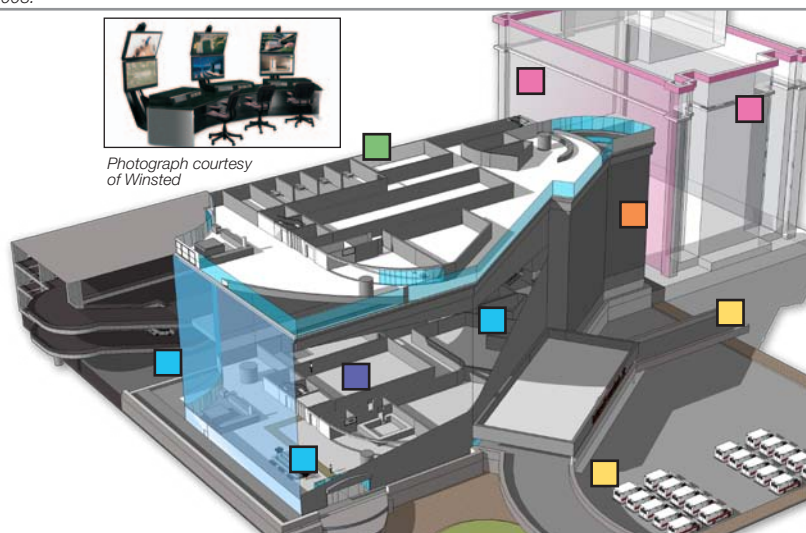| Model Numbers	Description
ADVC10S02	victor site manager/client base-2 connections
ADVC10S05	victor site manager/client base-5 connections
ADVC10S02SQL	victor site manager/client base-2 connections w/SQL
ADVC10S05SQL	victor site manager/client base-5 connections w/SQL
ADVS10S01	victor site manager 1 additional connection
ADVS10S05	victor site manager 5 additional connections

NOTE:
1. In an installation of less than 100 cameras, victor site manger and victor unified client can run on the same workstation.
2. In an installation of over 250 cameras, it is recommended to use SQL Server 2008.

Painlessly upgrade your security system with megapixel cameras in lobbies and parking lots with victor and VideoEdge NVRs, while at the same time extending the life of your existing Intellex DVRs and analog cameras.

victor is the ultimate teammate, letting you manage your entire video solution from one unified platform.

Photograph courtesy of Winsted

- victor Unified Video Management Systems
- Intellex Digital Video Management Systems
- Analog Cameras
- VideoEdge NVRs
- IP Cameras
- Mega-pixel Cameras

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Intellex DVRs

VideoEdge

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