

## SecureGuard® VMS v2.9



## Overview

SecureGuard® is a video management solution for monitoring video, audio, and access control from Speco Technologies line of IP cameras, DVRs, NVRs, access control and audio products. View live and recorded video in high definition and 4K quality. Conduct quick and efficient investigations with timeline visualizations and thumbnail displays using the EZ Search technology. The client software combines user-level access with remote monitoring capabilities to allow safe and secure monitoring and control of sites from anywhere. SecureGuard® is feature rich with usability and productivity tools to maximize monitoring capabilities, reliably and securely. And best of all, SecureGuard® allows users to view, review and record any Speco devices with no licensing fees and no restrictions.



## Features

- **ONVIF** – Supports flexibility and interoperability giving the option to view and record other manufacturer cameras that are ONVIF Profile S or T compliant.
- **Speco Access** – Add and manage your Speco Access devices in your installation allowing for the management of users and linking channels to doors. Mapping your doors on E-maps is also possible.
- **Server Monitoring** – A dedicated Speco server will monitor your installation and will send an email notification upon a status change loss in communication or re-established connection.
- **Archive to the Speco Cloud** – Archive crucial channel footage to Speco's Cloud for long term retention.
- **Free Software Updates** – Stay up to date with the latest security enhancements, features and patches. Updates can be downloaded manually or automatically on a regular user determined schedule.
- **Custom Branding** – A free service which completely custom brands every component of SecureGuard® with one's own company logo. Custom branding applies to the client software, stand-alone viewer, splash screens, desktop icons and watermarks on exported video.
- **H.265 Compression** – In addition to supporting the H.264 compression standard, SecureGuard® also supports the newer H.265 compression standard for a 50% reduction in network bandwidth usage and increased storage capacity.
- **Email Notification** – Never again miss a critical situation. Events such as alarms and system health statuses can be programmed to trigger email notifications to the appropriate personnel for immediate response.
- **Image/Video Attachments** – Attach a snapshot or video clip with email notifications to quickly identify false alarms.
- **NAS/DAS/Cloud Archival** – Archiving can be completed manually or automatically on a daily or weekly schedule.
- **Audio Streaming** – Remotely stream background audio such as music or advertisements to one or more sites.
- **2-Way Audio** – Use the push-to-talk button with a microphone to instantly send an audio page to one or more sites. A pre-recorded audio clip may also be sent using push-to-talk.
- **Dual Stream** – Record at high resolution while monitoring at a lower, bandwidth friendly resolution to reduce network congestion and improve overall performance.
- **Investigations** – Search through recordings fast, easily, and efficiently using EZ Search, Event Search and Time Search. Search events from recorded video by breaking down the video clips into thumbnails and narrowing down to the desired event within a few mouse-clicks.
- **Roles and Permissions** – Limit user access to sites, channels, doors, and features.
- **Quick and Easy Setup** – Auto detect IP cameras, recorders, and Speco Access control devices, organize monitored sites, define view layouts, schedule event based and continuous recording, all through an intuitive user interface designed to streamline setup and enhance usability.
- **Mobile Accessibility** – Connect to your SecureGuard® installation using our SecureGuard® Client mobile app to view your sites on the go.
- **E-maps** – Take monitoring to a new level with the ability to view camera sites and doors on custom maps and floor plans.
- **PTZ Touring** – Set up tours to visits your presets in the order that you define and stay at each preset for the duration that you choose.
- **SMS Mass Notification** – Your patrons can opt-in to receive emergency alerts in the form of text messages by texting a pre-defined keyword a short code provided by the facility. Emergency alerts can be event triggered or manually initiated all within the SecureGuard® client software.
- **Real-time event list** – View Recordings and access control events in real-time with SecureGuard®'s new productivity tool: Real-time Event List. Events are immediately displayed in the SecureGuard®'s Event Viewer tab as they happen. Acknowledgment and bookmarking capabilities greatly enhance productivity and minimize response time. Color coded events allows for quick and easy differentiation between motion, sensor (alarms, gunshot detection, access control), user triggered, and system events. Quickly jump to recorded video for an event by a simple click on the event.
- **Guardian Active Shooter Detection System** – Be prepared to act in an active shooter situation with SecureGuard® and Guardian by Shooter Detection Systems. Combine the proven, zero fault Guardian's gunshot detection system with SecureGuard®'s managed video and mass alerting capabilities to make every second count where lives are at stake. Guardian is fully integrated with SecureGuard® to include site tree display, e-Map support, camera linking, pre/post alarm recording and SMS alerts.
- **SAFR** – Integrated with RealNetwork's SAFR Face Recognition. SecureGuard® works with SAFR to detect and identify faces in real time in order to mitigate threats saving lives and property. When a threat is detected, SecureGuard® records the scene and notifies designated personnel with the option to send mass text messages via Speco's SMS Notification System.
- **SureView Systems & I-View Now** – Integrated with popular video verification platforms to efficiently communicate real-time, quality video evidence to central alarm monitoring stations.
- **SmartThings** – Integrated with SmartThings to automatically trigger smart lightbulbs and switches on event.
- **Real-Time Health Status** – Stay informed of sites status and be alerted of when cameras and recorders are vandalized, lose power or experience a disruption in communication between it and SecureGuard®. Know when video loss occurs from cameras down to individual channels of a DVR/NVR.

		SecureGuard®	
	Client-Server Application	SecureGuard® Client / SecureGuard® Server	
	SecureGuard® Client OS Supported	64bit Windows 7 Pro. or greater, Mac OS X 10.7 and above	
	SecureGuard® Server OS Supported	64bit Windows 7 pro. or greater	
	Max. # of Users	Unlimited	
	Max. # of Authority Roles	Unlimited	
	Included # of channels per installation	32 (additional channel license may be purchased separately)	
	Max. # of Camera Displays Per Client	64	
	Max. # of DVR, NVR, and IP Camera Connections	Unlimited (Performance will vary by PC and/or network)	
	Max. # of Groups Per Users	Unlimited	
	Max. # of Groups Viewable at a Single Client	1	
	Free Software Updates	Yes	
	Remote Configuration	DVRs, NVRs, IP Cameras <sup>1</sup> , Speco Access Control	
	Auto-Detection of Sites	Yes (Speco IP Cameras, ONVIF cameras <sup>4</sup> , Speco Access Control Server and NX, VX, VT, HRL, HT, HS, VS, NS, NR, DS, RS, NU, and ZS recorders)	
	Export/Import System Settings	Yes	
	Site Connection Using DDNS	Yes	
	Max. Recording Storage Days	365 days before overwrite occurs	
	Min. Storage Space	10% of available HDD space before overwrite occurs	
	Log Reports	Yes	
	Password Protection	Yes	
	Dewarp 360° Panoramic Lens	Yes	
	Email Notification for Event Triggered Recordings and Health Status	Yes (motion, sensor, panic/user, periodic <sup>3</sup> or on changes, or server monitoring <sup>4</sup> )	
	Email Notification Attachments	Snapshot (.jpg), Video Clip (.avi), Health (.txt)	
	Dual Stream Support	Speco IP Cameras, ONVIF cameras <sup>4</sup> , NX, VX, VT, HRL, HT, HS, VS, NS, NR, DS, RS, NU and ZS recorders	
	E-maps	Yes	
	User Access Management	Yes	
	Speco Access Control Management	Yes	
Tag Sites of Interest	Yes		
Speco Access	Add Access Control Server	Yes	
	Link Access Control Door to Video Channel	Yes	
	Manage Users	Yes	
	Manage Cards	Yes	
Database	File Format	sqlite	
	Scheduled and Manual Backups	Yes	
	File Validation, Repair and Restoration	Yes	
Live View	PTZ Controls	Pan, Tilt, Zoom, Preset, Focus, Iris	
	Digital PTZ	Yes	
	Snapshot	Yes	
	Live Audio	Speco IP Cameras, ONVIF cameras <sup>4</sup> , NX, VX, VT, HRL, HT, HS, VS, NS, NR, DS, RS, NU, and ZS recorders	
	Video Sequencing	Dwell Time	Max. 99 sec.
		Screen Mode	1x1, 2x2, 3x3, 4x4, 5x5, 6x6, 7x7, 8x8
	PTZ Touring	Dwell Time	Max 99 sec.
		Preset	Max 99 preset per tour
	Digital Zoom Factor	x1, x1.5, x2, x2.5, x3, x3.5, x4, x4.5, x5, x5.5, x6, x6.5, x7	
	Viewer Tabs	10	
	Full Screen on Events	Yes	
Pop-up on Event	Yes		
On-Screen Event Indicator	Yes		

Please note that specifications are subject to change without notification. <sup>1</sup>CX, LX, CS, LS, PS, GS not supported. <sup>2</sup>O2D10, O2DP14, O2B16, O2P30 not supported. <sup>3</sup>Available information may vary by model. <sup>4</sup>Requires licensing, contact Speco Technologies RSM for more information. Please email sales@specotech.com or call 1.800.645.5516 for more info. See technical specifications for models supported. Compatibility based on all active Speco Products. Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation. Spec Rev. 4/21/21

Recording and Playback	Video	File Format	MKV
	Audio	File Format	G.711
		Enable/Disable 2-Way Recording	Yes
	Recording Modes	Trigger Based (Motion/Sensor) Recording	Yes
		Continuous Recording	Yes
		Schedule Recording	Yes
		User/Manual Recording	Yes (Max. 4 hrs.)
	Pre-Trigger Time		Max. 60 seconds
	Post-Trigger Time		Max. 30 minutes
	Playback Speed		x1, x2, x4, x8, x16, x32
	Multi-Site Playback		Yes
	On-Screen Recording Indicators		Yes
Playback Slider		Yes (Edge Recordings not supported)	
Backup	Snapshot		Yes
	Image File Format		BMP, JPEG, TIFF
	Export Video		Yes
	Exported Video File Format		AVI, MKV, MOV
	Watermark on Export		Yes
	Batch Export Event Clips		Yes (edge recordings not supported)
Archiving	To NAS/DAS/Cloud/Speco Cloud		Yes (Local/Server Recordings)
	Scheduled Archiving		Yes (Daily or Weekly)
	Manual Archiving		Yes
Search	EZ Search		Yes
	Time Search		Yes
	Event Search		Yes
Display	Display Mode	Simple	1x1, 2x2, 3x3, 4x4, 5x5, 6x6, 7x7, 8x8
		Advanced	Up to 12 different layouts
	On-Screen Information		Site Name, Camera Name, Time
	Image Adjustment		Brightness, Contrast, Saturation, Hue, Sharpness
Save Layouts		Yes	
Remote Playback	Devices Supported		NX, VX, HRL, HT, VT, HS, ZS, NS, NR, VS, DS, RS, CX, LX, CS, LS, PS, GS, NU, and all Speco IP cameras that support SD card <sup>1</sup>
	Remote Export		NX, VX, HRL, HT, VT, HS, ZS, NS, NR, VS, DS, RS, CX, LX, CS, LS, PS, GS, NU, and all Speco IP cameras that support SD card <sup>1</sup>
Audio	2-Way Audio Support		Yes
	Devices Supported		NX, VX, HRL, HT, VT, HS, VS, NS, NR, DS, RS, ZS, NU and Speco IP Cameras <sup>2</sup>
	Push-to-Talk		Yes
	Audio on Event		Yes
	Push-to-Talk Source		Mic Input, Line Input, USB Mic
	Page Pre-loaded Audio File		Yes
	Pre-loaded Audio File Format		wav, mp3
	Broadcasting		Yes
	Live Streaming		Yes (via Audio Stream App)
Live Streaming Source		Mic Input, Line Input	
Services	Branding		Yes
	Mobile Access		Yes (SecureGuard® Client Mobile app) <sup>5</sup>
	SMS Mass Notification		Yes <sup>4</sup>
	Speco Cloud Archiving		Yes <sup>4</sup> (Subscription)
	Server Monitoring		Yes <sup>4</sup> (Subscription)

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