



Velocity Vision Video Management Software Comparison Chart

Velocity Vision 6.3

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Copyright

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Introduction

As the world's leading provider of open platform IP video management software (VMS), Hirsch Systems offers a wide

range of VMS products optimized for different types of deployment and usage. This document provides an in-depth comparable outline of Hirsch's Velocity Vision VMS products and the associated clients.

This document is intended as a technical sales tool with two primary purposes:

- To provide an overview of the features that each Velocity Vision product provides.
- To support the selection of the optimal product by offering a visible comparison between the various products in the Velocity Vision product range.

This document contains several separate comparison charts, for Velocity Vision VMS platform products and for Velocity Vision clients, where each product category has an overview comparison chart, followed by a more detailed and comprehensive chart.

The following Velocity Vision VMS platform products are covered:

- Velocity Vision Enterprise
- Velocity Vision Pro
- Velocity Vision Advanced
- Velocity Vision Standard

The following Velocity Vision clients are covered:

- Velocity Vision Smart Client
- Velocity Vision Web Client
- Velocity Vision Mobile

The document does not cover Velocity Vision Extensions or Hirsch Utilities.

The information in this document only provides basic information. Refer to the individual product specification sheets for a complete listing of all features for a given Velocity Vision product.

Hirsch reserves the right to change the product specifications without prior notice.

High-level Velocity Vision VMS Product Comparison

The table below gives an overview of Hirsch's Velocity Vision VMS products and their key capabilities.

Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Key Features				
Type of deployment	Single	Centrally	Centrally	Centrally
Licensing	Perpetual	Perpetual	Perpetual	Perpetual
Maximum number IP devices ¹ per recording server	48	Unrestricted	Unrestricted ²	Unrestricted ²
Number of recording servers per system	1	Unrestricted	Unrestricted ²	Unrestricted ²
Maximum numbers of users	Unrestricted	Unrestricted	Unrestricted ²	Unrestricted ²
Customer Dashboard and Connected Services	Supported	Supported	Supported	Supported
Alarm Manager	✓	✓	✓	✓
Video out via Hirsch Open Network Bridge	✓	✓	✓	✓
Dual authorization (Smart Client users)	✓	✓	✓	✓
Supports Velocity Vision Smart Client, Velocity Vision WebClient and	✓	✓	✓	✓
Secure HTTPS camera connectivity (on supported devices)	✓	✓	✓	✓
Adding devices on HTTPS ³	✓	✓	✓	✓
Single device firmware ⁴ upgrade	✓	✓	✓	✓
Bulk device firmware ⁴ upgrade	-	-	✓	✓
Map function	✓	✓	✓	✓
Third-party application integration and support for video analytics ⁵	✓	✓	✓	✓
Built-in Video Motion Detection (VMD) with Auto adjustable VMD	✓	✓	✓	✓
H.264, MJPEG, MPEG-4, MPEG-4 ASP & MxPEG	✓	✓	✓	✓
H.265, AVI ⁶	✓	✓	✓	✓
Adaptive streaming/playback	✓	✓	✓	✓
Direct streaming (mobile server)	✓	✓	✓	✓
Microsoft Active Directory support	✓	✓	✓	✓
External identity provider support (OIDC) SSO	✓	✓	✓	✓

¹ IP device can be an actual camera, video encoders, NVR/DVR, video services or other types of video/audio devices connected to the VMS' recording server. IP cameras or encoders should be included in the Hirsch Supported Device List to count as one license per IP device otherwise it will require one license per enabled video channel. Refer Improved license model FAQ for more details and visit <https://www.Hirschsys.com/community/business-partner-tools/supported-devices/> for licensing requirement of an IP device. Please note that Specific IP device variants may not appear on the Supported Device List but will, however, be treated by Hirsch as an IP device included in this list provided their equivalent base model is supported.

Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Metadata support	✓	✓	✓	✓
Centralized management	✓	✓	✓	✓
Flexible event rule engine	✓	✓	✓	✓
Hardware accelerated video decoding for Video Motion Detection	✓	✓	✓	✓
Hardware accelerated video decoding for Video Motion Detection	-	-	✓	✓
Hardware accelerated video decoding in the Mobile Server	✓	✓	✓	✓
Support for live video play without recording storage	✓	✓	✓	✓
Edge Storage and Scalable Video Quality Recording	-	✓	✓	✓
Smart Map functions	✓	✓	✓	✓
Media database encryption and digital signing	-	-	✓	✓
Recording Server communication encryption	✓	✓	✓	✓
Management Server communication encryption	✓	✓	✓	✓
Mobile Server communication encryption	✓	✓	✓	✓
Velocity Vision Management Server Failover	-	-	Requires	Requires
Hot- & cold-failover recording server	-	-	✓	✓
Evidence Lock	-	-	-	✓
Velocity Vision Incident Manager	Requires	Requires	Requires	✓
Supports Velocity Vision Smart Wall	-	-	Requires	✓
Hirsch Federated Architecture	-	-	Remote site	Central/
Hirsch Interconnect	Remote site	Remote site	Remote site	Central/

3 Applicable for devices integrated through Axis, Bosch, Hikvision, Hanwha, Panasonic and ONVIF drivers (drivers in Legacy Device Pack excluded)

4 Applicable only for devices integrated through Axis, Bosch, Hanwha and ONVIF drivers (drivers in Legacy Device Pack excluded)

5 Using Hirsch Integration Platform (HIP)

6 Please check <https://portal.hirschsecure.com/asp/asp/login> for graphic cards and performance requirements

7 Depending on system configuration

Detailed Velocity Vision VMS Product Comparison

The table below gives a detailed listing of all major features in the different Velocity Vision VMS products. The features are organized into categories for increased readability.

Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Features				
System Components(Software Modules)				
Recording Server	✓	✓	✓	✓
Hot- & cold-failover recording server	-	-	✓	✓
Maximum number of IP devices ¹ per recording server	48	Unrestricted ¹⁵	Unrestricted ¹⁵	Unrestricted
Maximum number of recording servers per system	1	Unrestricted ¹⁵	Unrestricted ¹⁵	Unrestricted
Recording server manager	✓	✓	✓	✓
Management Server	✓	✓	✓	✓
Management Server compatible with Microsoft clustering	✓	✓	✓	✓
Management client (dedicated client application for local or	✓	✓	✓	✓
Event server (for handling events and alarms)	✓	✓	✓	✓
Failover event server (redundant cluster)	✓	✓	✓	✓
Velocity Vision Mobile (server and client)	✓	✓	✓	✓
Velocity Vision Smart Client	✓	✓	✓	✓
Velocity Vision Web Client	✓	✓	✓	✓
Velocity Vision Smart Client - Player (local	✓	✓	✓	✓
Run servers as Windows Services	✓	✓	✓	✓
Available for AWS Cloud Deployment in AWS Marketplace	✓	✓	✓	✓
Licensing				
Licensing ²	Perpetual	Perpetual	Perpetual	Perpetual
Distributed Operation				
Hirsch Interconnect	Remote site	Remote site	Remote site	Central/
Hirsch Federated Architecture	-	-	Remote site	Central/

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Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Remote camera connection via Remote Connection	-	-	-	✓
Device Support				
Support for ONVIF & PSIA compliant devices	✓	✓	✓	✓
Generic device support via Hirsch universal driver	✓	✓	✓	✓
Metadata from camera embedded analytics	✓	✓	✓	✓
Number of supported IP devices	11000+	11000+	11000+	11000+
Secure HTTPS camera connectivity (on supported	✓	✓	✓	✓
Adding devices on HTTPS ³	✓	✓	✓	✓
Single device firmware upgrade ⁴	✓	✓	✓	✓
Bulk device firmware upgrade ⁴	-	-	✓	✓
Device firmware version listing	✓	✓	✓	✓
Update hardware – refresh option	✓	✓	✓	✓
Video Processing				
H.264, MJPEG, MPEG-4, MPEG-4 ASP and MxPEG	✓	✓	✓	✓
H.265, AV1 ⁵	✓	✓	✓	✓
Metadata support	✓	✓	✓	✓

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Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Dual stream (live and recording) per camera	✓	✓	✓	✓
Generic 360 dewarping	✓	✓	✓	✓
Multi-live streaming	✓	✓	✓	✓
Adaptive streaming/playback	✓	✓	✓	✓
Direct streaming (mobile server)	✓	✓	✓	✓
Client video stream down sampling (resolution and FPS)	✓	✓	✓	✓
Adjustable GOP size (MPEG4/H.264/H.265/AVI)	✓	✓	✓	✓
Send camera pre-alarm images (pre-recording buffer) to	✓	✓	✓	✓
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	✓	✓	✓	✓
Hardware accelerated video decoding for VMD (NVIDIA)	-	-	✓	✓
Hardware accelerated video decoding in the Mobile Server	✓	✓	✓	✓
Motion metadata generated during VMD analysis	✓	✓	✓	✓
VMD exclusion zones	✓	✓	✓	✓

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Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Video motion detections per server	All connected cameras			
Audio				
One-way audio - live and recording support	✓	✓	✓	✓
Two-way audio - live support	✓	✓	✓	✓
Two-way audio – recording support	✓	✓	✓	✓
Two-way AAC Audio support	✓	✓	✓	✓
Maximum number of supported audio channels	48	Unrestricted ¹⁵	Unrestricted ¹⁵	Unrestricted
Playback of audio files on rule	✓	✓	✓	✓
Pan-tilt-zoom (PTZ)				
Preset positions per camera	Unrestricted	Unrestricted ¹⁵	Unrestricted ¹⁵	Unrestricted
Go-to preset on event	✓	✓	✓	✓
Preset patrolling	✓	✓	✓	✓
Combine patrolling and go-to preset on event	✓	✓	✓	✓
Scanning/transition speed	✓	✓	✓	✓
Number of PTZ priority levels for prioritized PTZ control ⁶	1	3	32,000	32,000
I/O and Events				

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Hardwareconfigurableevents(suchasl/Oinput,motion,	✓	✓	✓	✓
Motion detection events (VMD in 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				
Manual bookmarking (quick bookmarking + bookmarking	-	✓	✓	✓
Rule-based bookmarking	-	-	✓	✓
Sharing Functionality				
Sharing bookmarks between Mobile Clients	-	✓	✓	✓

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Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Sharing a link to camera's live video stream between Mobile	-	✓	✓	✓
Evidence Lock				
Lock video for one or multiple cameras	-	-	-	✓
Retrieve overview of locked video sequences	-	-	-	✓
Define available retention times	-	-	-	✓
Alarm Manager				
Alarm description with work instructions and optional initial	✓	✓	✓	✓
Time profiles for alarms	✓	✓	✓	✓
Manage role-based alarms	✓	✓	✓	✓
View triggered alarms	✓	✓	✓	✓
Manage alarms (reassign, change status, comment)	✓	✓	✓	✓
Push alarms for users of Velocity Vision Mobile	✓	✓	✓	✓
Maximum number of related cameras in alarm preview	15	15	15	15
Number of alarm priority levels	32,000	32,000	32,000	32,000
Customizable alarm priority levels, categories, statuses,	✓	✓	✓	✓
Customizable sound notification	✓	✓	✓	✓

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Alarm handling reporting	✓	✓	✓	✓
Alarm logging	✓	✓	✓	✓
Recording server, storage and archiving				
Pre-recording buffer in RAM	✓	✓	✓	✓
Video retention time	Unrestricted	Unrestricted ¹⁵	Unrestricted ¹⁵	Unrestricted
Recording capacity per device/day	Unrestricted	Unrestricted ¹⁵	Unrestricted ¹⁵	Unrestricted
Archiving recordings with network drive support	✓	✓	✓	✓
Online access to archives	✓	✓	✓	✓
Archiving schedules	Hourly	Hourly	Hourly	Hourly
Storage definition and retention time per device	✓	✓	✓	✓
Storage definition and retention time that can be applied to	✓	✓	✓	✓
Multi-stage video storage and data grooming	-	-	✓	✓
Storage overview (used vs. available space) of available	✓	✓	✓	✓
Support for live video play without recording storage	✓	✓	✓	✓
Event on premature deletion of video due to insufficient	✓	✓	✓	✓
Edge Storage support with flexible retrieval	-	✓	✓	✓

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Scalable Video Quality Recording	-	✓	✓	✓
Evidence Lock	-	-	-	✓
Media database encryption and digital signing	-	-	✓	✓
Encryption of communication with connected	✓	✓	✓	✓
Multicast support	-	-	✓	✓
Integration Options				
Plug-in, Protocol, Component integration via MIP SDK	✓	✓	✓	✓
System Configuration via MIP SDK and REST API	✓	✓	✓	✓
Live and playback Video and Audio streaming via	✓	✓	✓	✓
Device integration through Driver Framework	✓	✓	✓	✓
Metadata integration	✓	✓	✓	✓
Event and alarm integration via MIP SDK, REST API, and	✓	✓	✓	✓
Event and action rule engine integration via MIP SDK	✓	✓	✓	✓
Human Interface Device (HID) integration for Smart Client	✓	✓	✓	✓
Hirsch AI Bridge for Intelligent Video Analytics integrations	✓	✓	✓	✓
Webhooks	✓	✓	✓	✓

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Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Support for Velocity Vision Extensions				
Velocity Vision Access	Requires	Requires	Requires	Requires
Velocity Vision LPR	Requires	Requires	Requires	Requires
Velocity Vision Smart Wall	-	-	Requires	✓
Velocity Vision Transact	Requires	Requires	Requires	Requires
Velocity Vision Retail	Requires	Requires	Requires	Requires
Velocity Vision Incident Manager	Requires	Requires	Requires	✓
Velocity Vision Management Server Failover	-	-	Requires	Requires
Hirsch Open Network Bridge	✓	✓	✓	✓
Velocity Vision Rapid REVIEW	Discontin	Discontinued ¹	Discontinue	Discontin
Velocity Vision Hospital Assist	Requires	Requires	Requires	Requires
Management				
Maximum number of clients	Unrestrict	Unrestricted ¹⁵	Unrestricted ¹⁵	Unrestricted
Password protected system configuration	✓	✓	✓	✓
Configuration wizards for aided system setup	✓	✓	✓	✓
Device scanning with device model detection	✓	✓	✓	✓

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⁵ Please check <https://portal.hirschsecure.com/aspix/login> for graphic cards and performance requirements

⁶ In Standard, ongoing PTZ operations cannot be interrupted

⁹ This feature is not available for devices with factory default credentials.

¹⁰ Applicable only for devices integrated through the Hirsch ONVIF drivers and that are ONVIF Profile T & Q compliant

¹¹ Users must be members of the administrator role

¹² Installation and user interface localized. Help system and manuals in English only

¹⁵ Depending on system configuration

Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Device replacement wizard	✓	✓	✓	✓
Management Client device search filter	✓	✓	✓	✓
Move device wizard for moving hardware devices (e.g.	-	✓	✓	✓
Centralized recording server & device management	✓	✓	✓	✓
Device group support	✓	✓	✓	✓
Management Client profiles	-	-	-	✓
Centralized management of Velocity Vision Smart Client	-	3	12	Unrestricted
Day length time profile	✓	✓	✓	✓
On-the-fly configuration changes	✓	✓	✓	✓
Scheduled start/stop of devices	✓	✓	✓	✓
Configuration reporting	✓	✓	✓	✓
Built-in backup-restore support	✓	✓	✓	✓
Automatic license activation of online systems	✓	✓	✓	✓
Offline license activation	✓	✓	✓	✓
Add/replace devices without reactivation in offline systems	✓	✓	✓	✓
Customizable access port with NAT support	✓	✓	✓	✓

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Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Device Password Management ²	-	✓	✓	✓
Initial setup of credentials on devices ²	✓	✓	✓	✓
Current device user handling ¹⁰	-	✓	✓	✓
Network configuration for devices ¹⁰	-	✓	✓	✓
System Monitoring				
Customizable dashboard for task / component specific live	-	-	✓	✓
Customizable event trigger thresholds for Normal, Warning	-	-	✓	✓
Real-time and historical system status of management	-	-	✓	✓
Real-time and historical system status of individual	-	-	✓	✓
Dedicated System Monitor tab that can be displayed as		-	✓	✓
Velocity Vision Smart Wall				
Supports Velocity Vision Smart Wall video wall	-	-	Requires	✓
Number of Velocity Vision Smart Walls and Velocity Vision	-	-	Unrestricted ¹⁵	Unrestricted
Number of concurrent video streams	-	-	Unrestricted ¹⁵	Unrestricted
Maximum number of content positions per display	-	-	100	100
Presets for display layouts and camera content	-	-	✓	✓

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Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Live video stream content	-	-	✓	✓
Velocity Vision Smart Client controlled playback of video	-	-	✓	✓
Support for rich video wall content, including maps and	-	-	✓	✓
Rule-based control of layout and content (including text	-	-	✓	✓
System Alarms and Notifications				
Email notification	✓	✓	✓	✓
Multiple notification profiles	✓	✓	✓	✓
SNMP trap	-	-	✓	✓
Customer Dashboard	✓	✓	✓	✓
User Authentication and Rights Management				
Centralized user management	✓	✓	✓	✓
Tiered management rights	-	-	-	✓
Inheritance of user rights	✓	✓	✓	✓
Time schedule-controlled user access to devices and	-	-	-	✓
Restrict user access by client type (Web Client, Velocity	✓	✓	✓	✓
Basic User (Velocity Vision application accounts)	✓	✓	✓	✓

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Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Windows User (local Windows accounts)	✓	✓	✓	✓
Microsoft Active Directory User (central Active Directory)	✓	✓	✓	✓
External identity provider support (OIDC) with support for	✓	✓	✓	✓
Dual authorization (Smart Client users)	✓	✓	✓	✓
Dual authorization (Management Client users) ¹¹	✓	✓	✓	✓
Two-step verification (Web and Mobile Client users)	-	-	-	✓
Windows NTLM (NT LAN Manager) authentication	✓	✓	✓	✓
Kerberos authentication	✓	✓	✓	✓
Biometry support in Mobile Clients	✓	✓	✓	✓
MDM (Mobile Device Management) support in Mobile Client	✓	✓	✓	✓
Logging				
System and audit logging	✓	✓	✓	✓
Rule logging	✓	✓	✓	✓
Compliance and Certification				
FIPS 140-2 compliance	✓	✓	✓	✓
GDPR ready	-	-	✓	✓

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Velocity Vision VMS Products	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Languages (Management Interface)				
Chinese (Simplified)	✓	✓	✓	✓
Chinese (Traditional) ¹²	✓	✓	✓	✓
Danish ¹²	✓	✓	✓	✓
English	✓	✓	✓	✓
French	✓	✓	✓	✓
German	✓	✓	✓	✓
Italian ¹²	✓	✓	✓	✓
Japanese	✓	✓	✓	✓
Korean	✓	✓	✓	✓
Portuguese (Brazilian)	✓	✓	✓	✓
Russian ¹²	✓	✓	✓	✓
Spanish	✓	✓	✓	✓
Swedish ¹²	✓	✓	✓	✓
Turkish ¹²	✓	✓	✓	✓

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15 Depending on system configuration

High-level Velocity Vision Client Comparison

The table below gives an overview of the different Velocity Vision clients that can be used together with Hirsch's Velocity Vision VMS products.

Velocity Vision Client	Velocity Vision Mobile	Velocity Vision Web Client	Velocity Vision Smart Client
Key Feature			
User platform	Smartphones and	Web browsers	Windows PC
User mobility	High	Medium	Low
Installation required	✓	-	✓
User authentication	✓	✓	✓
Dual authorization	-	-	✓
Two-step verification	✓	✓	-
Secure (HTTPS) client-server connection	✓	✓	-
Camera search	✓	✓	✓
Generic 360 dewarping	-	-	✓
View live video	✓	✓	✓
Control PTZ cameras	✓	✓	✓
Advanced PTZ camera control	-	-	✓
PTZ specific camera icons	-	-	✓
Alarm handling	✓	✓	✓
Push Notifications	✓	-	-
Interactive maps	-	-	✓
Smart Map	✓	-	✓
Trigger I/O events	✓	✓	✓
Playback	Single camera	Multi camera	Multi camera
Dedicated Search tab (centralized)	-	-	✓
Evidence Lock	-	-	✓
Velocity Vision Incident Manager	-	-	✓
Export/share video from one camera	✓	✓	✓
Export video from multiple cameras	-	✓	✓

Velocity Vision Client	Velocity Vision Mobile	Velocity Vision Web Client	Velocity Vision Smart Client
Storyboard function in export	-	-	✓
Include Velocity Vision Smart Client – Player in export	-	-	✓
Video Push with audio support	✓	-	-
Dynamic bandwidth adaptation	✓	✓	-
Adaptive streaming	✓	✓	✓
Adaptive playback	-	-	✓
Direct streaming ²	✓	✓	-
Hardware accelerated video decoding	-	-	✓
Manage access control (Requires	✓	-	✓
Cameras and view groups	✓	✓	✓

² Applies for iOS single and multiple cameras, and for Android single camera only

Detailed Velocity Vision Client Comparison

This section provides a detailed comparison between the different Velocity Vision clients, both in relation to each other, and the Velocity Vision VMS platforms. The latter is important because some functionality and support of the clients are determined by the specific Velocity Vision product or product version. The features are organized into categories for increased readability.

Velocity Vision Client	Velocity Vision Mobile				Velocity Vision Web Client				Velocity Vision Smart Client			
Feature set when used with specific Velocity Vision VMS Platform	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
General View Handling												
Number of view layouts	2				2				2			
Maximum view items per	100				100				100			
Optimized view layouts	-				-				✓			
Corridor optimized view	-				-				✓			
Optimized view layouts	✓				-				✓			
Cameras from multiple	-	✓			-	✓			-	✓		
Support for <i>Shared</i>	-				✓				✓			
Velocity Vision Smart	-				-				-		Requires	✓

1 In Mobile Clients each user sets their own default view

2 Limited to certain camera models that can perform video analytics and export ONVIF compliant metadata

4 Feature only applicable to exports in Velocity Vision format

5 Velocity Vision Mobile server localized to same languages as the management interface and documentation is only available in English

6 Only the user interface is localized; user's manual and online help is not localized

7 Depending on system configuration

8 Direction viewcones only supported on Android

Velocity Vision Client	Velocity Vision Mobile				Velocity Vision Web Client				Velocity Vision Smart Client			
Feature set when used with specific Velocity Vision VMS Platform	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Images and active		-				-					✓	
Hotspot and Carousel in		-				-					✓	
Virtual Matrix in views		-				-					✓	
Display bounding boxes		-				-					✓	
Full screen mode		✓				✓					✓	
Multi-window		-				-					✓	
Switch to view by		-				-					✓	
Initial default view ¹		✓				-					✓	
Camera search		✓				✓					✓	
Automatic restore views		✓				✓					✓	
Live View												
Update on motion only	-				-				✓			
One-way audio support	✓				✓				✓			

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Feature set when used with specific Velocity Vision VMS Platform	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Two-way audio support		✓				✓					✓	
Broadcasting audio		-				✓					✓	
Start/stop recording in view		-				-					✓	
Independent playback in		-				-					✓	
Replace cameras in view		-				-					✓	
Sending camera to		-				-					✓	
Share video image	Via locally using winform communication						-		Print, copy to clipboard and save to file			
Switch to camera by		-				-					✓	
PTZ Support												
Define presets in the		-				-					✓	

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Feature set when used with specific Velocity Vision VMS Platform	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Define and control		-				-			-			✓
View who has PTZ		-				-				✓		
Lock PTZ control		-				-			-			✓
Go to preset positions		✓				✓				✓		
Pause patrolling at		✓				✓				✓		
Immersion Enables		-				-				✓		
Joystick support		-				-				✓		
Assign commands to		-				-				✓		
Auxiliary commands		-				-				✓		
I/O and Events Control												
Camera overlay buttons		-				-				✓		
Manually activate events		✓				✓				✓		
Audio and Playback												
Maximum view items per		1				Dynamic, 4-18 depending on screen					100	

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Feature set when used with specific Velocity Vision VMS Platform	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Playback mode	Single Camera				Multi Camera				Multi Camera			
Recording search	✓				✓				✓			
Recent history of	✓				-				✓			
Time/date search	✓				✓				✓			
Independent playback	-				-				✓			
Event/alert list in	-				-				✓			
Graphical timeline	✓				✓				✓			
Adjust playback speed	✓				✓				✓			
Single frame step	✓				✓				✓			
One-way audio support	✓				✓				✓			
Two-way audio support	✓				✓				✓			
Broadcasting audio	-				✓				✓			
Digital zoom	✓				✓				✓			

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Feature set when used with specific Velocity Vision VMS Platform	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Share video image	Via locally installed communication applications				Single JPG image export				Print, copy to clipboard and save to file			
Print report with	-				-				✓			
Privacy masking	✓				✓				✓			
Search												
Dedicated Search tab	-				-				✓			
Sequence Search	-				-				✓			
Motion Search	-				-				✓			
Bookmark Search	✓				✓				-			
Alarm Search	-				-				-			
Event Search	-				-				-			
Velocity Vision LPR	-				-				-			

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Velocity Vision Client	Velocity Vision Mobile				Velocity Vision Web Client				Velocity Vision Smart Client			
Feature set when used with specific Velocity Vision VMS Platform	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
People Search ²		-				-					✓	
Vehicle Search ²		-				-					✓	
Location Search ²		-				-					✓	
Multi-category Search		-				-			-			✓
Visualize location of		-				-			-			✓
Save search templates		-				-			-			✓
Third party search		-				-					✓	
Bookmark Function												
Manual bookmarking	-		✓		-			✓	-			✓
Create, edit, and delete	-		✓		-			✓	-			✓
Instant preview of		-				-					✓	
Listing and previewing		-				-					✓	
Print bookmark report		-				-					✓	
Direct video export of		-				-					✓	

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Feature set when used with specific Velocity Vision VMS Platform	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Search and apply filters	-		✓		-		✓		-		✓	
Sharing Functionality												
Sharing bookmarks	-		✓			-				-		
Sharing a link to camera's live video stream between Mobile Clients	-		✓			-				-		
Alarm Manager												
Dedicated Alarm		-				-				✓		
Alarm list and alarm		-				-				✓		
Sort and filtering		✓				-				✓		
Instant preview of		-				-				✓		
Manage alarms		✓				✓				✓		
Manage alarms		✓				✓				✓		
Integration with map		-				-				✓		

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Feature set when used with specific Velocity Vision VMS Platform	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise	Velocity Vision Standard	Velocity Vision Advanced	Velocity Vision Pro	Velocity Vision Enterprise
Alarm description/work		✓				✓					✓	
Escalation and		-				-					✓	
Alarm handing reports		-				-					✓	
Alarm location maps in		-				-					✓	
Combined access to live		-				-					✓	
Desktop notification for		-				-					✓	
Audio notification at new		-				-					✓	
Push Notification		✓				-					-	
Emergency alert		✓				-					-	
Map Function												
Standard graphical file		-				-					✓	
Number of linked map		-				-					Unrestricted ²	

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Video preview		-				-					✓	
Integrated control of		-				-					✓	
Drag-and-drop and		-				-					✓	
Integrated PTZ control		-				-					✓	
Real-time system		-				-					✓	
Smart Map Function												
CAD maps support	-			-		-			-			✓
GIS maps support	-			✓		-					✓	
Online map services	-			-		-			-			✓
Online map services	✓			✓		-					✓	
Offline map services	-			-		-					✓	
Hirsch map service	✓			✓		-					✓	
Camera and camera	✓			✓		-					✓	
Access control units	-			-		-					✓	

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Alarms	✓		✓				-					✓
Input/output devices	-		-				-					✓
Microphones	-		-				-					✓
Video preview							-					✓
Integrated PTZ control	-		-				-					✓
Auto-place devices on	✓ ⁸ ₁		✓ ⁸ ₁				-					✓
Link to standard maps			-				-					✓
Building support			-				-					✓
Velocity Vision Smart Wall												
Supports Velocity Vision	-				-				-			✓
User control of layout and	-				-				-			✓
User control playback of	-				-				-			✓
Local subscription to	-				-				-			✓
Push rich content to	-				-				-			✓

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Send manual text		-				-			-			✓
Evidence Lock and												
Evidence lock video for		-				-				-		✓
Retrieve overview of		-				-				-		✓
Video restrictions		-				-				-		✓
Incident Manager												
Velocity Vision Incident		-				-			Requires License			✓
Export												
Export in still image		✓				✓				✓		
Export with audio support in media player format (AVI & MKV) – individual files (containing one video sequence)		✓				✓				✓		

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Export with audio support in media player		-										✓
Export in Velocity Vision		-					✓					✓
Server-side export		✓					✓					-
Storyboard function in		-					-					✓
Adaptive View in Velocity		-					-					✓
Encrypted export with password protection and digital signing ⁴		-					✓					✓
Verification of digital video signatures in Velocity Vision Smart Client – Player ⁴		-					✓					✓
Prevent Re-export option ⁴		-					Always on					✓
Auto-export of Velocity Vision Smart Client – Player ⁴		-					-					✓
Preserve system defined		✓					✓					✓

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Additional export		-				-					✓	
Liftable user-right		-				-					✓	
Direct export to optical		-				-					✓	
Flexible camera		-				-					✓	
Bulk exports to multiple		-				-					✓	
General and camera specific export comments ⁴		-				-					✓	
Pre/post comment slides		-				-					✓	
Video Push												
Video Push		✓				-					-	
Include location		✓				-					-	
Audio support		✓				-					-	
System Monitoring												
Access real-time and	-				-				-			✓

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Installation												
Run without installation		-					✓					-
Singlestep installer		-					-					✓
Initial and updated		-					-					✓
Auto-update Client		✓					-					-
Smart Connect		✓					-					-
System Access												
Auto-login		✓					-					✓
Dual authorization		-					-					✓
Two-step verification	-			✓	-			✓				-
Secure (HTTPS) client-	✓				✓							-
Dynamic bandwidth	✓				✓							-
External identity	✓				✓				✓			
Biometry support	✓				-				-			-
MDM (Mobile Device	✓				-				-			-

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Authorization												
Restrict user access by		✓				✓				✓		
Time schedule-	-		✓		-		✓		-		✓	
Restrict user access by		✓				✓				✓		
Restrict access to live,		✓				✓				✓		
Restrict access to setup		-				-				✓		
Personalization												
Application options		✓				-				✓		
Centralized	-				-				-		✓	
Application theme		-				-				✓		
Task-oriented tabs		-				✓				✓		
Multiple task-oriented		-				-				✓		
System												
Hardware accelerated		-				-				✓		

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Adaptive streaming		✓				✓					✓	
Adaptive playback		-				-					✓	
Direct streaming		✓				✓					-	
Multi-live streaming		-				-					✓	
Languages (Installation, UI and help function)												
Arabic		✓ ⁵				✓ ⁵					✓	
Bulgarian		✓ ⁵				✓ ⁵					✓ ⁶	
Croatian		✓ ⁵				✓ ⁵					✓ ⁶	
Chinese (Simplified)		✓ ⁵				✓ ⁵					✓	
Chinese (Traditional)		✓ ⁵				✓ ⁵					✓	
Czech		✓ ⁵				✓ ⁵					✓	
Danish		✓ ⁵				✓ ⁵					✓	
Dutch		✓ ⁵				✓ ⁵					✓	

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English		✓				✓				✓		
Farsi		✓ ⁵				✓ ⁵				✓ ⁶		
Finnish		✓ ⁵				✓ ⁵				✓ ⁶		
French		✓ ⁵				✓ ⁵				✓		
German		✓ ⁵				✓ ⁵				✓		
Greek		✓ ⁵				✓ ⁵				✓ ⁶		
Hebrew		✓ ⁵				✓ ⁵				✓ ⁶		
Hindi		✓ ⁵				✓ ⁵				✓ ⁶		
Hungarian		✓ ⁵				✓ ⁵				✓ ⁶		
Icelandic		✓ ⁵				✓ ⁵				✓ ⁶		
Italian		✓ ⁵				✓ ⁵				✓ ⁶		

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Japanese		√ ⁵				√ ⁵				√ ⁶		
Korean		√ ⁵				√ ⁵				√ ⁶		
Norwegian (Bokmål)		√ ⁵				√ ⁵				√		
Polish		√ ⁵				√ ⁵				√		
Romanian		√ ⁵				√ ⁵				√ ⁶		
Portuguese (Brazilian)		√ ⁵				√ ⁵				√ ⁶		
Russian		√ ⁵				√ ⁵				√ ⁶		
Serbian		√ ⁵				√ ⁵				√ ⁶		
Slovak		√ ⁵				√ ⁵				√ ⁶		
Spanish		√ ⁵				√ ⁵				√ ⁶		
Swedish		√ ⁵				√ ⁵				√ ⁶		
Thai		√ ⁵				√ ⁵				√ ⁶		
Turkish		√ ⁵				√ ⁵				√ ⁶		
Ukrainian		√ ⁵				√ ⁵				√ ⁶		
Vietnamese		√ ⁵				√ ⁵				√ ⁶		

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