Data Sheet

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victor Enterprise Video Management System

Key Features

- Manage a federated server architecture from a MAS
- Support thousands of video recorders
- Advanced event, map, and clip management
- Comprehensive, active surveillance environment
- View events and generate global reports across the entire system
- Integrate or unify with Software House C·CURE 9000 access control
- 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.

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.

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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/ 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/ VideoEdge users are able to save time when minutes matter.

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]	40	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	✓	
victor Web LT 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

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 the victor Unified Client Recommended Platform Specifications Application Note. This application note refers to recommendations for both Client & Application Server.

victor MAS/SAS (Preferred)

Workstation Configuration	Operating System (Preferred)	CPU	RAM (GB)	Storage Req	Database (dependent on system)
victor Enterprise SAS	Windows Server 2016 (64-bit)	Core I5_8500	16	500 GB 7.2K RPM	Microsoft SQL Server 2016
victor Enterprise MAS	Windows Server 2016 (64-bit)	Xeon Silver 4101	24	500 GB 7.2K RPM	Microsoft SQL Server 2016

*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	100	64 per sec

Virtual victor Application Server

Virtualization Platform	Operating System (Preferred)	#of CPU Cores	CPU Reservation	RAM (GB)	Storage Req	Database
SAS VMware ESXi 6.0	Windows Server 2016 (Latest SP)	4	7 GHz	16	500 GB	SQL Server 2016
MAS VMware ESXi 6.0	Windows Server 2016 (Latest SP)	6	10 GHz	24	1000 GB	SQL Server 2016

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
ADVSASC01ADD	victor Enterprise SAS Add-on License, 1 Concurrent Client Connection Add-on
ADVSASC25ADD	victor Enterprise SAS Add-on License, 25 Concurrent Client Connections Add-on
ADVSASCC01ADD	victor Enterprise SAS Add-on License, victor Video Wall agent. Includes 1 video wall agent
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
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, sold per Application Server

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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

victor Enterprise SAS 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

victor Enterprise SAS Integration Options (Cont.)

Part Number	Description
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 installeds
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
ADVCPTZKEY1	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)
REQ-OST	On-site Training Request

Tyco American Dynamics victor VMS and VideoEdge Recorders are sold, serviced and supported by a network of Certified Installers. For specific information regarding Certification and Training requirements please consult your local sales representative.

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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.

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