



victor Professional Video Management System



Key Features

- Ideal for integrations
- Create video walls
- Share video and events with push feature
- Integrate or unify with Software House C•CURE 9000 access control
- Maps with GIS for improved situational awareness
- Incident locker enhances storage security of video clips and increases flexibility when triggering an event
- Health dashboard enhanced view provides key system stats in a single, visual graph form
- Easy to use timeline control to allow the adjustment of video playback speeds
- Intuitive wizards and workflows in site management tool provide better control of key video operations

A Solution That Protects Your Business and Helps it Grow

When you combine the powerful capabilities of victor with the intelligence of VideoEdge NVRs, you reach new heights in video management with actionable insights to save time, money, and lives. Leveraging high-performance smart video searching, video intelligence, and case management along with an extensive feature set, users gain greater situational awareness. You can also save administrator resources with powerful features like person-based intelligent search, narrowing down search time from minutes to seconds and gain the upper hand against potential threats.

Streamline Centralized Video and Event Management

victor Professional is optimized for command and control to seamlessly synchronize video surveillance with access control, fire, intrusion and other systems into one powerful, intuitive interface allowing customers to manage their business more safely and intelligently. With victor, you can better manage and optimize security, operations and logistics. victor helps you orchestrate organized real-time responses to any situation with interactive maps that pinpoint locations and collaboration tools that let you immediately share important information.

Improve Incident Response and Safety with Intelligent Designs and AI Features

Once added to the system, powerful AI and intelligent video analytic features such as person-based intelligent search and area occupancy are combined and integrated with the victor

The power behind **your mission**



and VideoEdge solution to strengthen operational efficiency and effectiveness. By simply allocating a license to a camera, the system will immediately begin collecting behavioral metadata that can be leveraged for reporting key performance indicators (KPIs) and trigger real-time alarms. Detect suspicious objects and abnormal behavior to identify trends that help mitigate threats, and pinpoint exact location of alarms on maps to arm security teams with life-saving details. With the powerful, automated and forensic search capabilities powered by Tyco AI, victor and VideoEdge users are able to save time when minutes matter.

Additional tools that help with both live streaming and forensic search include Smart Streaming and Smart Search. Smart streaming reduces centralized client requirements while viewing more cameras simultaneously without increasing bandwidth usage. Smart Search finds specific video clips based on metadata from behaviors, analytics, and event details within a forensic region of interest.

Ensure Reliability and Business Continuity with a Cybersecurity Program

The victor VMS has been designed to protect against cyber threats. This resilient solution has archiving and failover capabilities that provide business continuity across a variety of outages. With support for management of user accounts using Microsoft® Active Directory, access to victor’s critical functions, including privacy related data, can be tightly controlled from a centralized location. The victor VMS adheres to the rigorous standards of the Johnson Controls Cyber Solutions Product Security Program. The holistic approach to cyber protection is aimed at providing peace of mind to our customers. Our holistic mindset begins at initial design concept and is supported through deployment, including a rapid incident response to meet the comprehensive and evolving cybersecurity environments.

victor Features by Recorder

Network Video Recorders	VideoEdge	Intellex	exacqVision	Holis
Max # of recorders w/victor Professional	300	700	300	300
Live View, Playback and Export	✓	✓	✓	✓
Hardware Acceleration (NVIDIA)	✓		✓	✓
Bi-Directional Audio (SIP)	✓	✓	✓	✓
Alarm Management	✓	✓	✓	
Digital Output Action	✓	✓	✓	✓
Smart Search	✓	✓		
Streaming Playback	✓	✓		
Pan, Tilt & Zoom Support	✓	✓	✓	
360° (Fisheye) Camera Dewarping	✓		✓	
Secure HTTPS & TLS Connection	✓			
victor Web Client	✓			
victor Web LT Client	✓			
Video Intelligence Analytics & LPR ANPR	✓			
Multistream & Smart Stream Support	✓	✓		
Single Camera Stream Support	✓	✓	✓	✓
Supports 19 Languages*	✓	✓		

*Arabic, Chinese, Czech, Danish, Dutch, English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese (Brazilian), Romanian, Russian, Spanish, Swedish, Turkish

Technical Specifications

victor Professional Client

Platform Type*	Operating System	Max # Monitor(s)	CPU	Min Memory	Max Streams	Display Adapters
Standard Workstation	Windows 10 (64-bit)	Dual or Quad	Intel Core i5-8500	8 GB	144	NVIDIA Quadro P600 [x1] or P620 [x1]
Performance Workstation	Windows 10 (64-bit)	Dual or Quad	Intel Core i7-8700	16 GB	192	NVIDIA Quadro P1000 [x1]
High Performance Workstation	Windows 10 (64-bit)	Dual or Quad	Intel Xeon Silver 4110 (CPUs x2)	32 GB	192	NVIDIA Quadro P1000 [x1]

*For further information on recommended Platforms, CPU Types & Display Adapters, see victor 5.7 specification document 8200-1147-18 K0. This application note refers to recommendations for both Client & Application Server.

victor Professional Application Server (Preferred)

Workstation Configuration	Operating System	CPU	RAM (GB)	Storage Req	Database (dependent on system)
victor Application Server	Windows Server 2016 (64-bit)	Intel Core i5	8	500 GB 7.2K RPM	Microsoft SQL Server 2016

victor Professional Application Server; Supported Operating Systems & Database

Operating System	Microsoft Windows 10 (64-bit) Microsoft Windows Server 2016 (64-bit), Server 2019 (64-bit)
Database	Microsoft SQL Server 2014 (SP1 or later) Express Microsoft SQL Server 2016, 2017, 2019 (Express, Standard & Enterprise)

Virtualized victor Professional Application Server

Virtualization Platforms	Operating System (Preferred)	# of CPU Cores	CPU Reservations	RAM (GB)	Storage Req	Database (dependent on system)
VMware ESXi 6.0	Windows Server 2016 R2	4	7 GHz	16	500 GB	Microsoft SQL Server 2016

victor Professional Application Server Performance

Platform Type	Max Recorders VideoEdge/Intellex	Max Clients (Simultaneous)	Max Alert Activity
victor Application Server (w/o C•CURE 9000)	300/700	100	64 per sec

victor Professional Base License

Part Number	Description
ADVASC01	victor Professional Software License, includes: victor Application Server, 1 concurrent victor Unified Client connection, 1 concurrent victor Web client connection & 1 concurrent victor Go client connection (Base)

victor Professional Add-on Features

Part Number	Description
ADVASC01ADD	victor Professional Software License, 1 Concurrent Client Connection Add-on
ADVASC25ADD	victor Professional Software License, 25 Concurrent Client Connections Add-on
ADVWCC01ADD	victor Professional Add-on License victor Command Center Video Wall agent. Includes 1 video wall agent & Client to Client push
ADVC-VCVMK	victor Professional Add-on License, victor Client Virtual Matrix and serial PTZ Keyboard support
ADVC-POS	victor Professional Add-on License, Point of Sale Data Import
ADVC-LDAP	victor Professional Add-on License, LDAP User Support
ADVWCC01	Standalone victor Web - Single Web Concurrent Connection Client license
ADVC-VWC01	victor Web - Single Web Concurrent Connection Client license
ADVC-VGOAPP01	victor GO - Single concurrent client license

victor Professional Centralized Licenses for VideoEdge Recorders

Part Number	Description
ADVC-CENTLIC	victor Professional Central License Management for VideoEdge
ADVC-VECAM	victor Professional Centrally Managed VideoEdge IP Camera Connection License - Single Camera License
ADVC-VEVA	victor Professional Centrally Managed VideoEdge IP Camera Video Intelligence Analytics License - Single Camera License
ADVC-VELPR	victor Professional Centrally Managed VideoEdge IP Camera License Plate Recognition (LPR) - Single Camera License
ADVC-TYCREID01	victor add-on, 1 intelligent search - person: Centralized license (includes all AI rules), per camera
ADVC-VEFET1	VideoEdge Facial Enrollement Tier1, database<25 Identities, 1 per camera stream. Licensed on vAS
ADVC-VEFET2	VideoEdge Facial Enrollement Tier2, database<100 Identities, 1 per camera stream. Licensed on vAS
ADVC-VEFET3	VideoEdge Facial Enrollement Tier3, database<1000 Identities, 1 per cam stream. Licensed on vAS
ADVC-VEFET4	VideoEdge Facial Enrollement Tier4, database<10,000 Identities, 1 per cam stream. Licensed on vAS

victor Professional Integration Options

Part Number	Description
ADAI-TYCPPL01	victor integration with Tyco AI Occupancy
ADAI-TYCFACE01	victor integration with Tyco AI Face Matching
ADAI-TYCMASK01	victor integration with Tyco AI Mask Detection
ADVC-4100U	victor integration with Simplex 4100U/ES Fire Panel
ADVC-AMAG	victor integration with AMAG Symmetry Access Control
ADVC-BACNET	victor integration with BMS BACnet
ADVC-BOSCHREC	victor integration with Bosch D6600 Alarm Receiver
ADVC-CASTEL	victor integration with Castel Intercom
ADVC-CCUREINT	victor integration with Software House C-CURE 9000 Access Control
ADVC-CEM	victor integration with CEM Systems AC2000 Access Control
ADVC-COMMEND	victor integration with Commend Intercom
ADVC-DMP	victor integration with DMP Intrusion
ADVC-DSC	victor integration with DSC Power Series Intrusion
ADVC-ELPAS	victor integration with Elpas Real-Time Location (RTL)
ADVC-ENTRAPASS	victor integration with EntraPass
ADVC-FIRECLASS	victor integration with FireClass Fire Panel
ADVC-GALAXY	victor integration with Galaxy Intrusion
ADVC-ITV2	victor integration with DSC Neo ITV2 Intrusion
ADVC-KONE	victor integration with Kone Elevator
ADVC-MZX	victor integration with MZX Fire Panels
ADVC-OTIS	victor integration with Otis Elevator
ADVC-SURGARD	victor integration with DSC Surgard Alarm Receiver
ADVC-TOA	victor integration with TOA AiPhone Intercom

Optional – Accessories

Part Number	Description
ADVC-SVRSTD	victor Application Server, 1U, Win Server 2016, RAID 1, victor software and licenses sold separately
ADVC-SVRHIPERF	victor Application Server, 2U, Win Server 2016, RAID 10, victor software and licenses sold separately
ADVC-WSCMPT	victor Compact Workstation, Win10, victor Professional client installed
ADVC-WSSTD	victor Standard Workstation, Win10, victor Professional client installed, next day on-site support
ADVC-WSPERF	victor Performance Workstation, Win10, victor Professional client installed, next day on-site support
ADVC-WSHIPERF	victor High Performance Workstation, Win10, victor Professional client installed, next day on-site support
ADLCD20GBHD	20" LED Monitor, Full HD, 1920x1080, HDMI, VGA
ADLCD22GBHD	22" LED Monitor, Full HD, 1920x1080, HDMI, VGA, Audio
ADLCD24GBHD	24" LED Monitor, Full HD, 1920x1080, HDMI, VGA, Audio
ADLCD32GBHD	32" LED Monitor, Full HD, 1920x1080, HDMI, VGA, Audio
ADVCMONENCV1	victor Client Workstation HDMI Monitor Encoder Keyboard
ADVCPPTZKEY1	victor USB PTZ Keyboard with Jog Shuttle
AD2089	Keyboard, RS232, macro keys and digital recorder control, desktop, 120 VAC

Training and Certifications

Part Number	Description
ADVVE5001	victor and VideoEdge Basic Installer E-Learning Certification Training
ADVVE5002	victor and VideoEdge Advanced E-Learning Certification Training
ADVVE5003	victor and VideoEdge Basic & Advanced E-Learning Certification Training
ADVVE5004	victor and VideoEdge Master Tech E-Learning Certification Training
AD4017	victor and VideoEdge Operator/Basic Administrator (2 days)
AD4025	victor and VideoEdge Basic Installer (2 days)
AD4026	victor and VideoEdge Advanced Installer (3 days)
IREQ-OST	On-site Training Request

victor VMS and VideoEdge Recorders are sold, serviced and supported by a network of Certified Installers and are backed by an American Dynamics Software Support Agreement to ensure long term support and maintenance. For specific information regarding Certification, Training and SSA requirements please consult your local sales representative.

Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit www.americandynamics.net or follow us on Facebook, Twitter, and LinkedIn.