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Milestone Systems XProtect® Video Management Software (VMS)

Product Comparison Chart
March 30, 2012



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XProtect Comparison Chart

VMS Products



Product name and current version	XProtect® Go 2.0	XProtect® Essential 2.0	XProtect® Express 1.0	XProtect® NVR 1.0	XProtect® Professional 8.0	XProtect® Enterprise 8.0	XProtect® Corporate 5.0
Feature Overview							
Feature scope	Limited	Basic	Integratable	Integratable	Advanced	Comprehensive	Premium
Live view 30+ frame per second	✓	✓	✓	✓	✓	✓	✓
Device Control (pan-tilt-zoom)	✓	✓	✓	✓	✓	✓	✓
Recording and playback	✓	✓	✓	✓	✓	✓	✓
Archiving schedules	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly
Multi-stage video storage management	-	-	-	-	-	-	✓
I/O and event control	✓	✓	✓	✓	✓	✓	✓
PTZ patrolling and scanning/transition speed	-	-	✓	✓	✓	✓	✓
Audio support	✓	✓	✓	✓	✓	✓	✓
Audio recording	✓	✓	✓	✓	✓	✓	✓
Client access (maximum clients)	1	5	5	5	Unlimited	Unlimited	Unlimited
Video export formats	Media player format with watermark	Still images, media player format, XProtect format	Still images, media player format, XProtect format	Still images, media player format, XProtect format	Still images, media player format, XProtect format	Still images, media player format, XProtect format	Still images, media player format, XProtect format
Microsoft® active directory support	-	-	-	-	-	✓	✓
Centralized management	-	-	-	-	-	-	✓
Milestone Federated Architecture™	-	-	-	-	-	-	✓
Full Client (XProtect Smart Client®)	✓	✓	✓	✓	✓	✓	✓
Web Client (Remote Client)	-	✓	✓	✓	✓	✓	✓
Display views as floating window and on multiple monitors	-	-	✓	✓	✓	✓	✓
Map function	-	-	-	-	-	✓	✓
Alarm manager	-	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓	✓
Privacy masking	✓	✓	✓	✓	✓	✓	✓
Camera navigator	-	-	-	-	-	✓	✓
Supports XProtect Smart Wall® video wall add-on ²	-	-	-	-	-	-	✓
Virtual matrix	-	-	-	-	✓	✓	✓
XProtect Transact® support	-	-	✓	✓	✓	✓	✓
XProtect Central® support	-	-	✓	✓	✓	✓	✓
Open Milestone Integration Platform Software	-	-	✓	✓	✓	✓	✓
Development Kit (MIP SDK) for third party application interation	-	-	✓	✓	✓	✓	✓
Maximum number of recording servers per system	1	1	1	1	5	Unlimited ⁴	Unlimited
Maximum number of cameras per recording server	8 ³	26	48	8/16	64	64 ⁴	Unlimited

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VMS Products



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	Go 2.0	Essential 2.0	Express 1.0	NVR 1.0	Professional 8.0	Enterprise 8.0	Corporate 5.0
Failover recording server	-	-	-	-	-	-	✓
Edge Storage support	-	-	-	-	-	-	✓
Multi-cast support	-	-	-	-	-	-	✓
Dual stream (live and recording) per camera	✓	✓	✓	✓	✓	✓	✓
Multi-live streaming	-	-	-	-	-	-	✓
Immersion Enables® panomorph lens support	✓	✓	✓	✓	✓	✓	✓
Multi-CPU support	✓	✓	✓	✓	✓	✓	✓
Small-to-medium-sized business	-	✓	✓	✓	✓	✓	✓
Small-office home-office	✓	✓	✓	✓	-	-	-
Residential	✓	-	-	-	-	-	-
Modules							
Recording Server	✓	✓	✓	✓	✓	✓	✓
Failover Recording Server	-	-	-	-	-	-	✓
Management Server	-	-	-	-	-	-	✓
Management Failover Server	-	-	-	-	-	-	✓
Local management console (Management Application)	✓	✓	✓	✓	✓	✓	-
Recording server manager	✓	✓	✓	✓	✓	✓	✓
Remote management console (Management Client)	-	-	-	-	-	-	✓
Event Server	-	✓	✓	✓	✓	✓	✓
Failover Event Server (Redundant cluster)	-	-	-	-	-	-	✓
Mobile Server	✓	✓	✓	✓	✓	✓	✓
Local playback/export client (XProtect Smart Client - Player®)	-	✓	✓	✓	✓	✓	✓
Full Client (XProtect Smart Client)	✓	✓	✓	✓	✓	✓	✓
Web Client (Remote Client)	-	✓	✓	✓	✓	✓	✓
Mobile Client (XProtect Mobile)	✓	✓	✓	✓	✓	✓	✓

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System							
MJPEG support	✓	✓	✓	✓	✓	✓	✓
MPEG-4 support	✓	✓	✓	✓	✓	✓	✓
MPEG-4 ASP support	✓	✓	✓	✓	✓	✓	✓
MxPEG support	✓	✓	✓	✓	✓	✓	✓
H.264 support	✓	✓	✓	✓	✓	✓	✓
Adjustable GOP size (MPEG4/H.264)	-	-	-	-	-	-	✓
Support for ONVIF™ compliant devices	✓	✓	✓	✓	✓	✓	✓
Support for PSIA compliant devices	✓	✓	✓	✓	✓	✓	✓
Generic device support via universal driver	✓	✓	✓	✓	✓	✓	✓
Number IP device brands ³ supported via dedicated	104	104	104	104	104	104	81
Number of dedicated IP Device Models ⁵ supported via	1549	1549	1549	1549	1549	1549	1311
Supported DVRs ⁵	2	2	2	2	2	2	-
Browse DVR recordings	-	-	-	-	-	✓	-
Secure HTTPS camera connectivity (on supported devices)	✓	✓	✓	✓	✓	✓	✓
Dual stream (live and recording) per camera	✓	✓	✓	✓	✓	✓	✓
Multi-live streaming	-	-	-	-	-	-	✓
Multicast	-	-	-	-	-	-	✓
Client video stream down sampling (resolution and FPS) option	✓	✓	✓	✓	✓	✓	✓
Failover recording server	-	-	-	-	-	-	✓
Remote camera connection	-	-	-	-	-	-	✓
Edge Storage support	-	-	-	-	-	-	✓
Edge Storage with flexible retrieval	-	-	-	-	-	-	✓
Maximum number of recording servers per system	1	1	1	1	5	Unlimited ⁴	Unlimited
Maximum number of cameras per recording server	8 ³	26	48	8/16	64	64 ⁴	Unlimited
Send camera pre-alarm images to recording server	✓	✓	✓	✓	✓	✓	✓
Video recording speed up	On Motion, Event and Time Schedule	On Motion, Event and Time Schedule	On Motion, Event and Time Schedule	On Motion, Event and Time Schedule	On Motion, Event and Time Schedule	On Motion, Event and Time Schedule	On Motion, Event and Time Schedule

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VMS Products



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	Go 2.0	Essential 2.0	Express 1.0	NVR 1.0	Professional 8.0	Enterprise 8.0	Corporate 5.0
Built-in Video Motion Detection (VMD)	✓	✓	✓	✓	✓	✓	✓
VMD exclusion zones	✓	✓	✓	✓	✓	✓	✓
Video motion detections per server	8	26	48	8/16	64	64	Unlimited
Video retention time	Max. 5 days	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Recording capacity per device/day	Over 1 TB ⁶ (using archiving)	Over 1 TB ⁶ (using archiving)	Over 1 TB ⁶ (using archiving)	Over 1 TB ⁶ (using archiving)	Over 1 TB ⁶ (using archiving)	Over 1 TB ⁶ (using archiving)	Unlimited
Video data encryption (live database and archives)	-	-	-	-	-	-	✓
Digital video database signing (live database and archives)	-	-	-	-	-	-	✓
Audio							
One-way audio support	✓	✓	✓	✓	✓	✓	✓
Two-way audio support	-	-	-	-	✓	✓	✓
One-way audio recording	✓	✓	✓	✓	✓	✓	✓
Two-way audio recording	-	-	-	-	-	-	✓
Supported audio channels	Multiple	Multiple	Multiple	Multiple	Multiple	Multiple	Multiple
PTZ							
Preset Positions per camera	25	25	25	25	50	50	Unlimited
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	-	-	-	-	1	1	32,000

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I/O and events							
Input events	✓	✓	✓	✓	✓	✓	✓
Motion detection events	✓	✓	✓	✓	✓	✓	✓
Event-based device configuration	-	-	-	-	-	-	✓
Event-based notification	✓	✓	✓	✓	✓	✓	✓
Event-based output control	✓	✓	✓	✓	✓	✓	✓
Event-based device start/stop	✓	✓	✓	✓	✓	✓	✓
Event-based matrix control	-	-	-	-	✓	✓	✓
Hardware configurable events (such as tampering, temperature, video loss)	✓	✓	✓	✓	✓	✓	✓
Bookmark function							
Manual bookmarking (quick bookmarking and bookmarking with details)	-	-	-	-	-	-	✓
Ruled-based bookmarking	-	-	-	-	-	-	✓
Alarm manager							
Trigger alarms on events	-	✓	✓	✓	✓	✓	✓
Alarm description and work instructions	-	✓	✓	✓	✓	✓	✓
Ability to assign initial owner of an alarm	-	-	-	-	-	✓	✓
Time profiles for alarms	-	-	-	-	-	-	✓
View triggered alarms	-	✓	✓	✓	✓	✓	✓
Manage alarms (reassign, change status, comment)	-	-	-	-	-	✓	✓
Maximum number of related cameras that can be shown in alarm preview window	-	-	-	-	-	15	15
Number of alarm priority levels	-	3	3	3	3	3	Customizable
Customizable alarm priority levels	-	-	-	-	-	-	✓
Customizable sound notification	-	-	-	-	-	-	✓
Customizable alarm categories	-	-	-	-	-	-	✓
Customizable alarm statuses	-	-	-	-	-	-	✓
Customizable alarm result codes	-	-	-	-	-	-	✓
Alarm handling reporting	-	-	-	-	-	-	✓
Alarm logging	-	-	-	-	-	-	✓
Redundancy option for high availability	-	-	-	-	-	-	✓

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Archiving							
Archiving of recordings	✓	✓	✓	✓	✓	✓	✓
Keep online access to archives	✓	✓	✓	✓	✓	✓	✓
Parallel archiving and recording	✓	✓	✓	✓	✓	✓	✓
Archiving schedules	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly
Storage definition and retention time per device	✓	✓	✓	✓	✓	✓	✓
Common storage definition and retention time for multiple devices (can be defined per individual devices)	-	-	-	-	-	-	✓
Dynamic archiving (disk spanning)	✓	✓	✓	✓	✓	✓	-
Multi-stage video storage	-	-	-	-	-	-	✓
Archiving to network drives	-	-	✓	✓	✓	✓	✓
Storage overview (used vs. available space) of available storage drives	✓	✓	✓	✓	✓	✓	✓
Integration							
Video content analysis support	-	-	✓	✓	✓	✓	✓
Recording server API/SDK	-	-	✓	✓	✓	✓	✓
Client plug-in support	-	-	✓	✓	✓	✓	✓
Milestone Integration Platform SDK	-	-	✓	✓	✓	✓	✓
User defined events via TCP/IP	-	-	-	-	-	-	✓
Generic events via TCP/IP	-	-	-	-	✓	✓	✓
Management							
Configuration wizards	✓	✓	✓	✓	✓	✓	✓
Automatic device scanning	✓	✓	✓	✓	✓	✓	✓
Automatic device model detection	✓	✓	✓	✓	✓	✓	✓
Device replacement wizard	✓	✓	✓	✓	✓	✓	✓
Centralized device management	-	-	-	-	-	-	✓
Device group support	-	-	-	-	-	-	✓
Centralized recording server management	-	-	-	-	-	-	✓
Centralized user management	-	-	-	-	-	✓	✓
Centralized management of XProtect Smart Client application options (XProtect Smart Client profiles)	-	-	-	-	-	-	✓
System monitor	-	-	-	-	-	-	✓
Time schedule controlled user access to devices and functions	-	-	-	-	-	-	✓
Day length time profile	-	-	-	-	-	-	✓
On-the-fly configuration changes	-	-	-	-	-	-	✓

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	Go 2.0	Essential 2.0	Express 1.0	NVR 1.0	Professional 8.0	Enterprise 8.0	Corporate 5.0
Run Servers as Windows Services	✓	✓	✓	✓	✓	✓	✓
Scheduled start/stop of devices	✓	✓	✓	✓	✓	✓	✓
Configuration reporting	-	-	-	-	-	-	✓
System configuration restore points	✓	✓	✓	✓	✓	✓	-
Export and import of configuration data	✓	✓	✓	✓	✓	✓	-
Built-in backup-restore support	-	-	-	-	-	-	✓
Automatic device MAC address registration	✓	✓	✓	✓	✓	✓	✓
Online activation	-	✓	✓	✓	✓	✓	✓
Offline activation	-	✓	✓	-	✓	✓	✓
Viewing clients							
Maximum number of clients	1	5	5	5	Unlimited	Unlimited	Unlimited
Customizable access port	✓	✓	✓	✓	✓	✓	✓
Support NAT firewalls	✓	✓	✓	✓	✓	✓	✓
Multicast support	-	-	-	-	-	-	✓
6: Only client UI language localized. Mobile server UI and documentation not available	✓	✓	✓	✓	✓	✓	-
Local Windows account database support	✓	✓	✓	✓	✓	✓	✓
Microsoft active directory support	-	-	-	-	-	✓	✓
Single step installer	✓	✓	✓	✓	✓	✓	-
(installs XProtect Smart Client together with server)							
XProtect Smart Wall application add-on²							
Supports XProtect Smart Wall video wall add-on	-	-	-	-	-	-	✓
Number of XProtect Smart Walls and Smart Wall disolavs	-	-	-	-	-	-	Unlimited
Number of concurrent video streams	-	-	-	-	-	-	Unlimited
Maximum number of video streams per display	-	-	-	-	-	-	100
Presets for display layouts and camera content	-	-	-	-	-	-	✓
Rule based control of layout and content	-	-	-	-	-	-	✓
User control of layout and content	-	-	-	-	-	-	✓

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Alarms and notification							
Event at camera communication failure	✓	✓	✓	✓	✓	✓	✓
Alarm at disk full	✓	✓	✓	✓	✓	✓	✓
Email notification	✓	✓	✓	✓	✓	✓	✓
SMS notification	-	-	-	-	✓	✓	-
Multiple notification profiles	-	-	-	-	-	-	✓
SNMP trap	-	-	-	-	-	-	✓
Logging							
System logging	✓	✓	✓	✓	✓	✓	✓
Event logging	✓	✓	✓	✓	✓	✓	✓
Audit logging	✓	✓	✓	✓	✓	✓	✓
Rule logging	-	-	-	-	-	-	✓
Languages							
Portuguese (Brazilian)	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁸
Chinese (Simplified)	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁸
Chinese (Traditional)	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁸
Danish	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁸
English	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁸
French	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁸
German	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁸
Italian	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁸
Japanese	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁸
Russian	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁸
Spanish	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁷	✓ ⁸

- 1: Not full Alarm Management functionality. Please refer to Alarm Management section
- 2: XProtect Smart Wall subject to separate application license
- 3: No more than 4 USB cameras can be added.
- 4: For installations with more than 250 cameras, Milestone recommends XProtect Corporate
- 5: Information accurate as per March 2012. Actual number is expected to increase over time.
- 6: Actual effective storage available will vary dependent on the stored video format and resolution
- 7: Help system and in English only
- 8: Installation and UI. Help system and in English only

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Clients



Access Client	XProtect Remote Client							XProtect Smart Client							XProtect Mobile Client							
Current Client Version	-	3.7	3.7	3.7	3.7	3.7	3.8	6.0	6.0	6.0	6.0	6.0	6.0	7.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
XProtect Platform	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	

Live View	XProtect Remote Client							XProtect Smart Client							XProtect Mobile Client								
Number of view layouts	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Maximum View Items per view	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100
Optimized view layouts for 4:3 and 16:9 display ratios	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Corridor optimized view layouts	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Optimized view layouts for landscape and portrait displays	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Cameras from multiple servers	-	-	-	-	✓	✓	✓	-	-	-	-	✓	✓	✓	-	-	-	-	✓	✓	✓	-	-
Shared views	-	-	-	-	✓	-	-	-	-	-	✓	-	-	-	-	-	-	-	✓	-	-	-	-
Private views	-	-	-	-	✓	-	-	-	-	-	✓	-	-	-	-	-	-	-	✓	-	-	-	-
XProtect Smart Wall views ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-
Images in views	-	-	-	-	✓	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Active HTML pages in views	-	-	-	-	✓	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Hide HTML toolbar	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Hotspot in views	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Carousel in views	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Controllable carousel	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Virtual Matrix in views	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Overlay buttons	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Full screen mode	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	✓
Display views as floating window	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
Display views on multiple monitors	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
Initial default view	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	✓
Camera Navigator	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-
Automatic restore views and Windows at login	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	✓
Update on motion only	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-

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XProtect Comparison Chart

Clients



Access Client	XProtect Remote Client							XProtect Smart Client							XProtect Mobile Client							
	-	3.7	3.7	3.7	3.7	3.7	3.8	6.0	6.0	6.0	6.0	6.0	6.0	7.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
Current Client Version																						
XProtect Platform	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	
One-way audio support	-				-						✓											
Two-way audio support	-				-			-	-	-	-	✓	✓	✓								
Audible alerts by VMD or event	-				-						✓											
Start recording in view	-				-						✓											
Independent playback in live mode	-				-						✓											
Change camera online in view	-				-						✓											
Send camera to Virtual Matrix	-				-			-	-	-	-	✓	✓	✓								
Share video image	-				-			Copy to clipboard							Via available communication applications (email, etc.)							
Assign commands to keyboard shortcuts and joystick buttons	-				-						✓											
Switch to camera by number	-				-						✓											
PTZ support																						
Go to preset positions	-				✓						✓											✓
Pause patrolling at manual operation	-				-			-	-	✓	✓	✓	✓	✓								
Grandeye 360° Quad View	-				✓						✓											
Immervision Enables® panomorph lens support	-				-						✓											
Joystick support	-				✓						✓											
Auxiliary commands (wash and wipe)	-				-						✓											
I/O and events																						
Manually activate events	-				✓						✓											
Manually trigger outputs	-				✓						✓											

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Clients



Access Client	XProtect Remote Client							XProtect Smart Client							XProtect Mobile Client							
	-	3.7	3.7	3.7	3.7	3.7	3.8	6.0	6.0	6.0	6.0	6.0	6.0	7.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
Current Client Version	-	3.7	3.7	3.7	3.7	3.7	3.8	6.0	6.0	6.0	6.0	6.0	6.0	7.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
XProtect Platform	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	
Playback																						
Maximum view items per view	-			16							100							1				
Recording search	-			-							✓							-				
Time/date search	-			✓							✓							✓				
Smart search	-			-				-	-	-	✓	✓	✓	✓				-				
Independent playback in playback mode	-			-							✓							-				
Event/alert list in recording	-			✓							✓							-				
Graphical timeline	-			-							✓							-				
Adjust playback speed	-			✓							✓							✓				
Single step	-			✓							✓							✓				
One-way audio support	-			-							✓							-				
Two-way audio support	-			-				-	-	-	✓	✓	✓	✓				-				
Digital zoom	-			-							✓							✓				
Share video image	-			-							Copy to clipboard				via available communication applications (email, etc.)							
Print report with comments	-			✓							✓							-				
Privacy masking	-			-							✓							✓				
Sequence Explorer																						
Listing of sequences	-			-							✓							-				
Listing of time intervals	-			-							✓							-				
Listing of bookmarks	-			-							-			✓				-				
Dedicated Sequence Explorer tab that can be displayed as floating window	-			-							-			✓				-				
Bookmark function																						
Manual bookmarking (quick bookmarking and bookmarking with details)	-			-							-			✓				-				
Instant preview of bookmarks in timeline	-			-							-			✓				-				
Listing and previewing of bookmarks in recording search	-			-							-			✓				-				
Print Bookmark report	-			-							-			✓				-				
Direct video export of bookmark	-			-							-			✓				-				

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XProtect Comparison Chart

Clients



Access Client	XProtect Remote Client							XProtect Smart Client							XProtect Mobile Client						
	-	3.7	3.7	3.7	3.7	3.7	3.8	6.0	6.0	6.0	6.0	6.0	6.0	7.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Current Client Version	-	3.7	3.7	3.7	3.7	3.7	3.8	6.0	6.0	6.0	6.0	6.0	6.0	7.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
XProtect Platform	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate
Alarm Manager																					
Alarm list in live and playback views	-				-			-				✓									-
Extensive sort and filtering functions	-				-			-				✓									-
Instant preview of primary camera and related cameras	-				-					-			✓	✓							-
Manage alarms (reassign, change status, comment)	-				-					-			✓	✓							-
Integration with Map Function	-				-					-			✓	✓							-
Alarm description/work instructions	-				-					-			✓	✓							-
Escalation and forwarding handling	-				-					-			✓	✓							-
Print alarm report	-				-					-			✓	✓							-
Alarm location maps in alarm list	-				-					-				✓							-
Combined access to live and playback video	-				-					-				✓							-
Alarm handling reporting	-				-					-				✓							-
Dedicated Alarm Management tab that can be displayed as floating window	-				-					-				✓							-
Map Function																					
Standard graphical file formats supported for maps	-				-					-			✓	✓							-
Number of linked map layers supported	-				-					-			Unlimited								-
Video preview at mouse over	-				-					-			✓	✓							-
Integrated control of speakers, microphones and I/O devices components and hot zones	-				-					-			✓	✓							-
Integrated PTZ control	-				-					-			✓	✓							-
Real-time system integrity overview and system performance	-				-					-			✓	✓							-
XProtect Smart Wall application Add-on¹																					
User control of layout and content	-				-					-			✓								-
Local subscription to XProtect Smart Wall views for local display	-				-					-			✓								-

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XProtect Comparison Chart

Clients



Access Client	XProtect Remote Client							XProtect Smart Client							XProtect Mobile Client							
	-	3.7	3.7	3.7	3.7	3.7	3.8	6.0	6.0	6.0	6.0	6.0	6.0	7.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
Current Client Version																						
XProtect Platform	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	
Export																						
Export in still image format (JPEG)	-			✓				-				✓										
Export in media player format (AVI)	-			✓				✓ ²				✓										
Export with audio in media player format (AVI)	-			-				-				✓										
Export in XProtect format	-			-				-				✓										
Encryption Export w/password	-			-				-	-	-	-	✓	✓	✓								
Digital signing of exported video (XProtect format only)	-			-							-			✓								
Re-export prevention	-			-							-			✓								
Auto-Export of XProtect Smart Client - Player	-			-				-	✓	✓	✓	✓	✓	✓								
Preserve system defined privacy masks	-			-							✓											
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 (XProtect format only)	-			-							-			✓								
Pre/post comment slides (media player format only)	-			-							-			✓								
Verification of digital video signatures in XProtect Smart Client - Player	-			-							-			✓								
System Monitoring																						
Real-time and historical system status of Management Server	-			-							-			✓								
Real-time and historical system status of Recording Servers	-			-							-			✓								
Real-time and historical system status of other XProtect servers	-			-							-			✓								
Real-time and historical system status of individual cameras	-			-							-			✓								
Dedicated System Monitor tab that can be displayed as floating window	-			-							-			✓								

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XProtect Comparison Chart

Clients



Access Client	XProtect Remote Client							XProtect Smart Client							XProtect Mobile Client						
	-	3.7	3.7	3.7	3.7	3.7	3.8	6.0	6.0	6.0	6.0	6.0	6.0	7.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Current Client Version	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate
XProtect Platform																					
Installation																					
Run without installation	-			✓							-							-			
Single step installer (installs client together with server)	-			-						✓				-				-			
Initial and update installations from management server ³	-			✓							✓							-			
Notify about new updates	-			-							✓							✓			
Interactive splash screens	-			-				✓			-							-			
Authentication																					
Basic User	-			✓						✓				-			✓				-
Windows User (Local Database)	-			✓							✓							✓			
Windows User (Active Directory)	-	-	-	-	-	✓	✓			-			✓	✓			-			✓	✓
Auto-login	-			-							✓							✓			
Authorization																					
devices, etc.,)	-			✓							✓							✓			
Time schedule controlled user access to devices and functions	-			-							-			✓				-			✓
Restrict access to live view	-			✓							✓							✓			
Restrict access to PTZ	-			✓							✓							✓			
Restrict access to playback	-			✓							✓							✓			
Restrict access to export	-			✓							✓							-			
Restrict access to setup	-			✓							✓							-			
Personalization																					
Application options	-			-							✓							✓			
Centralized management of application options	-			-							-			✓				-			✓
Application theme support	-			-							-			✓				-			
Task oriented tabs	-			-							-			✓				-			

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XProtect Comparison Chart

Clients



Access Client	XProtect Remote Client							XProtect Smart Client							XProtect Mobile Client							
Current Client Version	-	3.7	3.7	3.7	3.7	3.7	3.8	6.0	6.0	6.0	6.0	6.0	6.0	7.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
XProtect Platform	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	
Languages (installation, UI and help function)																						
Arabic	-			-				✓ ⁵				✓							✓ ^b			
Bulgarian	-			-				✓ ^{4/5}				✓ ⁴							✓ ^b			
Portuguese (Brazilian)	-			-				✓ ⁵				✓							✓ ^b			
Chinese (Simplified)	-			✓ ⁴							✓								✓ ^b			
Chinese (Traditional)	-			-				✓ ⁵				✓							✓ ^b			
Czech	-			-				✓ ⁵				✓							✓ ^b			
Danish	-			✓ ⁴							✓								✓ ^b			
Dutch	-			-				✓ ⁵				✓							✓ ^b			
English	-			✓							✓								✓ ^b			
Finnish	-			-				✓ ^{4/5}				✓ ⁴							✓ ^b			
French	-			✓ ⁴							✓								✓ ^b			
German	-			✓ ⁴							✓								✓ ^b			
Hebrew	-			-				✓ ^{4/5}				✓ ⁴							✓ ^b			
Hindi	-			-				✓ ^{4/5}				✓ ⁴							✓ ^b			
Hungarian	-			-				✓ ^{4/5}				✓ ⁴							✓ ^b			

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XProtect Comparison Chart

Clients



Access Client	XProtect Remote Client							XProtect Smart Client							XProtect Mobile Client							
	Current Client Version	3.7	3.7	3.7	3.7	3.7	3.8	6.0	6.0	6.0	6.0	6.0	6.0	7.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
XProtect Platform	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	XProtect Go	XProtect Essential	XProtect Express	XProtect NVR	XProtect Professional	XProtect Enterprise	XProtect Corporate	
Italian	-			✓ ⁴							✓							✓ ⁶				
Japanese	-			✓ ⁴							✓							✓ ⁶				
Korean	-			-				✓ ⁵				✓						✓ ⁶				
Norwegian (Bokmål)	-			-				✓ ^{4/5}				✓ ⁴						✓ ⁶				
Polish	-			-				✓ ⁵				✓						✓ ⁶				
Russian	-			-				✓ ⁵				✓						✓ ⁶				
Slovakian	-			-				✓ ^{4/5}				✓ ⁴						✓ ⁶				
Spanish	-			✓ ⁴							✓							✓ ⁶				
Swedish	-			✓ ⁴				✓ ⁵				✓						✓ ⁶				
Thai	-			-				✓ ^{4/5}				✓ ⁴						✓ ⁶				
Turkish	-			-				✓ ⁵				✓						✓ ⁶				

- 1: XProtect Smart Wall subject to separate application license
- 2: Exported AVI files have Milestone logo watermark.
- 3: Image Server in XProtect Go, XProtect Essential, XProtect Express, XProtect Professional and XProtect Enterprise
- 4: Only UI is localized; user's manual and help not available
- 5: Language not included in single step installer, but only available as add-on installation.
- 6: Only client UI language localized. Mobile server UI and documentation not available

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