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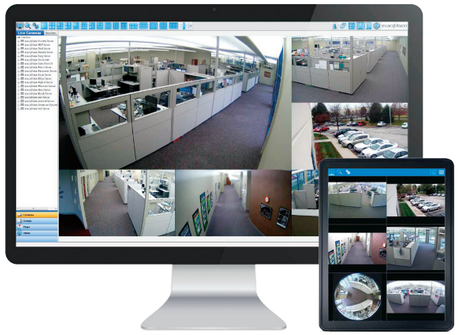
Powerful video surveillance made easy

exacqVision video solutions single camera to enterprise

The power behind **your mission**

Johnson Controls

exacqVision: Intuitive, Powerful, Cost-Effective Video Surveillance



The exacqVision video management portfolio, comprised of video management software (VMS), network video recorders (NVR), and storage servers, is known for its ease of install and use, and low maintenance costs. The powerful exacqVision VMS is available on factory-installed hybrid and IP servers, and works with a wide range of commercially available off-the-shelf servers. Its intuitive and powerful feature set make it an ideal choice for many security-conscious applications including those in education, corporate, retail and healthcare.

For more than a decade, the Exacq brand has been synonymous with reliable video management solutions that are highly intuitive and very cost-effective. From small, single-camera systems to large, scalable deployments with thousands of cameras, the exacqVision portfolio provides an ideal security solution for nearly any application – particularly those requiring an uncomplicated installation process and intuitive user experience.

Video Management Made Easy

The exacqVision VMS is an easy-to-use, feature-rich system that lets customers easily manage live and recorded video, either for small stand-alone systems or for sprawling enterprise systems.

Every quarter, like clockwork, we release new features that are designed to help our global customers more effectively monitor video, audio and data in real time and reduce video review time to quickly conduct investigations. For a unique Edge experience, exacqVision Edge VMS installs directly on any compatible IP camera to provide a complete solution without the need for a separate server.

Compatible with thousands of IP camera models and a large number of access control systems, point-of-sale (POS) systems, and retail and video analytics, the exacqVision VMS is one of the industry's most flexible solutions.

Hybrid and IP Video Recorders Offer Customer-Centric Versatility

The exacqVision line of hybrid and IP camera recorders provides a complete, out-of-the box video solution. Use exacqVision IP camera recorders for a pure IP solution or the versatile hybrid recorders to integrate analog and IP cameras for a customer-friendly way to move an existing analog surveillance system to the latest IP technology.

Hybrid and IP camera recorders are all scalable, cross-compatible and unified through the freely distributed exacqVision client software, and every exacqVision recorder comes with pre-loaded exacqVision VMS software and a 3-year warranty with a software subscription agreement.

Access to exacqVision recorders is also available through most Internet browsers and using the free Exacq Mobile app available for iOS, Android and Kindle Fire.

Built-In Cybersecurity Controls

The exacqVision solution not only protects your facility from physical threats, it's designed to defend against cyber threats as well. With built-in cybersecurity controls, safeguards are in place to guard against unauthorized access, simplify management ofw user accounts, facilitate least-privilege assignment of permissions and limitnetwork exposure by controlling settings for ports, protocols and interfaces. The system will even send software update notifications so you can download the latest exacqVision security enhancements as soon as they're released.

Software specifications are subject to change without notice	Start	Professional	Enterprise
System			
Max Cameras Per Server	16 Analog / 16 IP	64 Analog / 128 IP	64 Analog / 128 IP
Max Server Connections Per Client	1	512 (client) / 16 (web browser client)	512 (client) / 16 (web browser client)
Windows & Linux Server Compatibility	✓	✓	✓
Free Windows, Linux & Mac Clients	✓	✓	✓
Browser-Based Viewing of Live/Stored Events	✓	✓	✓
Compatible with Free Exacq Mobile App	✓	✓	✓
EasyConnect Auto-Detect/Connect to Compatible IP Cameras	✓	✓	✓
Fisheye/Panoramic Lens Support (Live and recorded)	✓	✓	✓
Client Bandwidth Throttling	✓	✓	✓
Pre/Post Alarm Recording	✓	✓	✓
Soft Triggers	✓	✓	✓
Time-Lapse Recording		✓	✓
Extended Storage		✓	✓
Archiving		✓	✓
Per-Camera Min/Max Retention		✓	✓
Audit Trail		✓	✓
Custom User Groups		✓	✓
Third-Party Integrations		✓	✓
Smart Search		✓	✓
Email Notification for System Health Events		✓	✓
exacqVision Surveillance Keyboard Support		✓	✓
NVR Failover*			✓
Enterprise Camera Management			✓
Health Dashboard of exacqVision NVRs and Attached Cameras			✓
Advanced User Role Management			✓
Dynamic Client Connection Management			✓
Scheduled Configuration Backups and Recoveries			✓
Scheduled Version Updates			✓
LDAP/Active Directory			✓
Compatible with exacqVision Virtual Appliance			✓
Live view			
View Cameras on Multiple Monitors	✓	✓	✓
PTZ Control & Presets	✓	✓	✓
Digital PTZ Control & Presets	✓	✓	✓
Motion & Alarm Indication	✓	✓	✓
Event Linking on Discrete Inputs	✓	✓	✓
Event Linking on Video, Serial & Health Events		✓	✓
Event-Driven & Time-Lapse Video Switching		✓	✓
Camera Groups		✓	✓
Multi-Streaming		✓	✓
Two-Way Audio		✓	✓
Maps		✓	✓
VideoPush Video Wall			✓
Hierarchical Maps for Fast Camera Navigation			✓
Camera Inspection Workflow			✓
Search, Export & Archive			
exacqReplay Instant Replay	✓	✓	✓
Thumbnail & Timeline Event Search	✓	✓	✓
POS & ATM Serial Text Search	✓	✓	✓
Multi-Camera Playback	✓	✓	✓
Export to .AVI, .MOV, .MP4 or .EXE File	✓	✓	✓
Bookmarking		✓	✓
Multiple Camera Export		✓	✓
Case Management			✓

Hardware configurations are subject to change without notice	G-Series		LC-Series			ELP-Series		A-Series				Z-Series	
	IP	**PoE**	**IP**	**Hybrid**	**PoE**	**IP and Hybrid**		**IP and Hybrid**				**IP and Hybrid**	
Analog (for Hybrid models)													
Models/Form Factors	IP		LC-IPS	LC-Hybrid	LC-PoE	ELP	ELPR	Desktop	2U	2U Front Accessible	4U	2U	4U
Analog Inputs	N/A		N/A	8/16	N/A	8/16		8/16/32	16 looping/ 32 looping		16 looping/32 looping /48/64	16 looping/32	16 looping/32 looping /48/64
Analog Frame Rate	N/A		240/480 (NTSC) 200/400 (PAL)			240/480 (NTSC) 200/400 (PAL)		240/480/960 (NTSC) 200/400/800 (PAL)	480/960 (NTSC) 400/800 (PAL)		480/960/1440/1920 (NTSC) 400/800/1200/1600 (PAL)	30/25 fps per input	
Alarm Inputs/Outputs	N/A		Optional with USB I/O Module			4 inputs TTL 2 outputs TTL & 1 relay		8 inputs TTL 3 outputs TTL & 1 relay	16 inputs TTL 15 outputs TTL & 1 relay			16 inputs TTL 15 outputs TTL, 1 relay	
Analog Outputs	N/A		N/A	1		1		1/2/2	2/2		2/2/4/4	2	2/2/4/4
Audio Inputs	1		N/A	8/16		4		8/16/32	16			16	
IP													
Max IP Cameras	8	4 or 8 PoE	16		8 or 16 PoE	24		64				128	
Included IP Camera Licenses	2 Professional	4 or 8 Start or Professional	4 Start		8 or 16 Start	4 Professional		NVR = 4 Professional IP licenses; Hybrid = 8 Professional IP licenses (only 4 available with 8-channel desktop)				8 Professional	
Alarm Inputs/Outputs	Optional with USB I/O Module											IP Server: 4 inputs TTL 1 output TTL, 1 relay Hybrid: 16 inputs TTL 15 outputs TTL, 1 relay	IP Server: 8 inputs TTL 3 output TTL, 1 relay Hybrid: 16 inputs TTL 15 outputs TTL, 1 relay
Server & General													
Pre-Loaded VMS Software	Professional (Enterprise Optional)	Start or Professional (Enterprise Optional)	Start or Professional (Enterprise Optional)			Professional (Enterprise Optional)		Professional (Enterprise Optional)				Professional (Enterprise Optional)	
Typical Video Storage Rate (Mbps)	60	90	100		150	200		250 (Windows) 300 (Linux)	300 (Windows) 450 (Linux)	IP Server: 350 (Windows) 550 (Linux) Hybrid: 300 (Windows) 450 (Linux)	350 (Windows) 550 (Linux)	400 (Windows) 800 (Linux)	800 (Windows) 1200 (Linux)
Local Client Display Rate (FPS)	Client use recommended only for configuration purposes	120 @ HD resolution	150 @ HD resolution 600 @ analog resolution		300 @ HD resolution	270@ HD resolution		700 @ HD resolution (Windows), 900 @ HD resolution (Linux) 1800 @ analog resolution				Windows: 700 @ HD resolution/1800 @ analog resolution Linux: 900 @ HD resolution/1800 @ analog resolution	
Max Storage	1 TB	2 TB 4-ports and 4 TB 8-ports	12 TB			6 TB (ELP) 12 TB (ELPR)		20 TB	30 TB	80 TB (RAID 5 optional)		96 TB RAID 5	240 TB RAID 6
Removable HD	No		No			No	Yes	No	No	Yes	No	Yes	
RAID Configuration	N/A		N/A			N/A		N/A		RAID 5 optional		5	6
Operating System	Ubuntu Linux 18.04		Ubuntu Linux 18.04			Ubuntu Linux 18.04		Windows 10 64-bit or Ubuntu Linux 18.04, Windows Server 2016 (Optional)				Windows 10 64-bit or Ubuntu Linux 18.04, Windows Server 2016 (Optional)	
Operating System Location	HDD		HDD			120 GB SSD		128 GB SSD	128 GB SSD	128 GB SSD (RAID 1 Optional)	128 GB SSD (RAID 1 Optional)	128 SSD (RAID 1 Optional)	
Monitor Output	HDMI, Mini DP	HDMI, DP	1 DVI-D + 1 HDMI + 1 DisplayPort + VGA (max 2 simultaneous)			1 DVI-I + 1 HDMI +1 VGA + 1 DisplayPort (max 2 simultaneous monitors)		Most systems: 1 DVI-D + 1 HDMI + 1 DisplayPort + 1 VGA For 4U Hybrid systems and systems with certain upgrade options: 1 DVI-D + 1 HDMI + 1 VGA				1 DVI-D + 1 HDMI +1 VGA (max 2 simultaneous monitors)	
NIC	2 x 1Gbps		2 x 1Gbps (IP)		2 x 1Gbps	2 x 1Gbps		2 x 1Gbps (4 x 1Gbps, 2 x 10Gbps Optional)				2 x 1Gbps (4 x 1Gbps, 2 x 10Gbps Optional)	
Redundant Power Supply	No		No			No		No	No	Yes, Dual Hot Swap (Optional)		Yes, Dual Hot Swap	
Serial	1	None	N/A			RS-485 (Hybrid systems)		RS-485 (Hybrid systems)				RS-485	
Audio Outputs (Server)	1		1			1		1				1	
Kantech-Onboard Integration	N/A		N/A			N/A		Yes, Windows models only				Yes, Windows models only	
Warranty / SSA	Includes a 3-year warranty and 3 years of software updates											Includes a 3-year warranty and 5 years of software updates	

Enterprise Management

	EM-Series 2000	EM-Series 500
Max Video Recorders	2000	500
Pre-Loaded Software	exacqVision Enterprise Manager	
Max Storage	4	
Removable HD	4 TB	2 TB
RAID Configuration	RAID 6	
Operating System	Windows Server 2016, Ubuntu Linux 18.04	Windows 10, Ubuntu Linux 18.04
Operating System Location	128 GB SSD (RAID 1 Optional)	
Monitor Output	1 DVI-D + 1 HDMI + 1 VGA	1 DVI-D + 1 HDMI + 1 DisplayPort + 1 VGA
NIC	2 x 1Gbps, 2x10 Gbps SPF+ (Optional)	
Redundant Power Supply	Yes, Dual Hot Swap	No

Live Monitoring

	C-Series Standard	C-Series Pro	C-Series Pro Plus
Number of Video Streams Supported	16 streams @ Full HD	32 streams @ Full HD	
Frame Rate	15 fps per stream	15 fps per stream (Linux), 10 fps per stream (Windows)	
Monitor Output	HDMI, mini-DP	HDMI, DP	
Form Factor	Micro	Mini	
VESA Mountable	Yes	Yes	
Operating System	Ubuntu Linux 18.04	Windows 10 or Ubuntu Linux 18.04	
Network	1 Gb NIC	1 Gb NIC	
Wifi	Yes	Yes	
SSD Storage	128GB	256GB	
HDD Storage	None	None	1TB

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Networked Video Storage

S-Series		
Form Factor	Enterprise 2U	Enterprise 4U
Archiving - Max Video Recorders	32	64
Archiving - Max Data Rate (Mbps)	1500 Mbps with dual NIC bonding / 2000 Mbps with optional tri NIC bonding	
Archiving - Designed for Enterprise Manager	✓	✓
Ext. Storage - Max Video Recorders	32	64
Ext. Storage - Max Data Rate (Mbps)	350	500
Ext. Storage - Designed for Enterprise Manager	✓	✓
Pre-loaded VMS Software	exacqVision Storage Enterprise	
Enterprise Manager Monitoring Compatible	✓	✓
Storage Maximum (Internal)	96 TB RAID 5	240 TB RAID 6
NIC	3x1 Gbps (2 for storage, 1 for management) or 4x1 Gbps (optional)	
Operating System	Ubuntu Linux 18.04	
Operating System Location	128 GB SSD (RAID 1 Optional)	
Redundant Power Supply	Dual Hot Swap	

About 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 about Exacq, please visit www.exacq.com or follow us on Facebook, Twitter, and LinkedIn.

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