COMPARSION GUIDE

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

2022 R3 | DECEMBER 2022

SIEMENS

Copyright

Copyright © 2022. Siemens Switzerland Ltd. All rights reserved.

The information contained in this publication is company-proprietary to Siemens Switzerland Ltd. This publication and related software are provided under a license agreement containing restrictions on use and disclosure and are also protected by copyright law. Reverse engineering / copying of any Siemens Switzerland Ltd hardware, software, documentation, or training material is strictly prohibited.

This publication and related software remain the exclusive property of Siemens Switzerland Ltd. No part of this publication or related software may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior written permission from Siemens Switzerland Ltd.

Due to continued product development, the information in this publication and related software may change without notice. Please report any errors to Siemens Switzerland Ltd in writing. Siemens Switzerland Ltd does not warrant that this publication or related software is error-free.

Any references to companies or persons are for purposes of illustration only and are not intended to refer to actual individuals or organizations.

Note to Value Added Partners:

Certain links in this document may not work for you because they direct to Siemens internal information. Please get in touch with your local Siemens partner for relevant information.

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.

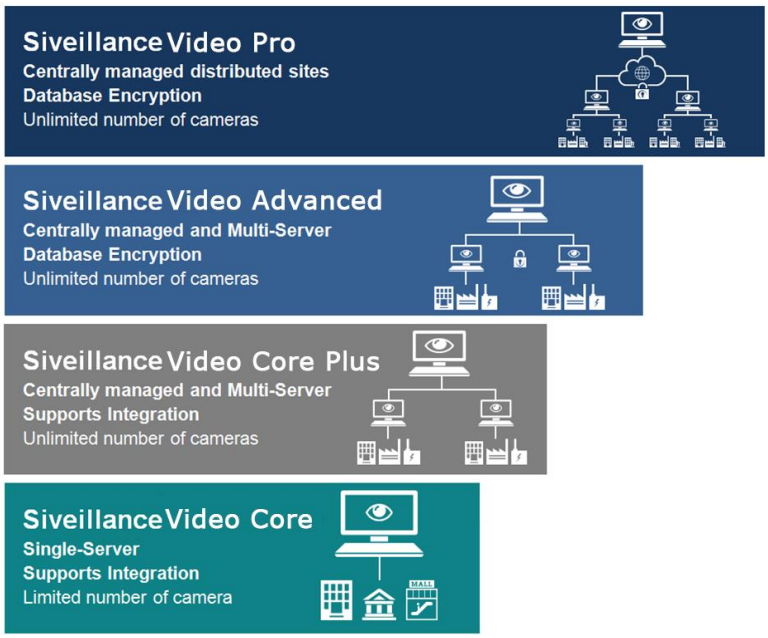
This document is intended to give an overview of the Siveillance Video Management Client and Siveillance Video Client features for the Siveillance Video Core, Core Plus, Advanced & Pro and the prerequisites corresponding to the Siveillance Video family.

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 R3			
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 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 *(Drivers in Legacy Device Pack excluded)*	•	•	✓	✓
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)	✓	✓	✓	✓
Adaptive Streaming	✓	✓	✓	✓
Direct Streaming (mobile server)	✓	✓	✓	✓
Microsoft Active Directory support	✓	✓	✓	✓

Siveillance Video High-Level Product Comparison – Continued

Siveillance Video Features	2022 R3			
System Components (Software Modules)	**Core**	**Core Plus**	**Advanced**	**Pro**
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	•	•	•	✓
Incident Manager	License Required	License Required	License Required	License Included
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 R3			
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)	12000+	12000+	12000+	12000+

Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R3			
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 (6)	✓	✓	✓	✓
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 R3			
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 R3			
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 R3			
Incident Manager	**Core**	**Core Plus**	**Advanced**	**Pro**
Siveillance Video Incident Manager	License Required	License Required	License Required	License Included
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)	✓	✓	✓	✓
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	✓	✓	✓	✓

Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R3			
Recording Server, Storage and Archiving	**Core**	**Core Plus**	**Advanced**	**Pro**
Video retention time	Unlimited	Unlimited	Unlimited	Unlimited
Archiving schedules	Hourly	Hourly	Hourly	Hourly
System Components (Software Modules)	**Core**	**Core Plus**	**Advanced**	**Pro**
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	•	•	•	✓

Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R3			
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 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	✓	✓	✓	✓

Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R3			
System Components (Software Modules)	**Core**	**Core Plus**	**Advanced**	**Pro**
Automatic license activation of online systems	✓	✓	✓	✓
Day length time profile	✓	✓	✓	✓
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	•	•	•	✓
Management Client device search filter	✓	✓	✓	✓
Centralized management of Siveillance Video Client application options (Number of supported Siveillance Video – Video Client profiles)	•	3	12	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 Monitoring 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

Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R3			
Siveillance Video Montoring Wall	**Core**	**Core Plus**	**Advanced**	**Pro**
Maximum number of video streams per display	•	•	100	100
Maximum number of video streams per display	•	•	100	100
Presets for display layouts and camera content	•	•	✓	✓
Live video stream content	•	•	✓	✓
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 NTML (NT LAN Manager) authentication	✓	✓	✓	✓
Kerberos authentication	✓	✓	✓	✓
Inheritance of user rights	✓	✓	✓	✓

Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R3			
User Authentication and Rights Management	**Core**	**Core Plus**	**Advanced**	**Pro**
Tiered management rights	•	•	•	✓
Time schedule-controlled user access to devices and functions	•	•	•	✓
Two-step verification (Web and Mobile Client users)	•	•	•	✓
Biometry Support in Mobile Client	✓	✓	✓	✓
MDM (Mobile Device Management) support in Mobile Client	✓	✓	✓	✓
Logging	**Core**	**Core Plus**	**Advanced**	**Pro**
System and Audit logging	✓	✓	✓	✓
External identify provider support (OIDC) SSO	✓	✓	✓	✓
Rule logging	✓	✓	✓	✓
Compliance and Certification	**Core**	**Core Plus**	**Advanced**	**Pro**
FIPS 140-2 Compliance	✓	✓	✓	✓
Europrise Privacy Seal (GDPR Ready)	•	•	•	✓
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)

Siveillance Video Detailed Product Comparison – Continued

Siveillance Video Features	2022 R3			
Languages (Management Interface)	**Core**	**Core Plus**	**Advanced**	**Pro**
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	2022 R3		
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	•	•	✓

Siveillance Video High-level Client Comparison – Continued

Siveillance Video Client Features	2022 R3		
Key Features	**Mobile Client**	**Web Client**	**Video Client**
Evidence Lock	•	•	✓
Storyboard function in export	•	•	✓
Dedicated Search tab (Centralized Search)	•	•	✓
Incident Manager	•	•	✓
Push Notification	✓	•	•
Include Siveillance Video Client – Player in export	•	•	✓
Hardware accelerated video decoding (Intel Quick Sync video)	•	•	✓
Adaptive streaming	✓	✓	✓
Direct streaming	✓	✓	•
Mobile access control support (ACM Plug-ins)	✓	•	•
Cameras and view groups	✓	✓	✓

Siveillance Video Detailed Client Comparison

Siveillance Video Client Features	2022 R3											
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	✓				✓				✓			

Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R3											
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**			
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	•				•				✓			
Live View	**Mobile Client**				**Web Client**				**Video Client**			
One-way audio support	✓				✓				✓			
Two-way audio support	✓				✓				✓			
Broadcasting audio	•				✓				✓			
Update on motion only	•				•				✓			
Start/stop recording in view	•				•				✓			
Independent playback in live mode	•				•				✓			

Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R3											
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Live View	Mobile Client				Web Client				Video Client			
Replace cameras in view without changing view setup	•				•				✓			
Send camera to Virtual Matrix	•				•				✓			
Switch to camera by number	•				•				✓			
Share video image	Via locally installed communication applications (email)				•				Print, copy to clipboard and save to file			
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	•				•				✓			

Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R3											
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 & 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	•				•				✓			
Print report with comments	•				•				✓			
One-way audio support	✓				✓				✓			
Two-way audio support	✓				✓				✓			

Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R3											
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
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	•				•				•	✓		
People search	•				•				•	✓		
Vehicle search	•				•				•	✓		
Location search	•				•				•	✓		
Visualize location of search result	•				•				•	✓		
Multi-category Search and sort results by relevance	•				•				•	✓		
3rd 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	•				•				•	✓		

Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R3											
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Bookmark Function	Mobile Client				Web Client				Video Client			
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	•				•				✓			
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	•				•				✓			
Push Notification	✓(6)				•				•			
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	•				•				✓			

Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R3											
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Standard Map Function	Mobile Client				Web Client				Video Client			
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	•				•				•		✓	
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	•				•				•		✓	
Siveillance Video Monitoring 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	•				•				•		✓	✓

Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R3											
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Siveillance Video Monitoring Wall Support	Mobile Client				Web Client				Video Client			
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	•				•				•			✓
Incident Manager	Mobile Client				Web Client				Video Client			
Siveillance Video Incident Manager	•				•				•			✓
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)	•				Always on				✓			

Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R3											
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			
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	•				•				•		✓	

Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R3											
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Installation	Mobile Client				Web Client				Video Client			
Notify about new updates	✓				•				•			
Run without installation	•				✓				•			
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	✓				✓				•			
Biometry support	✓				•				•			
MDM (Mobile Device Management) Support	✓				•				•			
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	✓				✓				✓			

Siveillance Video Detailed Client Comparison – Continued

Siveillance Video Client Features	2022 R3											
Feature set when used with specific Siveillance Video Platform	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro	Core	Core Plus	Advanced	Pro
Authorization	Mobile Client				Web Client				Video Client			
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	•				•				✓			
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 R3		
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)

Siveillance Video Detailed Client Comparison

Siveillance Video Clients	2022 R3		
Languages (Installation, UI and help function)	**Mobile Client**	**Web Client**	**Video 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
6. Requires a valid SSA/SUR term. When the SSA/SUR term expires, this service becomes inactive and can no longer be used.

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

Cybersecurity Disclaimer

Siemens provides a portfolio of products, solutions, systems and services that includes security functions that support the secure operation of plants, systems, machines and networks. In the field of Building Technologies, this includes building automation and control, fire safety, security management as well as physical security systems.

In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art security concept. Siemens' portfolio only forms one element of such a concept.

You are responsible for preventing unauthorized access to your plants, systems, machines and networks which should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. Additionally, Siemens' guidance on appropriate security measures should be taken into account. For additional information, please contact your Siemens sales representative or visit:https://www.siemens.com/global/en/home/company/topic-areas/future-of-manufacturing/industrial-security.html

Siemens' portfolio undergoes continuous development to make it more secure. Siemens strongly recommends that updates are applied as soon as they are available and that the latest versions are used. Use of versions that are no longer supported, and failure to apply the latest updates may increase your exposure to cyber threats. Siemens strongly recommends to comply with security advisories on the latest security threats, patches and other related measures, published, among others, under http://www.siemens.com/cert/en/cert-security-advisories.htm

Issued by

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