



COMPARISON GUIDE

Siveillance™ Video Core

Siveillance™ Video Core Plus

Siveillance™ Video Advanced

Siveillance™ Video Pro

2022 R1 | April 2022

**SIEMENS**

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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.

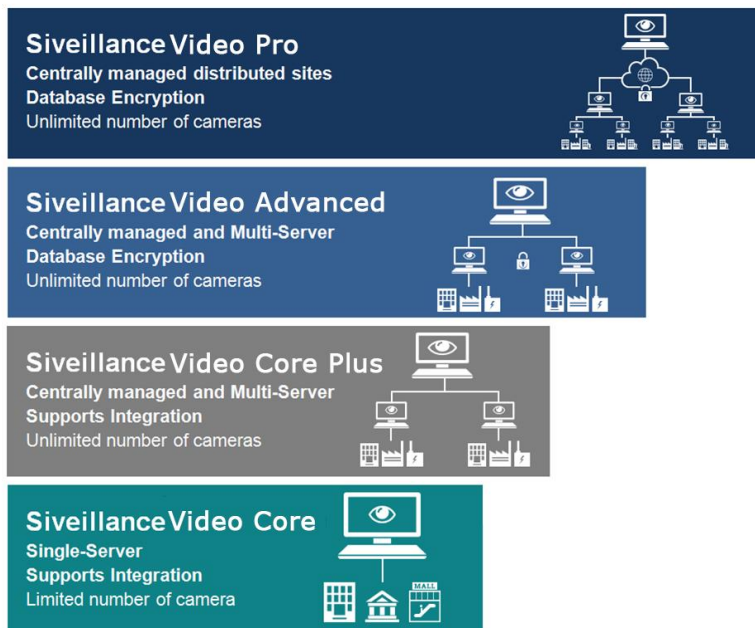
This document is intended to give an overview of the Siveillance Video Management Client and Siveillance Video Client features for the Siveillance Video Core, Core Plus, Advanced & Pro and the prerequisites corresponding to the Siveillance Video family.

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	2022 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 <sup>(1)</sup> per software license	48	Unlimited	Unlimited	Unlimited
Number of cameras <sup>(2)</sup> 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 Open Network Bridge (earlier known as 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)	✓	✓	✓	✓
Adding devices on HTTPS	✓	✓	✓	✓
Device firmware upgrade of single devices	✓	✓	✓	✓
Device firmware upgrade of multiple devices in bulk - Only for Axis, Bosch, Hanwha and ONVIF drivers ( <i>Drivers in Legacy Device Pack excluded</i> )	•	•	✓	✓
Standard Map function	✓	✓	✓	✓
3 <sup>rd</sup> party application integration and support for video analytics <sup>(2)</sup>	✓	✓	✓	✓
Built-in Video Motion Detection (VMD) with Auto adjustable VMD sensitivity	✓	✓	✓	✓
H.264, MJPEG, MPEG-4, MPEG-4 ASP & MxPEG	✓	✓	✓	✓
H.265 <sup>(6)</sup>	✓	✓	✓	✓
<b>Adaptive Streaming</b>	✓	✓	✓	✓
<b>Direct Streaming (mobile server)</b>	✓	✓	✓	✓
Microsoft Active Directory support	✓	✓	✓	✓

## Siveillance Video High-Level Product Comparison – Continued

Siveillance Video Features	2022 R1			
	Core	Core Plus	Advanced	Pro
System Components (Software Modules)				
Kerberos authentication	✓	✓	✓	✓
Metadata support	✓	✓	✓	✓
Centralized management	✓	✓	✓	✓
Flexible event rule engine	✓	✓	✓	✓
Hardware accelerated video decoding for Video Motion Detection (Quick sync)	✓	✓	✓	✓
Hardware accelerated video decoding for Video Motion Detection (NVIDIA)	•	•	✓	✓
Hardware accelerated video decoding in the Mobile Server	✓	✓	✓	✓
Support for live video play without recording storage	✓	✓	✓	✓
Edge Storage and Scalable Video Quality Recording	•	✓	✓	✓
Media database encryption and digital signing	•	•	✓	✓
Management Server communication encryption	✓	✓	✓	✓
Recording Server communication encryption	✓	✓	✓	✓
Mobile Server communication encryption	✓	✓	✓	✓
Hot & cold failover recording server	•	•	✓	✓
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		2022 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	•	•	✓	✓	
<b>Distributed Operation</b>	<b>Core</b>	<b>Core Plus</b>	<b>Advanced</b>	<b>Pro</b>	
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	•	•	•	✓	
<b>Device Support</b>	<b>Core</b>	<b>Core Plus</b>	<b>Advanced</b>	<b>Pro</b>	
Number of supported IP devices <sup>(1)</sup>	11000+	11000+	11000+	11000+	

## Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R1			
System Components (Software Modules)	Core	Core Plus	Advanced	Pro
Adding devices on HTTPS	✓	✓	✓	✓
Secure HTTPS camera connectivity (on supported devices)	✓	✓	✓	✓
Support for ONVIF™ compliant devices	✓	✓	✓	✓
Device firmware version listing	✓	✓	✓	✓
Update hardware – refresh option	✓	✓	✓	✓
Support for PSIA compliant devices	✓	✓	✓	✓
Generic device support via Siveillance Video universal driver	✓	✓	✓	✓
Metadata from camera embedded analytics	✓	✓	✓	✓
Single device firmware upgrade	✓	✓	✓	✓
Bulk device firmware upgrade	•	•	✓	✓
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 <sup>(6)</sup>	✓	✓	✓	✓
Metadata support	✓	✓	✓	✓
Dual stream (live and recording) per camera	✓	✓	✓	✓
Generic 360 dewarping	✓	✓	✓	✓
Multi-live Streaming	✓	✓	✓	✓
Adaptive Streaming	✓	✓	✓	✓
Direct Streaming (mobile server)	✓	✓	✓	✓
Client video stream down sampling (resolution and FPS) option	✓	✓	✓	✓
Adjustable GOP size (MPEG4/H.264/H.265)	✓	✓	✓	✓

## Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features		2022 R1			
System Components (Software Modules)	Core	Core Plus	Advanced	Pro	
Video recording speed up on motion, event or time schedule	✓	✓	✓	✓	
Send camera pre-alarm images (pre-recording buffer) to recording server	✓	✓	✓	✓	
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)	•	•	✓	✓	
Video motion detections per server	All connected cameras				
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	✓	✓	✓	✓	
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	✓	✓	✓	✓	



## Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R1			
System Components (Software Modules)	Core	Core Plus	Advanced	Pro
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	•	•	✓	✓
Evidence Lock	Core	Core Plus	Advanced	Pro
Lock video for one or multiple cameras	•	•	•	✓
Retrieve overview of locked video sequences	•	•	•	✓
Define available retention times	•	•	•	✓

## Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R1			
Integrations	Core	Core Plus	Advanced	Pro
Plug-in, Protocol, Component integration via MIP SDK	✓	✓	✓	✓
System Configuration via MIP SDK	✓	✓	✓	✓
Device integration through Driver Framework	✓	✓	✓	✓
Metadata integration	✓	✓	✓	✓
Event integration	✓	✓	✓	✓
AI Bridge	✗	✗	✓	✓
Event and action rule engine integration via MIP SDK	✓	✓	✓	✓
Video processing service in 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)	✓	✓	✓	✓
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

## Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R1			
	Core	Core Plus	Advanced	Pro
<b>System Components (Software Modules)</b>				
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 Recording™	•	✓	✓	✓
Multi-stage video storage and data grooming	•	•	✓	✓
Media database encryption and digital signing	•	•	✓	✓
Encryption of communication with connected servers/clients/integrations	✓	✓	✓	✓
Multicast support	•	•	✓	✓
Evidence Lock	•	•	•	✓
<b>Support for Siveillance Video Add-on products</b>				
Siveillance Video Access	License Required	License Required	License Required	License Required
Siveillance Video LPR	License Required	License Required	License Required	License Required

## Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features		2022 R1			
System Components (Software Modules)	Core	Core Plus	Advanced	Pro	
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 Open Network Bridge	✓	✓	✓	✓	
DLNA Server	✓	✓	✓	✓	
Management	Core	Core Plus	Advanced	Pro	
Maximum number of clients	Unlimited	Unlimited	Unlimited	Unlimited	
Password Protected system configuration	✓	✓	✓	✓	
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	✓	✓	✓	✓	

## Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R1			
	Core	Core Plus	Advanced	Pro
<b>System Components (Software Modules)</b>				
Move device wizard for moving hardware devices (e.g., cameras) between recording servers	•	✓	✓	✓
Device password management	•	✓	✓	✓
Initial setup of credentials on devices	✓	✓	✓	✓
Current device user handling	•	✓	✓	✓
Network configuration for devices	•	✓	✓	✓
Management Client profiles	•	•	•	✓
Centralized management of Siveillance Video Client application options (Number of supported Siveillance Video – Video Client profiles)	•	3	12	Unlimited
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	•	•	✓	✓
<b>Siveillance Video Monitoring Wall</b>	<b>Core</b>	<b>Core Plus</b>	<b>Advanced</b>	<b>Pro</b>
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 Detailed Product Comparison – Continued

Siveillance Video Features		2022 R1			
System Components (Software Modules)	Core	Core Plus	Advanced	Pro	
Support for rich Monitoring wall content, including maps, still images, http pages, alarms, texts, bookmarks, system monitor, etc.	•	•	✓	✓	
Siveillance Video – Video Client controlled playback of video	•	•	✓	✓	
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 – Continued

Siveillance Video Features	2022 R1			
System Components (Software Modules)	Core	Core Plus	Advanced	Pro
<b>Logging</b>	<b>Core</b>	<b>Core Plus</b>	<b>Advanced</b>	<b>Pro</b>
System and Audit logging	✓	✓	✓	✓
External identify provider support (OIDC) SSO	✓	✓	✓	✓
Rule logging	✓	✓	✓	✓
<b>Languages (Management Interface)</b>	<b>Core</b>	<b>Core Plus</b>	<b>Advanced</b>	<b>Pro</b>
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)

## Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R1			
	Core	Core Plus	Advanced	Pro
<b>Standard Installation</b> – Base License applicability for multiple location within same legal entity.	No	Yes	Yes	Yes
<b>Federated Installation</b> <sup>(7)</sup> – Base License applicability for Multiple locations within same legal entity.	No	No	Yes	Yes
<b>Interconnect Installation</b> <sup>(8)</sup> – 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	2022 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	✓	✓	✓
Generic 360 dewarping	•	•	✓
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	•	•	✓
PTZ specific camera icons	•	•	✓
Interactive maps	•	•	✓
Smart Maps	•	•	✓
Advanced video search (Smart Search)	•	•	✓

## Siveillance Video High-level Client Comparison – Continued

Siveillance Video Client Features	2022 R1		
Key Features	Mobile Client	Web Client	Video Client
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)	✓	•	•
Cameras and view groups	✓	✓	✓

Siveillance Video Detailed Client Comparison												
Siveillance Video Client Features	2022 R1											
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
	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	•				•				✓			

## Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R1											
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
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		•				•				✓		
<b>Live View</b>	<b>Mobile Client</b>			<b>Web Client</b>			<b>Video Client</b>					
One-way audio support		✓				✓				✓		
Two-way audio support		✓				✓				✓		
Broadcasting audio		•				✓				✓		
Update on motion only		•				•				✓		
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 – Continued													
Siveillance Video Client Features	2022 R1												
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			

Siveillance Video Detailed Client Comparison – Continued													
Siveillance Video Client Features	2022 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													
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		•				•				✓			
Print report with comments		•				•				✓			
One-way audio support		✓				✓				✓			
Two-way audio support		✓				✓				✓			
<b>Centralized Search</b>					<b>Mobile Client</b>			<b>Web Client</b>				<b>Video Client</b>	
Dedicated Search tab		•				•				✓			
Search on sequences and time intervals		•				•				✓			
Motion search		•				•				✓			
Search on bookmarks	•		✓		•		✓		•		✓		
Save search templates		•				•			•			✓	
Alarm search		•				•			•			✓	
Event search		•				•			•			✓	

Siveillance Video Detailed Client Comparison – Continued													
Siveillance Video Client Features	2022 R1												
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	
People search		•				•			•			✓	
Vehicle search		•				•			•			✓	
Location search		•				•			•			✓	
Visualize location of search result		•				•			•			✓	
Multi-category Search and sort results by relevance		•				•			•			✓	
3 <sup>rd</sup> party search support		•				•			•			✓	
Siveillance Video LPR search		•				•			•			✓	
Bookmark Function	Mobile Client			Web Client			Video Client						
Manual bookmarking (quick bookmarking and bookmarking with details)	•	✓		•	✓		•	✓				✓	
Search and apply filters to bookmarks	•	✓		•	✓		•	✓				✓	
Create, edit, and delete bookmarks	•	✓		•	✓		•	✓				✓	
Instant preview of bookmarks in timeline		•			•			•				✓	
Listing and previewing of bookmarks in recording search		•			•			•				✓	
Print bookmark report		•			•			•				✓	
Direct Video export of bookmark		•			•			•				✓	
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		•			•			•				✓	

Siveillance Video Detailed Client Comparison – Continued													
Siveillance Video Client Features	2022 R1												
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	
<b>Alarm Manager</b>	<b>Mobile Client</b>				<b>Web Client</b>				<b>Video Client</b>				
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		•					•					✓	
Audio notification at new alarm (configurable per priority level)		•					•					✓	
<b>Standard Map Function</b>	<b>Mobile Client</b>				<b>Web Client</b>				<b>Video Client</b>				
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		•					•					✓	
<b>Smart Map Function</b>	<b>Mobile Client</b>				<b>Web Client</b>				<b>Video Client</b>				
CAD and GIS maps supported		•					•			•		✓	
Online map services supported: Bing, Google and Open Street Map		•					•			•		✓	

Siveillance Video Detailed Client Comparison – Continued													
Siveillance Video Client Features	2022 R1												
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	
	Device Clustering		•				•			•			✓
Offline map services supported for OpenStreetMap		•				•			•			✓	
Icons for Alarms, Input devices and Microphones		•				•			•			✓	
Video preview		•				•			•			✓	
Support for Federated Architecture		•				•			•			✓	
Auto-place devices on map via positioning and direction settings		•				•			•			✓	
Link to standard maps		•				•			•			✓	
Building support		•				•			•			✓	
<b>Siveillance Video Monitoring Wall Support</b>	<b>Mobile Client</b>			<b>Web Client</b>				<b>Video Client</b>					
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		•				•			•		✓	✓	
<b>Siveillance Video Monitoring Wall Support</b>	<b>Mobile Client</b>			<b>Web Client</b>				<b>Video Client</b>					
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		•				•			•		✓	✓	
<b>Evidence Lock</b>	<b>Mobile Client</b>			<b>Web Client</b>				<b>Video Client</b>					
Lock video for one or multiple cameras		•				•			•			✓	



Siveillance Video Detailed Client Comparison – Continued													
Siveillance Video Client Features	2022 R1												
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	
<b>Evidence Lock</b>	Mobile Client			Web Client				Video Client					
Retrieve overview of locked video sequences		•				•				•			✓
<b>Export</b>	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 <sup>(2)</sup>		•				•				✓			
Verification of digital video signatures in Siveillance Video - Video Client - Player <sup>(2)</sup>		•				•				✓			
Re-export prevention <sup>(2)</sup>		•				Always on				✓			
Auto-export of Siveillance Video - Video Client Player <sup>(2)</sup>		•				•				✓			
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 <sup>(2)</sup>		•				•				✓			
Lift-able user-right protected privacy masks		•				•				✓			
Pre/post comment slides (media player format only)		•				•				✓			

## Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R1													
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro		
<b>Video Push</b>	Mobile Client			Web Client				Video Client						
Video Push		✓											•	
Include location metadata with Video Push		✓											•	
Audio Support		✓											•	
<b>System Monitoring</b>	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			•										•	✓
<b>System Monitoring</b>	Mobile Client			Web Client				Video Client						
Access real-time and historical system performance information of other Siveillance Video servers			•										•	✓
Access real-time and historical system performance information of individual cameras			•										•	✓
<b>Installation</b>	Mobile Client			Web Client				Video Client						
Notify about new updates		✓											•	
Smart Connect (Automatic Server Setup)			•										•	
Run without installation			•					✓					•	
Single step installer (installs client together with server)			•										•	✓
Initial and update installations from Management Server			•										•	✓
<b>System Access</b>	Mobile Client			Web Client				Video Client						
Auto-login		✓											•	✓
Dual authorization			•										•	✓

## Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R1											
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
System Access	Mobile Client				Web Client				Video Client			
Two-step verification	•	•	•	✓	•	•	•	✓	•	•	•	•
Secure (HTTPS) client-server connection		✓				✓				•		
Dynamic bandwidth adaptation with threshold setting		✓				✓				•		
External identity provider support (OIDC) SSO		•				•				✓		
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		•				•				✓		

## Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R1											
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
System	Mobile Client				Web Client				Video Client			
Hardware accelerated video decoding using NVIDIA GPU			•				•					✓
Hardware accelerated video decoding (Intel Quick Sync video)			•				•					✓
Adaptive streaming		✓				✓				✓		
Direct streaming		✓				✓					•	
Multi-live streaming			•				•					✓

## Siveillance Video Detailed Client Comparison

Siveillance Video Clients	2022 R1		
	Mobile Client	Web Client	Video Client
Languages (Installation, UI and help function)			
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)

## Siveillance Video Detailed Client Comparison

Siveillance Video Clients	2022 R1		
	Languages (Installation, UI and help function)	Mobile Client	Web Client
Slovak	✓(3)	✓(3)	✓(4)
Spanish	✓(3)	✓(3)	✓
Swedish	✓(3)	✓(3)	✓(4)
Thai	✓(3)	✓(3)	✓(4)
Turkish	✓(3)	✓(3)	✓(4)
Ukrainian	✓(3)	✓(3)	✓(4)

### Notes:

1. Initial views created when using the “single computer” installation option
2. Limited to certain camera models that can perform video analytics and export ONVIF compliant metadata
3. Feature only applicable to exports in Siveillance Video format
4. Siemens mobile server localized to same languages as the management interface and documentation is only available in English
5. Only the user interface is localized; user's manual and online help is not localized

# Downloads & Documentation

The Siveillance Video software, release notes, sales documents and technical manuals are all available for download from below URLs.

## Documents & Manuals

[Siveillance Video Intranet](#)

## Software Installer

[SIOS Portal](#)

# Support & Contacts

## Technical Support

mySupport: [Service Request](#)

Intranet: [Siveillance Video Intranet](#)

Internet: [Siveillance Video Internet](#)

EMEA: +49 89 9221 8000

APAC: +91 44 6156 4325

America: +1 800 877 7545

## Training

Internal Siemens: [Siemens My Learning](#)

External: Contact your local Siemens representative

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## Issued by

Siemens Schweiz AG  
Smart Infrastructure Division  
International Headquarters  
Theilerstrasse 1 a  
CH-6300 Zug, Switzerland  
Tel. +41 41 724 24 24