



victor Enterprise VMS

Powerful Scalability for Global Security Operations



Federated Architecture
Support for thousands of NVRs with centralized and satellite application servers



Global Command
Real-time management of active surveillance environments for complete control and visibility to global operations



Global Collaboration
Powerful reporting tools provide ability to instantly share analytic data across the enterprise



Event Management
Create alarms and tie events to actions, creating automation and workflows to get the right information to the right operator in real-time



Analytic Insights
Fast and accurate investigation through intelligent search-person, area occupancy, crowd counting & forensic object classification search



GIS Mapping and Objects
Increase situational awareness by associating cameras to GIS or custom base maps, visualizing alarms and decreasing response time

A Solution That Protects Your Business and Helps it Grow

When you combine the powerful capabilities of victor Professional 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 investigative 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.

Centrally manage VideoEdge NVRs and Illustra camera fleets across the security network. Firmware updates may be administered and scheduled from the victor client, reducing manual efforts and minimizing downtime.

Powerful Scalability for Increased Awareness of Dynamic Environments

Combined with advanced event management, victor Enterprise streamlines real-time command and management over a widespread, active surveillance environment allowing customers complete control and visibility to global operations. Support thousands of video recorders with victor Enterprise by providing a centralized MAS and multiple satellite application servers that create a robust infrastructure. victor's powerful collaboration tools provide any operator the ability to immediately share visual and analytic data across the integrated enterprise platform allowing for greater business insight.

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, area occupancy, crowd counting, object classification and more are combined and integrated with the victor 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 Illustra AI, victor and VideoEdge users can save time when seconds 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
Max # of recorders w/victor Enterprise ¹	300 per SAS	700 per SAS
Max # of SAS per MAS w/victor Enterprise ²	60	40
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	✓	
Video Intelligence Analytics & LPR	✓	
Multistream & Smart Stream Support	✓	✓
Single Camera Stream Support	✓	✓
Supports 19 Languages ³	✓	✓

¹ For the max # of recorders with ExacqVision, Holis, and 3rd party, consult your Sales Representative.

² For the maximum number of SAS and recorders for your specific system configuration, consult your Sales Representative.

³ Arabic, Chinese, Czech, Danish, Dutch, English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese (Brazilian), Romanian, Russian, Spanish, Swedish, Turkish

Technical Specifications

victor Enterprise Client Workstation (Preferred)

Platform Type*	Operating System (Preferred)	Max # Monitors	CPU	Min Memory	Max Streams	Display Adapters
Compact Workstation	Windows 10 or 11 (64-bit)	2	Intel Core i5-10500T	8 GB	64	Intel UHD 630
Standard Workstation	Windows 10 or 11 (64-bit)	3	Intel Core i5-8500	8 GB	144	NVIDIA Quadro T400 [x1]
Performance Workstation	Windows 10 or 11 (64-bit)	4	Intel Core i7-12700T	16 GB	192	NVIDIA Quadro T1000 [x1]

* For further information on recommended Platforms, CPU Types & Display Adapters, see the victor Unified Client Recommended Platform Specifications Application Note.

This application note refers to recommendations for both Client & Application Server.

victor Enterprise Application Server (Preferred)

Server Configuration*	Operating System (Preferred)	CPU	RAM (GB)	Storage Req	Database (dependent on system)
victor MAS/SAS Application Server	Windows Server 2022 (64-bit)	Intel Xeon Quad-core (3.5 Ghz or greater)	32 GB or greater	2 x 1TB or greater. 15k RPM or SSD recommended	Microsoft SQL Server 2022 (64-bit)*

* Support starting in C-CURE 9000 v3.00.3. For further detailed specifications on recommended operating systems and databases, please consult your American Dynamics Sales Representative or Applications Engineer.

victor Satellite Application Server Performance

Platform Type	Max Recorders VideoEdge/Intellex	Max Clients (Simultaneous)	Max Alert Activity
victor Application Server	300/700	150	64 per sec

Virtual victor Application Server (Preferred)

Virtualization Platform	Operating System (Preferred)	#of CPU Cores	CPU Reservation	RAM (GB)	Storage Req	Database
SAS VMware ESXi 6.0 (or later)	Windows Server 2022 (64-bit)	4	7 GHz	16	500 GB	Microsoft SQL Server 2022 (64-bit)*
MAS VMware ESXi 6.0 (or later)	Windows Server 2022 (64-bit)	6	10 GHz	24	1000 GB	Microsoft SQL Server 2022 (64-bit)*

* Support starting in C-CURE 9000 v3.00.3. For further detailed specifications on recommended operating systems and databases, please consult your American Dynamics Sales Representative or Applications Engineer.

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victor Enterprise MAS Base License

Part Number	Description
ADVMAS-10	victor Enterprise MAS, 1 concurrent client connection (Base), Supports up to 10 Satellite Application Servers
ADVMAS-20	victor Enterprise MAS, 1 concurrent client connection (Base), Supports up to 20 Satellite Application Servers
ADVMAS-40	victor Enterprise MAS, 1 concurrent client connection (Base), Supports up to 40 Satellite Application Servers
ADVC-VMASCC9	victor Enterprise - Application Server Upgrade to Satellite Application Server for C-CURE MAS to victor Unified MAS

victor Enterprise MAS Add-on Features

Part Number	Description
ADVMASC01ADD	victor Enterprise MAS Add-on License, 1 Concurrent Client Connection Add-on
ADVMASC25ADD	victor Enterprise MAS Software License, 25 Concurrent Client Connection Add-on
ADVMASCC01ADD	victor Enterprise MAS Add-on License, victor Video Wall agent. Includes 1 video wall agent
ADVC-MASLDAP	victor Enterprise MAS Add-on License, victor Application Server LDAP
ADVC-MASVMK	victor Enterprise MAS Add-on License, victor Client Virtual Matrix and serial PTZ Keyboard support

victor Enterprise SAS Base License

Part Number	Description
ADVC-APPSERVER	victor Enterprise SAS, 1 concurrent client connection (Base)

victor Enterprise SAS 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
ADWCC01ADD	victor Professional Add-on License victor Command Center Video Wall agent. Includes 1 video wall agent & Client to Client push
ADVC-SASLDAP	victor Enterprise SAS Add-on License, LDAP Users
ADVC-SASVMK	victor Enterprise SAS Add-on License, victor Client Virtual Matrix and serial PTZ Keyboard support
ADVC-SASPOS	victor Enterprise SAS Add-on License, Point of Sale Data Import
ADWCC01	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 Enterprise SAS Centralized Licenses for VideoEdge Recorders

Part Number	Description
ADVC-SASCENTLIC	victor Enterprise SAS Central License Management for VideoEdge
ADVC-SASVECAM	victor Enterprise SAS Centrally Managed VideoEdge IP Camera Connection License - Single Camera License
ADVC-SASVEVA	victor Enterprise SAS Centrally Managed VideoEdge IP Camera Video Analytics License - 1 Camera License
ADVC-SASVELPR	victor Enterprise SAS Centrally Managed VideoEdge IP Camera License Plate Recognition (LPR) - Single Camera License

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victor Enterprise SAS Integration Options

Part Number	Description
ADAI-TYCCCO1	victor integration with Illustra AI Crowd Counting
ADAI-TYCFACE01	victor integration with Illustra AI Face Matching
ADAI-TYCPERM01	victor integration with Illustra AI Intelligent Perimeter
ADAI-TYCMASK01	victor integration with Illustra AI Mask Detection
ADAI-TYCOBJ01	victor integration with Illustra AI Object Classification
ADAI-TYCPPL01	victor integration with Illustra AI Occupancy
ADAI-TYCSOCD01	victor integration with Illustra AI Social Distancing
ADAI-TYCFAL01	victor integration with Illustra AI Fall Alert
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-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
ADVAS-STD	victor Application Server 1U, Windows Server 22, iDRAC9, RAID 1, victor Software and Licences sold separately
ADVC-WSCMPT	victor Compact Workstation, Win10, victor Professional client installed
ADVC-WSSSTD	victor Standard Workstation, Win10, victor Professional client installed, next-day onsite support
ADVC-WSPERF	victor Performance Workstation, Win10, victor Professional client installed, next-day onsite support
ADLCD34MCWQ	34" LCD Curved WQHD 1440p, HDMI, DP, USB Hub
ADLCD24BHD	24" LCD FHD 1080p, DP, VGA
ADLCD22BHD	22" LCD FHD 1080p, DP, VGA
ADLCD17B	17" LCD 1280 x 1024, DP, VGA
ADVCMONENCV1	victor Client Workstation HDMI Monitor Encoder
ADVCPTZKEY1	victor USB PTZ Keyboard with Jog Shuttle
AD2089	Keyboard, RS232, macro keys and digital recorder control, desktop, 120 VAC
TYCTRNSCDRA	Transcoder, adds 20 channels of transcoded video to VideoEdge NVRs

Training and Certifications

Part Number	Description
ADWE5001	victor and VideoEdge Basic Installer E-Learning Certification Training
AD4025	victor and VideoEdge Basic Installer (2 days)
AD4026	victor and VideoEdge Advanced Installer (3 days)
REQ-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.