




SIEMENS

Ingenuity for life



Siveillance™ Video Core
Siveillance™ Video Core Plus
Siveillance™ Video Advanced
Siveillance™ Video Pro

Comparison Guide 2020 R1



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Getting Started Guide

Siveillance Video is a powerful open platform IP VMS scaling from smaller to large complex deployments. The Siveillance Video portfolio consists of four editions, Siveillance Video Core, Core Plus, Advanced & Pro addressing the specific needs of small and medium size businesses up to large complex deployments.

The Siveillance Video family is a family that builds upon itself, it is completely scalable from small to large, built upon a common core platform and offering a wide range of features across the entire family. These features also grow with you when scaling upwards.

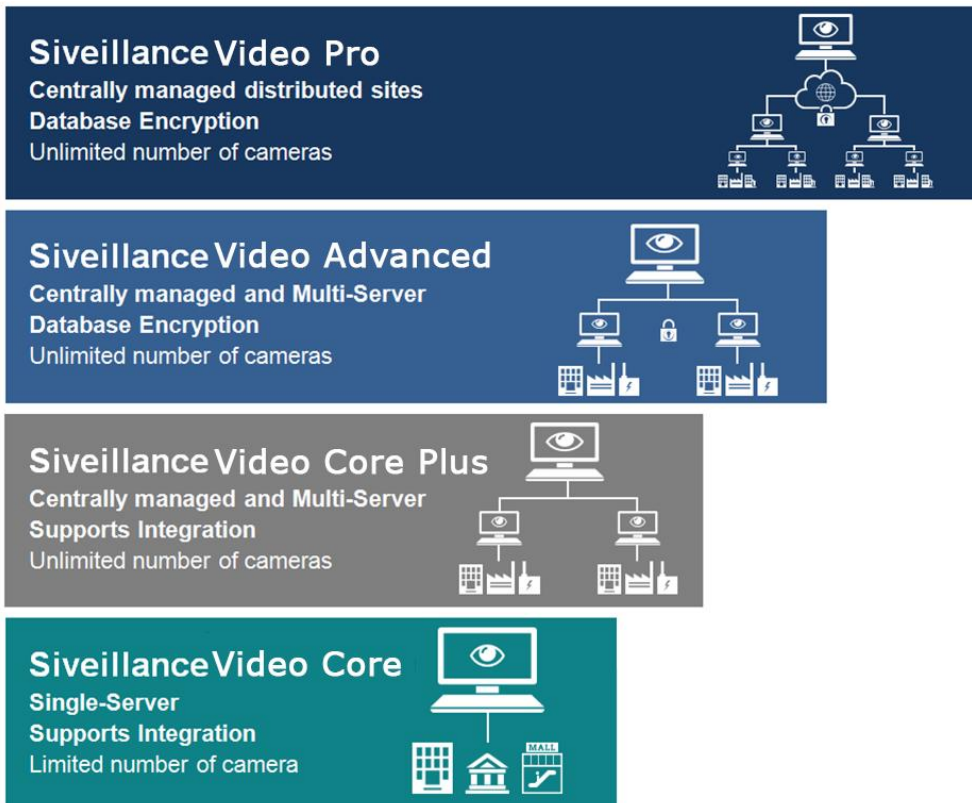
This document is intended to give an overview of the Siveillance Video Management Client and Siveillance Video Client features for the Siveillance Video Core, Core Plus, Advanced & Pro and the prerequisites corresponding to the Siveillance Video family.

The clearly structured and easy-to-use video client and management client allow for efficient and trouble-free operation, with intuitive and rule-based defined workflows creating a transparent user and management structure even in complex system scenarios.

Siveillance Video supports the operational needs of a Video Management System with user-friendly operation. Complex alarm handling and video process scenarios are handled quickly through the intuitive GUI (Siveillance Video Client). The events and alarms can be handled immediately or later because of the workflow flexibility of the Siveillance Video management and user client.

Siveillance Video is targeting projects from small systems up to large and advanced multi-server and/or distributed system site sizes.

It is planned to further increase system features and functions with future market packages that will provide even more advanced features and scalability.





Siveillance Video High-level product comparison

Siveillance Video Features	2020 R1	2020 R1	2020 R1	2020 R1
System components (software modules)	Core	Core Plus	Advanced	Pro
Type of deployment	Single server	Centrally managed and multi-server	Centrally managed and multi-server	Centrally managed and distributed sites
Number of hardware devices ⁽¹⁾ per software license	48	Unlimited	Unlimited	Unlimited
Number of cameras ⁽²⁾ per recording server	48	Unlimited	Unlimited	Unlimited
Number of recording servers per system	1	Unlimited	Unlimited	Unlimited
Maximum numbers of users	Unlimited	Unlimited	Unlimited	Unlimited
Alarm Manager	✓	✓	✓	✓
Video Out Via ONVIF Bridge	✓	✓	✓	✓
Dual authorization (Video Client users)	✓	✓	✓	✓
Supports Siveillance Video - Video Client, Siveillance Web Client and Siveillance Video Mobile	✓	✓	✓	✓
Secure HTTPS camera connectivity (on supported devices)	✓	✓	✓	✓
Standard Map function	✓	✓	✓	✓
3rd party application integration and support for video analytics ⁽²⁾	✓	✓	✓	✓
Built-in Video Motion Detection (VMD) with Auto adjustable VMD sensitivity	✓	✓	✓	✓
H.264, MJPEG, MPEG-4, MPEG-4 ASP & MxPEG	✓	✓	✓	✓
H.265 ⁽⁶⁾	✓	✓	✓	✓
ONVIF Profile T and Q	✓	✓	✓	✓
Alarm notification for video client	✓	✓	✓	✓
Centralized search based on license plate metadata	✓	✓	✓	✓
Microsoft Active Directory support	✓	✓	✓	✓
Kerberos authentication	✓	✓	✓	✓
Metadata support	✓	✓	✓	✓
Centralized management	✓	✓	✓	✓
Flexible event rule engine	✓	✓	✓	✓
Support for live video play without recording storage	✓	✓	✓	✓
Hardware accelerated video decoding in the Mobile Server	✓	✓	✓	✓
Hardware accelerated video decoding for Video Motion Detection (Quick sync)	✓	✓	✓	✓
Trusted root certificate via CA (Management/Recording/Mobile Server communication encryption)	✓	✓	✓	✓
Management Server communication encryption	✓	✓	✓	✓
Recording Server communication encryption	✓	✓	✓	✓
Mobile Server communication encryption	✓	✓	✓	✓
Edge Storage and Scalable Video Quality Recording™	•	✓	✓	✓
Hardware accelerated video decoding for VMD (NVIDIA)	•	•	✓	✓
Smart Map function	•	•	✓	✓
Media database encryption and digital signing	•	•	✓	✓
Hot & cold failover recording server	•	•	✓	✓
Adaptive Streaming	•	•	✓	✓



Siveillance Video High-level product comparison - Continued				
Siveillance Video Features	2020 R1	2020 R1	2020 R1	2020 R1
System components (software modules)	Core	Core Plus	Advanced	Pro
Evidence Lock	•	•	•	✓
Supports Siveillance Video Monitoring Wall	•	•	License Required	License Included
Siveillance Video Federated Architecture	•	•	Remote site	Central/ Remote site
Siveillance Video Interconnect	Remote site	Remote site	Remote site	Central/ Remote site



Siveillance Video Detailed product comparison				
Siveillance Video Features	2020 R1	2020 R1	2020 R1	2020 R1
System components (software modules)	Core	Core Plus	Advanced	Pro
Recording server	✓	✓	✓	✓
Maximum number of hardware devices or cameras per recording server	48	Unlimited	Unlimited	Unlimited
Maximum number of recording servers per system	1	Unlimited	Unlimited	Unlimited
Recording server manager	✓	✓	✓	✓
Management Server	✓	✓	✓	✓
Management Failover Server (redundant cluster)	✓	✓	✓	✓
Management Client (dedicated client application for local or remote management)	✓	✓	✓	✓
Event Server (for handling of events and alarms)	✓	✓	✓	✓
Event Server Failover (redundant cluster)	✓	✓	✓	✓
Siveillance Video Mobile (server and client)	✓	✓	✓	✓
DLNA Server enabled	✓	✓	✓	✓
Siveillance Video Client	✓	✓	✓	✓
Siveillance Video Web Client	✓	✓	✓	✓
Siveillance Video - Video Client - Player (local playback/export)	✓	✓	✓	✓
Run servers as Windows Services	✓	✓	✓	✓
Hot & cold failover recording server	•	•	✓	✓
Distributed operation	Core	Core Plus	Advanced	Pro
Siveillance Video Interconnect	Remote site	Remote site	Remote site	Central/ Remote site
Siveillance Video Federated Architecture	•	•	Remote site	Central/ Remote site
Remote camera connection via Remote Connection Service	•	•	•	✓
Device support	Core	Core Plus	Advanced	Pro
Number of supported IP devices ⁽¹⁾	8000+	8000+	8000+	8000+
Secure HTTPS camera connectivity (on supported devices)	✓	✓	✓	✓
Support for ONVIF™ compliant devices	✓	✓	✓	✓
Support for PSIA compliant devices	✓	✓	✓	✓
Generic device support via Siveillance Video universal driver	✓	✓	✓	✓
Metadata support for Edge based video analytics	✓	✓	✓	✓
Device password management	•	✓	✓	✓
Video processing	Core	Core Plus	Advanced	Pro
Video motion detections per server	All connected cameras			
H.264, MJPEG, MPEG-4, MPEG-4 ASP and MxPEG support	✓	✓	✓	✓
H.265 support ⁽⁶⁾	✓	✓	✓	✓
Metadata support	✓	✓	✓	✓
Dual stream (live and recording) per camera	✓	✓	✓	✓
Client video stream down sampling (resolution and FPS) option	✓	✓	✓	✓
Adjustable GOP size (MPEG4/H.264/H.265)	✓	✓	✓	✓
Send camera pre-alarm images (pre-recording buffer) to recording server	✓	✓	✓	✓



Siveillance Video Detailed product comparison				
Siveillance Video Features	2020 R1	2020 R1	2020 R1	2020 R1
System components (software modules)	Core	Core Plus	Advanced	Pro
Video recording speed up on motion, event or time schedule	✓	✓	✓	✓
Built-in Video Motion Detection (VMD)	✓	✓	✓	✓
Auto adjustable VMD sensitivity	✓	✓	✓	✓
Hardware accelerated video decoding for VMD (Quick Sync)	✓	✓	✓	✓
Motion metadata generated during VMD analysis	✓	✓	✓	✓
VMD exclusion zones	✓	✓	✓	✓
Hardware accelerated video decoding in the Mobile Server	✓	✓	✓	✓
Hardware accelerated video decoding for VMD (NVIDIA)	•	•	✓	✓
Multi-live streaming & Adaptive Streaming	•	•	✓	✓
Audio	Core	Core Plus	Advanced	Pro
Maximum number of supported audio channels	48	Unlimited	Unlimited	Unlimited
One-way audio - live and recording support	✓	✓	✓	✓
Two-way audio - live support	✓	✓	✓	✓
Two-way audio – recording support	✓	✓	✓	✓
Two-way AAC Audio support	✓	✓	✓	✓
Playback of audio files on rule	✓	✓	✓	✓
Audio Broadcasting via Web Client	✓	✓	✓	✓
Pan-tilt-zoom (PTZ)	Core	Core Plus	Advanced	Pro
Preset positions per camera	Unlimited	Unlimited	Unlimited	Unlimited
Number of PTZ priority levels for prioritized PTZ control	1	3	32,000	32,000
Preset patrolling	✓	✓	✓	✓
Combine patrolling and go-to preset on event	✓	✓	✓	✓
Scanning/transition speed	✓	✓	✓	✓
Go-to preset on event	✓	✓	✓	✓
I/O and events	Core	Core Plus	Advanced	Pro
Hardware configurable events (For Example, I/O input, motion, tampering, temperature, communication failure etc.)	✓	✓	✓	✓
Motion detection events (VMD in Siveillance Video Recording Server)	✓	✓	✓	✓
System error events (for example disk full)	✓	✓	✓	✓
Manual / User defined events	✓	✓	✓	✓
Generic events from external systems	✓	✓	✓	✓
Event-based device configuration	✓	✓	✓	✓
Event-based notification	✓	✓	✓	✓
Event-based output control	✓	✓	✓	✓
Event-based device start/stop	✓	✓	✓	✓
Event-based matrix control	✓	✓	✓	✓
Flexible event rule engine for definition of actions on events	✓	✓	✓	✓
Bookmark function	Core	Core Plus	Advanced	Pro
Manual bookmarking (quick bookmarking and bookmarking with details)	•	✓	✓	✓
Rule-based bookmarking	•	•	✓	✓



Siveillance Video Detailed product comparison				
Siveillance Video Features	2020 R1	2020 R1	2020 R1	2020 R1
System components (software modules)	Core	Core Plus	Advanced	Pro
Evidence Lock	Core	Core Plus	Advanced	Pro
Lock video for one or multiple cameras	•	•	•	✓
Retrieve overview of locked video sequences	•	•	•	✓
Define available retention times	•	•	•	✓
Integrations	Core	Core Plus	Advanced	Pro
Plug-in, Protocol, Component integration via MIP SDK	✓	✓	✓	✓
System Configuration via MIP SDK	✓	✓	✓	✓
Metadata integration	✓	✓	✓	✓
Event integration	✓	✓	✓	✓
Event and action rule engine integration via MIP SDK	✓	✓	✓	✓
Alarm Manager	Core	Core Plus	Advanced	Pro
Alarm description with work instructions and optional initial owner of alarm	✓	✓	✓	✓
Time profiles for alarms	✓	✓	✓	✓
View triggered alarms	✓	✓	✓	✓
Manage alarms (reassign, change status, comment)	✓	✓	✓	✓
Push alarms to users of Siveillance Video Mobile	✓	✓	✓	✓
Maximum number of related cameras in alarm preview window	15	15	15	15
Number of alarm priority levels	32,000	32,000	32,000	32,000
Customizable alarm priority levels, categories, statuses and result codes	✓	✓	✓	✓
Customizable sound notification	✓	✓	✓	✓
Alarm handling reporting	✓	✓	✓	✓
Alarm logging	✓	✓	✓	✓
Recording server, storage and archiving	Core	Core Plus	Advanced	Pro
Video retention time	Unlimited	Unlimited	Unlimited	Unlimited
Archiving schedules	Hourly	Hourly	Hourly	Hourly
Recording capacity per device/day	Unlimited	Unlimited	Unlimited	Unlimited
Pre-recording buffer in RAM	✓	✓	✓	✓
Archiving of recordings with network drive support	✓	✓	✓	✓
Online access to archives	✓	✓	✓	✓
Storage definition and retention time per device	✓	✓	✓	✓
Storage definition and retention time that can be applied to individual cameras or common for multiple devices	✓	✓	✓	✓
Storage overview (used vs. available space) of available storage drives	✓	✓	✓	✓
Support for live video play without recording storage	✓	✓	✓	✓
Event on premature deletion of video due to insufficient physical storage	✓	✓	✓	✓
End to End encryption of communication between servers & clients	✓	✓	✓	✓
Edge Storage support with flexible retrieval	•	✓	✓	✓
Scalable Video Quality Storage™	•	✓	✓	✓
Multi-stage video storage and data grooming	•	•	✓	✓



Siveillance Video Detailed product comparison				
Siveillance Video Features	2020 R1	2020 R1	2020 R1	2020 R1
System components (software modules)	Core	Core Plus	Advanced	Pro
Media database encryption and digital signing	•	•	✓	✓
Multicast support	•	•	✓	✓
Evidence Lock	•	•	•	✓
Support for Siveillance Video Add-on products	Core	Core Plus	Advanced	Pro
Siveillance Video Access	License Required	License Required	License Required	License Required
Siveillance Video LPR	License Required	License Required	License Required	License Required
Siveillance Video Monitoring Wall	•	•	License Required	License Included
Siveillance Video Transact	License Required	License Required	License Required	License Required
Siveillance Video Screen Recorder	✓	✓	✓	✓
Siveillance Video ONVIF Bridge	✓	✓	✓	✓
DLNA Server	✓	✓	✓	✓
Management	Core	Core Plus	Advanced	Pro
Maximum number of clients	Unlimited	Unlimited	Unlimited	Unlimited
Configuration wizards for aided system setup	✓	✓	✓	✓
Device scanning with device model detection	✓	✓	✓	✓
Centralized recording server & device management	✓	✓	✓	✓
Device group support	✓	✓	✓	✓
Device replacement wizard	✓	✓	✓	✓
On-the-fly configuration changes	✓	✓	✓	✓
Scheduled start/stop of devices	✓	✓	✓	✓
Configuration reporting	✓	✓	✓	✓
Built-in backup-restore support	✓	✓	✓	✓
Add/replace devices without reactivation in offline systems	✓	✓	✓	✓
Customizable access port with NAT support	✓	✓	✓	✓
Offline license activation	✓	✓	✓	✓
Automatic license activation of online systems	✓	✓	✓	✓
Day length time profile	✓	✓	✓	✓
Move device wizard for moving hardware devices (e.g. cameras) between recording servers	•	✓	✓	✓
User management on devices based on ONVIF Q and T profile	•	✓	✓	✓
Change network configuration on devices based on ONVIF Q and T profile	•	✓	✓	✓
Device password management	•	✓	✓	✓
Management Client profiles	•	•	•	✓
Automatic initial configuration wizard	•	•	•	•
Automatic camera discovery	•	•	•	•
Automatic camera IP address assignment	•	•	•	•
Automatic camera time synchronization	•	•	•	•
System configuration restore points	•	•	•	•
Export and import of configuration data	•	•	•	•



Siveillance Video Detailed product comparison				
Siveillance Video Features	2020 R1	2020 R1	2020 R1	2020 R1
System components (software modules)	Core	Core Plus	Advanced	Pro
Centralized management of Siveillance Video Client application options (Number of supported Siveillance Video - Video Client profiles)	•	3	3	Unlimited
System Monitoring	Core	Core Plus	Advanced	Pro
Customizable dashboard for task or component specific live monitoring	•	•	✓	✓
Customizable event trigger thresholds for Normal, Warning and Critical levels	•	•	✓	✓
Real-time and historical system status of management server, event server, recording servers and other Siveillance Video servers	•	•	✓	✓
Real-time and historical system status of individual cameras	•	•	✓	✓
Dedicated System Monitor tab that can be displayed as floating window	•	•	✓	✓
Siveillance Video Monitor Wall	Core	Core Plus	Advanced	Pro
Supports Siveillance Video Monitor wall add-on	•	•	License Required	License Includes
Number of Siveillance Video Monitor Walls and Siveillance Video Monitor Wall displays	•	•	Unlimited	Unlimited
Number of concurrent video streams	•	•	Unlimited	Unlimited
Maximum number of video streams per display	•	•	100	100
Presets for display layouts and camera content	•	•	✓	✓
Live video stream content	•	•	✓	✓
Siveillance Video - Video Client controlled playback of video	•	•	✓	✓
Support for rich Monitoring wall content, including maps, still images, http pages, alarms, texts, bookmarks, system monitor, etc.	•	•	✓	✓
Rule-based control of layout and content (including text messages)	•	•	✓	✓
System Alarms and Notification	Core	Core Plus	Advanced	Pro
Email notification	✓	✓	✓	✓
Multiple notification profiles	✓	✓	✓	✓
SNMP trap	•	•	✓	✓
User authentication and rights management	Core	Core Plus	Advanced	Pro
Centralized user management	✓	✓	✓	✓
Restrict user access by client type (Web, Mobile and Video Client)	✓	✓	✓	✓
Basic User (VMS application accounts)	✓	✓	✓	✓
Windows User (local Windows accounts)	✓	✓	✓	✓
Microsoft Active Directory User (central Active Directory accounts)	✓	✓	✓	✓
Dual Authorization - Video Client Users	✓	✓	✓	✓
Dual Authorization - Management Client	✓	✓	✓	✓
Windows NTLM (NT LAN Manager) authentication	✓	✓	✓	✓
Kerberos authentication	✓	✓	✓	✓
Inheritance of user rights	•	•	•	✓
Tiered management rights	•	•	•	✓
Time schedule-controlled user access to devices and functions	•	•	•	✓
Two-step verification (Web and Mobile Client users)	•	•	•	✓



Siveillance Video Detailed product comparison				
Siveillance Video Features	2020 R1	2020 R1	2020 R1	2020 R1
System components (software modules)	Core	Core Plus	Advanced	Pro
Logging	Core	Core Plus	Advanced	Pro
System and Audit logging	✓	✓	✓	✓
Rule logging	✓	✓	✓	✓
Event logging	✓ ⁽⁴⁾	✓ ⁽⁴⁾	✓ ⁽⁴⁾	✓ ⁽⁴⁾
Languages (Management Interface)	Core	Core Plus	Advanced	Pro
Chinese (Simplified)	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾
Chinese (Traditional)	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾
Danish	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾
English	✓	✓	✓	✓
French	✓	✓	✓	✓
German	✓	✓	✓	✓
Italian	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾
Japanese	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾
Korean	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾
Portuguese (Brazilian)	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾
Russian	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾
Spanish	✓	✓	✓	✓
Swedish	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾
Turkish	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✓ ⁽⁵⁾
License	Core	Core Plus	Advanced	Pro
Standard Installation - Base License applicability for multiple location within same legal entity.	No	Yes	Yes	Yes
Federated Installation ⁽⁷⁾ - Base License applicability for Multiple locations within same legal entity.	No	No	Yes	Yes
Interconnect Installation ⁽⁸⁾ - Base License applicability for Multiple location within same legal entity.	No	Yes	Yes	Yes
Reuse of base license within same legal entity	No	Yes	Yes	Yes

**Note:**

1. Supported via dedicated device integration. The figure does not include different device variations in vendor's device series and non-listed OEM devices, or devices that are supported via ONVIF and PSIA drivers and Siveillance Video universal driver. Information is based on the support in Device Pack.
2. Please check with Technical Support first concerning which analytics are supported / Using Siveillance Video MIP SDK
3. Client application are under normal circumstances backwards compatible with the two earlier major versions of the Siveillance Video products. Within this version, the service channel is omitted, so a backward compatibility is currently available. not guaranteed!
4. It is possible to create a rule log entry for events that shall be logged
5. Installation and user interface localized. Help system and manuals in English only
6. By supported models in the device pack
7. Only Siveillance Video Pro can function as central station in a federated environment
8. Siveillance Video Core, Core Plus, Advanced & Pro can be mapped as a Slave/Child node to Siveillance Video Pro. Siveillance Video Pro should always be a Master/Parent node in an Interconnect installation



Siveillance Video High-level client comparison			
Siveillance Video Client Features	2020 R1	2020 R1	2020 R1
Key features	Mobile Client	Web Client	Video Client
User platform	Smartphone and tablets	Web browsers	Windows PC
User mobility	High	Medium	Low
Playback	Single Camera	Multi Camera	Multi Camera
Trigger I/O events	✓	✓	✓
Alarm handling	✓	✓	✓
User authentication	✓	✓	✓
Camera search	✓	✓	✓
View live video	✓	✓	✓
Control PTZ cameras	✓	✓	✓
Export/share video from one camera	✓	✓	✓
Two-step verification	✓	✓	•
Secure (HTTPS) client-server connection	✓	✓	•
Dynamic bandwidth adaptation	✓	✓	•
Video Push with audio support	✓	•	•
Manage access control	✓	•	✓
Installation required	✓	•	✓
Export video from multiple cameras	•	✓	✓
Dual authorization	•	•	✓
Advanced PTZ camera control	•	•	✓
Interactive maps	•	•	✓
Smart Maps	•	•	✓
Advanced video search (Smart Search)	•	•	✓
Evidence Lock	•	•	✓
Storyboard function in export	•	•	✓
Dedicated Search tab (Centralized Search)	•	•	✓
Include Siveillance Video Client – Player in export	•	•	✓
Hardware accelerated video decoding (Intel Quick Sync video)	•	•	✓
Mobile access control support (ACM Plug-ins)	✓	•	•



Siveillance Video Detailed client comparison													
Siveillance Video Client Features	2020 R1				2020 R1				2020 R1				
	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	
General View Handling	Mobile Client				Web Client				Video Client				
Number of view layouts	2				2				41				
Maximum view Items per view	100				100				100				
Support for Shared Views and Private Views	✓				✓				✓				
Camera search	✓				✓				✓				
Automatic restore views and windows at login	✓				✓				✓				
Initial default view	✓ (1)				✓ (1)				✓ (1)				
Full screen mode	✓				✓				✓				
Optimized view layouts for 4:3 and 16:9 display ratios	•				•				✓				
Corridor optimized view layouts	•				•				✓				
Cameras from multiple Siveillance Video servers	•	✓			•	✓			•	✓			
Optimized view layouts for landscape and portrait displays	✓				•				✓				
Siveillance Video Monitoring Wall views	•				•				•			✓	
Images and active HTML pages in views	•				•				✓				
Hotspot and Carousel in views	•				•				✓				
Virtual Matrix in views	•				•				✓				
Display bounding boxes based on metadata	•				•				✓				
Multi-window functionality with support for full screen or floating windows with synchronized or independent operation	•				•				✓				
Switch to view by number	•				•				✓				
Camera Navigator	•				•				✓				
Live View	Mobile Client				Web Client				Video Client				
One-way audio support	✓				✓				✓				
Two-way audio support	✓				✓				✓				
Broadcasting audio	•				✓				✓				
Update on motion only	•				•				✓				
Two-way AAC Audio support	•				•				✓				
Start/stop recording in view	•				•				✓				
Independent playback in live mode	•				•				✓				
Replace cameras in view without changing view setup	•				•				✓				
Send camera to Virtual Matrix	•				•				✓				
Share video image	Via locally installed communication applications (email)				•				Print, copy to clipboard and save to file				
Switch to camera by number	•				•				✓				



Siveillance Video Detailed client comparison												
Siveillance Video Client Features	2020 R1				2020 R1				2020 R1			
	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
PTZ Support	Mobile Client				Web Client				Video Client			
Go to preset positions		✓				✓				✓		
Pause patrolling at manual operation		✓				✓				✓		
Define presets in the client application		•				•				✓		
Define and control patrolling schemes in the client application		•				•			•		✓	
View who have PTZ control and time to automatic release		•				•				✓		
Lock PTZ control		•				•			•		✓	
Immervision Enables® Panomorph lens support		•				•				✓		
Joystick support		•				•				✓		
Assign commands to keyboard shortcuts and joystick buttons		•				•				✓		
Auxiliary commands (wash and wipe)		•				•				✓		
I/O and events control	Mobile Client				Web Client				Video Client			
Manually activate events and trigger outputs		✓				✓				✓		
Camera overlay buttons		•				•				✓		
Audio & Playback	Mobile Client				Web Client				Video Client			
Maximum view items per view	1				Dynamic, 4-18 depending on screen resolution				100			
Playback Mode	Single Camera				Multi Camera				Multi Camera			
Share video image	Via locally installed communication applications (such as email)				Single JPG image export				Print, copy to clipboard and save to file			
Recording search		✓				✓				✓		
Privacy masking		✓				✓				✓		
Digital zoom		✓				✓				✓		
Time/date search		✓				✓				✓		
Adjust playback speed		✓				✓				✓		
Single frame step (forward/backward)		✓				✓				✓		
Graphical timeline		•				✓				✓		
Broadcasting audio		•				✓				✓		
Recent history of recording sequences per camera		✓				•				✓		
Independent playback in playback mode		•				•				✓		
Event/alert list in recording		•				•				✓		
One-way audio support		•				•				✓		
Two-way audio support		•				•				✓		
Two-way AAC support		•				•				✓		



Siveillance Video Detailed client comparison												
Siveillance Video Client Features	2020 R1				2020 R1				2020 R1			
	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Feature set when used with specific Siveillance Video Platform												
Print report with comments		•				•						✓
Search	Mobile Client				Web Client				Video Client			
Smart Search based on VMD analysis		•				•						✓
Smart Search based on VMD metadata		•				•						✓
Centralized search	Mobile Client				Web Client				Video Client			
Dedicated Search tab		•				•						✓
Search on sequences and time intervals		•				•						✓
Motion search		•				•						✓
Search on bookmarks		•				•			•			✓
Save search templates		•				•			•			✓
Alarm search		•				•			•			✓
Event search		•				•			•			✓
3 rd party search support		•				•			•			✓
Siveillance Video LPR search		•				•			•			✓
Bookmark function	Mobile Client				Web Client				Video Client			
Manual bookmarking (quick bookmarking and bookmarking with details)		•				•			•			✓
Instant preview of bookmarks in timeline		•				•			•			✓
Listing and previewing of bookmarks in recording search		•				•			•			✓
Print bookmark report		•				•			•			✓
Smart Search based on VMD analysis		•				•			•			✓
Alarm Manager	Mobile Client				Web Client				Video Client			
Alarm description/work instructions		✓				✓						✓
Manage alarms (reassign & change status)		✓				✓						✓
Manage alarms (comment)		✓				•						✓
Sort and filtering functions		✓				•						✓
Dedicated Alarm Manager tab that can be displayed as floating window		•				•						✓
Alarm list and alarm preview view items in normal camera views		•				•						✓
Desktop notification for alarms		•				•						✓
Instant preview of primary and related cameras		•				•						✓
Integration with map function		•				•						✓
Escalation and forwarding handling		•				•						✓
Alarm handing reports with print function		•				•						✓
Alarm location maps in alarm list		•				•						✓
Combined access to live and playback video		•				•						✓



Siveillance Video Detailed client comparison												
Siveillance Video Client Features	2020 R1				2020 R1				2020 R1			
	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Audio notification at new alarm (configurable per priority level)		•				•					✓	
Standard Map function	Mobile Client				Web Client				Video Client			
Number of linked map layers supported		•				•					Unlimited	
Standard graphical file formats supported for maps		•				•					✓	
Video preview		•				•					✓	
Integrated control of speakers, microphones and I/O devices		•				•					✓	
Drag-and-drop and point-and-click definition of map elements		•				•					✓	
Integrated PTZ control		•				•					✓	
Real-time system integrity overview and system performance		•				•					✓	
Smart Map function	Mobile Client				Web Client				Video Client			
CAD and GIS maps supported		•				•			•	✓	✓	
Online map services supported: Bing, Google and Open Street Map		•				•			•	✓	✓	
Offline map services supported for OpenStreetMap		•				•			•	✓	✓	
Video preview		•				•			•	✓	✓	
Support for Federated Architecture		•				•			•	✓	✓	
Auto-place devices on map via positioning and direction settings		•				•			•	✓	✓	
Link to standard maps		•				•			•	✓	✓	
Building support		•				•			•	✓	✓	
Siveillance Video Monitor Wall Support	Mobile Client				Web Client				Video Client			
Supports Siveillance Video Monitoring Wall add-on		•				•			•	Optional	Included	
User control of layout and content		•				•			•	✓	✓	
User control playback of video in Siveillance Video monitoring Wall		•				•			•	✓	✓	
Local subscription to Siveillance Video Monitoring Wall views for local display		•				•			•	✓	✓	
Push rich content to Siveillance Video Monitoring Wall, such as maps, still images, http pages, alarms, bookmarks, system monitor, etc.		•				•			•	✓	✓	
Send manual text messages to Siveillance Video Monitoring Wall		•				•			•	✓	✓	
Evidence Lock	Mobile Client				Web Client				Video Client			
Lock video for one or multiple cameras		•				•			•		✓	
Retrieve overview of locked video sequences		•				•			•		✓	



Siveillance Video Detailed client comparison												
Siveillance Video Client Features	2020 R1				2020 R1				2020 R1			
	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Export	Mobile Client				Web Client				Video Client			
Export in still Image Format (JPEG)		✓				✓				✓		
Export with audio support in media player format (AVI & MKV)		✓				✓				✓		
Preserve system defined privacy masks		✓				✓				✓		
Export in Siveillance Video format		•				✓				✓		
Server-side export		✓				✓				•		
Storyboard function in export		•				•				✓		
Encrypted export with password protection and digital signing ⁽²⁾		•				•				✓		
Verification of digital video signatures in Siveillance Video - Video Client - Player ⁽²⁾		•				•				✓		
Re-export prevention ⁽²⁾		•				•				✓		
Auto-export of Siveillance Video - Video Client Player ⁽²⁾		•				•				✓		
Additional export specific privacy masks		•				•				✓		
Direct export to optical media		•				•				✓		
Flexible camera selection for export		•				•				✓		
Bulk export to multiple media formats		•				•				✓		
General and camera specific export comments ⁽²⁾		•				•				✓		
Lift-able user-right protected privacy masks		•				•				✓		
Pre/post comment slides (media player format only)		•				•				✓		
Video Push	Mobile Client				Web Client				Video Client			
Video Push		✓				•				•		
Include location metadata with Video Push		✓				•				•		
Audio Support		✓				•				•		
System Monitoring	Mobile Client				Web Client				Video Client			
Access real-time and historical system performance information of Management Server		•				•				•	✓	
Access real-time and historical system performance information of Recording Server		•				•				•	✓	
Access real-time and historical system performance information of other Siveillance Video servers		•				•				•	✓	
Access real-time and historical system performance information of individual cameras		•				•				•	✓	
Installation	Mobile Client				Web Client				Video Client			
Notify about new updates		✓				•				•		
Smart Connect (Automatic Server Setup)		•				•				•		
Run without installation		•				✓				•		
Optional browser plug-ins for enhance viewing performance		•				✓				•		



Siveillance Video Detailed client comparison												
Siveillance Video Client Features	2020 R1				2020 R1				2020 R1			
	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Feature set when used with specific Siveillance Video Platform												
Single step installer (installs client together with server)		•				•				✓		
Initial and update installations from Management Server		•				•				✓		
System access	Mobile Client				Web Client				Video Client			
Auto-login		✓				•				✓		
Dual authorization		•				•				✓		
Two-step verification	•	•	•	✓	•	•	•	✓		•		
Secure (HTTPS) client-server connection		✓				✓				•		
Dynamic bandwidth adaptation with threshold setting		✓				✓				•		
Authorization	Mobile Client				Web Client				Video Client			
Restrict user access by client type (Web Siveillance Video Mobile and Siveillance Video Client)		✓				✓				✓		
Restrict user access by devices (cameras, microphones, I/O devices, etc.)		✓				✓				✓		
Restrict access to live view		✓				✓				✓		
Restrict access to PTZ		✓				✓				✓		
Restrict access to playback		✓				✓				✓		
Restrict access to export		✓				✓				✓		
Restrict access to setup		•				•				✓		
Time schedule-controlled user access to devices and functions		•		✓		•		✓		•		✓
Personalization	Mobile Client				Web Client				Video Client			
Task oriented tabs		•				✓				✓		
Application options		✓				•				✓		
Centralized management of application options		•				•			•		✓	
Application theme support		•				•				✓		
Toggle between Advanced mode and Simplified mode		•				•				✓		
System	Mobile Client				Web Client				Video Client			
Hardware accelerated video decoding using NVIDIA GPU		•				•				✓		
Hardware accelerated video decoding (Intel Quick Sync video)		•				•				✓		
Adaptive streaming		•				•			•			✓



Siveillance Video Detailed client comparison			
Siveillance Video Clients	2020 R1	2020 R1	2020 R1
Languages (Installation, UI and help function)	Mobile Client	Web Client	Video Client
Arabic	✓(3)	✓(3)	✓(4)
Bulgarian	✓(3)	✓(3)	✓(4)
Croatian	✓(3)	✓(3)	✓(4)
Chinese(Simplified)	✓(3)	✓(3)	✓(4)
Chinese(Traditional)	✓(3)	✓(3)	✓(4)
Czech	✓(3)	✓(3)	✓(4)
Danish	✓(3)	✓(3)	✓(4)
Dutch	✓(3)	✓(3)	✓(4)
English	✓	✓	✓
Farsi	✓(3)	✓(3)	✓(4)
Finnish	✓(3)	✓(3)	✓(4)
French	✓(3)	✓(3)	✓
German	✓(3)	✓(3)	✓
Hebrew	✓(3)	✓(3)	✓(4)
Hindi	✓(3)	✓(3)	✓(4)
Hungarian	✓(3)	✓(3)	✓(4)
Icelandic	✓(3)	✓(3)	✓(4)
Italian	✓(3)	✓(3)	✓(4)
Japanese	✓(3)	✓(3)	✓(4)
Korean	✓(3)	✓(3)	✓(4)
Norwegian(Bokmål)	✓(3)	✓(3)	✓(4)
Polish	✓(3)	✓(3)	✓(4)
Portuguese(Brazilian)	✓(3)	✓(3)	✓(4)
Russian	✓(3)	✓(3)	✓(4)
Serbian	✓(3)	✓(3)	✓(4)
Slovak	✓(3)	✓(3)	✓(4)
Spanish	✓(3)	✓(3)	✓
Swedish	✓(3)	✓(3)	✓(4)
Thai	✓(3)	✓(3)	✓(4)
Turkish	✓(3)	✓(3)	✓(4)

Notes:

1. Initial views created when using the “single computer” installation option
2. Feature only applicable to exports in Siveillance Video format
3. Siemens mobile server localized to same languages as the management interface and documentation is only available in English
4. Only the user interface is localized; user's manual and online help is not localized



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