

XProtect Comparison Chart February 2010

Feature difference compared to lower product	XPP 6.5 compared to XPB+ 6.5	XPE 7.0 compared to XPP 6.5	XPCO 3.1 compared to XPE 7.0	
Product Name & version	XProtect Basis+ 6.5	XProtect Professional 6.5	XProtect Enterprise 7.0	XProtect Corporate 3.1
Feature Overview				
Feature Scope	Basic	Advanced	Comprehensive	Premium
Live View 30+ FPS	◆	◆	◆	◆
Device Control (PTZ)	◆	◆	◆	◆
Recording and Playback	◆	◆	◆	◆
Archiving Schedules	Daily	Hourly	Hourly	Unlimited
I/O and Event Control	◆	◆	◆	◆
PTZ Patrolling and Scanning	-	◆	◆	◆
Audio Support	◆	◆	◆	◆
Audio Recording	◆	◆	◆	◆
Client Access (Max. Clients)	1	Unlimited	Unlimited	Unlimited
Evidence Export Formats	JPEG, AVI	JPEG, AVI, Native Database	JPEG, AVI, Native Database	JPEG, AVI, Native Database
Microsoft Active Directory Support	-	-	◆	◆
Centralized Management	-	-	-	◆
Full Client (Smart Client)	◆	◆	◆	◆
Web Client (Remote Client)	◆	◆	◆	◆
Mobile Client (PDA Client)	-	◆	◆	-
Map function	-	-	-	◆
Supports Smart Wall video wall add-on ¹	-	-	-	◆
Virtual Matrix	-	◆	◆	◆
Transact Support	◆	◆	◆	◆
XProtect Central Support	-	◆	◆	◆
Open SDK for third party application integration	-	◆	◆	◆
XProtect Analytics Framework	-	◆	◆	◆
Multiple Servers per System	-	-	◆	◆
Max. Cameras per System	25	64	Unlimited	Unlimited
Recording Server Failover	-	-	-	◆
Multicast Support	-	-	-	◆
Multiple Stream Per Camera (Multistream)	-	-	-	◆
Device License Packages	6, 9, 16, 25	Open	Open	Open
Multi-CPU support	◆	◆	◆	◆
IPv4 support	◆	◆	◆	◆
IPv6 support	-	-	-	◆
Product Upgrade	◆	◆	◆	-
Product Maintenance Agreement	-	◆	◆	◆

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Installation Environments				
Small-Office Home-Office	◆	◆	-	-
Small-to-Medium-Sized Business	◆	◆	◆	◆
Enterprises	-	-	◆	◆
Modules				
Recording Server	◆	◆	◆	◆
Recording Failover Server	-	-	-	◆
Management Server	-	-	-	◆
Management Failover Server	-	-	-	◆
Local Management Console (Management Application)	◆	◆	◆	-
Recording Server Manager	◆	◆	◆	◆
Remote Management Console (Management Client)	-	-	-	◆
Management Server Portal (Download Manager)	◆	◆	◆	◆
Local Playback/Export Client (Viewer)	◆	◆	◆	-
Full Client (Smart Client)	◆	◆	◆	◆
Standard Client (Remote Client)	◆	◆	◆	◆
Mobile Client (PDA Client)	-	◆	◆	-

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System				
MJPEG Support	◆	◆	◆	◆
MPEG-4 Support	◆	◆	◆	◆
MPEG-4 ASP Support	◆	◆	◆	◆
MxPEG Support	◆	◆	◆	◆
H.264 Support	◆	◆	◆	◆
Support for ONVIF™ Compliant Devices	◆	◆	◆	◆
Support for PSIA Compliant Devices	◆	◆	◆	◆
Generic Device support via Universal Driver	◆	◆	◆	◆
Number IP Device Brands ² Supported via Dedicated Device	79	79	79	45
Number of dedicated IP Device Models ² supported via Dedicated Device Integration	780	780	780	512
Supported DVRs ²	-	-	2	-
Bandwidth-optimized Differentiated Streaming	-	◆	◆	◆
Multiple Stream Per Camera	-	-	-	◆
Multicast	-	-	-	◆
Max. Recording Servers per System	1	1	Unlimited	Unlimited
Recording Server Failover	-	-	-	◆
Devices Installed per Server	6, 9, 16 or 25	64	Unlimited	Unlimited
Devices Recording per Server	25	64	64	Unlimited
Send camera pre-alarm images to Recording Server	◆	◆	◆	◆
Video Recording Speed Up	On Motion or Event	On Motion or Event	On Motion, Event and Time Schedule	On Motion, Event and Time Schedule
Built-in Video Motion Detection (VMD)	◆	◆	◆	◆
VMD Exclusion Zones	◆	◆	◆	◆
Video Motion Detections per Server	25	64	64	Unlimited
Recording Capacity Per Device/Day	960 GB (Usina Archivina)	960 GB (Usina Archivina)	960 GB (Usina Archivina)	Unlimited
Audio				
One-way Audio Support	◆	◆	◆	◆
Two-way Audio Support	-	◆	◆	◆
One-way Audio Recording	◆	◆	◆	◆
Two-way Audio Recording	-	-	-	◆
Supported Audio Channels	1	Multiple	Multiple	Multiple

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PTZ				
Preset Positions per camera	25	50	50	Unlimited
Goto Preset on Event	◆	◆	◆	◆
Preset Patrolling	-	◆	◆	◆
Combine Patrolling and Goto Preset on Event	-	◆	◆	◆
Scanning (moving slowly)	-	◆	◆	◆
User Priority	-	-	-	◆
Wash and Wipe Command Support	◆	◆	◆	-
I/O and Events				
Input Events	◆	◆	◆	◆
Motion Detection Events	◆	◆	◆	◆
Event-based Device Configuration	-	-	-	◆
Event-based Alerts	-	-	-	◆
Event-based Notification	◆	◆	◆	◆
Event-based Output Control	◆	◆	◆	◆
Event-based Device Start/Stop	◆	◆	◆	◆
Event-based Matrix Control	-	◆	◆	◆
Hardware configurable events (such as tampering, temperature, video lost)	◆	◆	◆	◆
OPC Data Access Support	-	-	◆	-
Archiving				
Archiving of Recordings	◆	◆	◆	◆
Keep Online Access to Archives	◆	◆	◆	◆
Parallel Archiving and Recording	◆	◆	◆	◆
Archiving Schedules	Hourly	Hourly	Hourly	Unlimited
Retention Time per Device	-	◆	◆	◆
Archiving Schedule per Device	-	-	-	◆
Archiving to Network Drives	-	◆	◆	◆
Dynamic Archiving (Disk Spanning)	-	◆	◆	-
Force Automatic Archiving	◆	◆	◆	-

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Integration				
Video Content Analysis Support	-	◆ (Add-on Product)	◆ (Add-on Product)	◆ (Add-on Product)
Recording Server API/SDK	-	◆	◆	◆
Client Plug-in Support	-	◆	◆	◆
User Defined Events via TCP/IP	-	-	-	◆
Generic Events via TCP/IP	-	◆	◆	-
OPC Data Access Support	-	-	◆	-
Management				
Configuration Wizards	-	-	◆	◆
Automatic Device Scanning	-	-	◆	◆
Automatic Device Model Detection	◆	◆	◆	◆
Centralized Device Management	-	-	-	◆
Device Group Support	-	-	-	◆
Centralized Recording Server Management	-	-	-	◆
Centralized User Management	-	-	◆ (only Active Directory)	◆
On-the-fly configuration changes	-	-	-	◆
Run Servers as Windows Services	◆	◆	◆	◆
Scheduled Start/Stop of Devices	◆	◆	◆	◆
System Configuration Restore Points	-	-	◆	-
Export and import of configuration data	-	-	◆	-
Adaptable application behavior	-	-	◆	-
Configure				
Basic Event Rule System	◆	◆	◆	-
Advanced Event Rule System	-	-	-	◆
Multiple Time Profiles	-	-	-	◆
Automatic Device MAC Address Registration	-	-	-	◆
Online Activation	-	-	-	◆
Offline Activation	◆	◆	◆	◆
Viewing clients				
Max. Number of Clients	5	Unlimited	Unlimited	Unlimited
Customizable Access Port	◆	◆	◆	◆
Support NAT Firewalls	◆	◆	◆	◆
Multicast Support	-	-	-	◆
Local Proprietary Account Database Support	◆	◆	◆	-
Local Windows Account Database Support	◆	◆	◆	◆
Microsoft Active Directory Support	-	-	◆	◆

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Smart Wall Application Add-On¹				
Supports Smart Wall video wall add-on	-	-	-	◆
Number of Smart Walls and Smart Wall displays	-	-	-	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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Alerting and Notification				
Alert at Camera Com. Failure	◆	◆	◆	◆
Alert at Disk Full	◆	◆	◆	◆
E-mail Notification	◆	◆	◆	◆
SMS Notification	-	◆	◆	-
Multiple Notification Profiles	-	-	-	◆
SNMP Notification	-	-	-	◆
Logging				
System Logging	◆	◆	◆	◆
Event Logging	◆	◆	◆	◆
Audit Logging	◆	◆	◆	◆
Rule Logging	-	-	-	◆
Alert Logging	-	-	-	◆
Languages (Installation and UI. Help system and in English)				
Danish	◆	◆	◆	-
Chinese (Simplified)	◆	◆	◆	-
English	◆	◆	◆	◆
French	◆	◆	◆	-
German	◆	◆	◆	-
Italian	◆	◆	◆	-
Japanese	◆	◆	◆	-
Spanish	◆	◆	◆	-

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Access Client	XProtect Remote Client				XProtect Smart Client			
	3.5	3.5	3.6	3.6	3.6	3.6	4.0	5.0
	XPB+	XPP	XPE	XPCO	XPB+	XPP	XPE	XPCO
Live view								
Number of view layouts		7			15	15	32	32
Max Cameras Per View		16			64	64	100	100
Optimized view layouts for 4:3 and 16:9 display ratios		-			-	-	◆	◆
Cameras from multiple servers	-	-	◆	◆	-	-	◆	◆
Server-based Groups and Views		◆					◆	
Shared views		◆					◆	
Private views		◆					◆	
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		-			-	-	-	◆
Show Views as Floating Window		-			-	◆	◆	◆
Show Views on multiple monitors		-			-	◆	◆	◆
Automatic Restore Views and Windows at Login		-					◆	
Update On Motion Only		-					◆	
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		-			-	◆	◆	◆
Copy image to clipboard		-					◆	
Assign commands to keyboard shortcuts and joystick buttons		-					◆	
Switch to Camera by Number		-					◆	

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Access Client	XProtect Remote Client				XProtect Smart Client			
	3.5	3.5	3.6	3.6	3.6	3.6	4.0	5.0
Current Client Version	3.5	3.5	3.6	3.6	3.6	3.6	4.0	5.0
XProtect Platform	XPB+	XPP	XPE	XPCO	XPB+	XPP	XPE	XPCO
PTZ Support								
Manual mode		◆					◆	
Point and click control		◆					◆	
Zoom into marked rectangle		◆					◆	
Zoom using mouse wheel		◆					◆	
Digital zoom		-					◆	
Goto Preset Positions		◆					◆	
Pause patrolling at Manual Operation	-	◆	◆	◆	-	◆	◆	◆
Grandeye 360° Quad View		◆					◆	
Joystick support		◆					◆	
Auxiliary Commands (wash and wipe)		-			◆	◆	◆	-
I/O and Events								
Manually activate events		◆					◆	
Manually trigger outputs		◆					◆	
Playback								
Max Cameras Per View		16			64	64	100	100
Motion Search		◆					◆	
Time/Date Search		◆					◆	
Smart Search		-			-	◆	◆	◆
Independent playback in playback mode		-			-	-	-	◆
Event list in Recording		◆					◆	
Event Preview Window		-					◆	
Graphical Timeline		-					◆	
Adjust Playback Speed		◆					◆	
Single Step		◆					◆	
One-way Audio support		-					◆	
Two-way Audio support		-			-	◆	◆	◆
Digital zoom		-					◆	
Print Image		◆					◆	
Print Report w/Comments		◆					◆	
Sequence Explorer								
Listing of Sequences		-			-	-	-	◆
Listing of Time Intervals		-			-	-	-	◆

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Access Client	XProtect Remote Client				XProtect Smart Client			
	3.5	3.5	3.6	3.6	3.6	3.6	4.0	5.0
XProtect Platform	XPB+	XPP	XPE	XPCO	XPB+	XPP	XPE	XPCO
Map Function								
Standard graphical file formats supported for import of maps			-		-	-	-	◆
Number of linked map layers supported			-		-	-	-	Unlimited
Video preview at mouse over			-		-	-	-	◆
Integrated control of speakers, microphones and I/O devices			-		-	-	-	◆
Drag-and-drop and point-and-click definition of system components and hotzones			-		-	-	-	◆
Integrated PTZ control			-		-	-	-	◆
Real-time system integrity overview and system performance			-		-	-	-	◆
Smart Wall Application Add-On¹								
User control of layout and content			-		-	-	-	◆
Local subscription to Smart Wall views for local display			-		-	-	-	◆

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	3.5	3.5	3.6	3.6	3.6	3.6	4.0	5.0
	XPB+	XPP	XPE	XPCO	XPB+	XPP	XPE	XPCO
Export								
Export as JPEG		◆					◆	
Export as AVI		◆					◆	
Export AVI w/Audio		-			-	◆	◆	◆
Export as Native Database		-			-	◆	◆	◆
Encryption Export w/password		-			-	◆	◆	◆
Auto-Export of Viewer		-			-	◆	◆	◆
Communication								
Connect to Multiple Servers			◆	◆	-	-	◆	◆
Installation								
Run without Installation		◆					-	
Initial and update installations from Management Server (Image Server in XPE)		◆					◆	
Notify about new Updates		-					◆	
Authentication								
Basic User		◆			◆	◆	◆	-
Windows User (Local Database)		◆					◆	
Windows User (Active Directory)	-	-	◆	◆	-	-	◆	◆
Auto-Login		-					◆	
Authorization								
Restrict user access by devices (cameras, microphones, I/O devices, etc,)		◆					◆	
Restrict access to live view		◆					◆	
Restrict access to PTZ		◆					◆	
Restrict access to playback		◆					◆	
Restrict access to export		◆					◆	
Restrict access to setup		◆					◆	
Personalization								
Application options		-			-	-	-	◆

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	3.5	3.5	3.6	3.6	3.6	3.6	4.0	5.0
	XPB+	XPP	XPE	XPCO	XPB+	XPP	XPE	XPCO
Languages (Installation, UI and Help function)								
Arabic		-					◆	
Chinese (Simplified)		◆					◆	
Chinese (Traditional)		-					◆	
Czech		-					◆	
Danish		◆					◆	
Dutch		-					◆	
English		◆					◆	
Finnish		-			-	-	-	◆ ²
French		◆					◆	
German		◆					◆	
Hungarian		-					◆ ²	
Italian		◆					◆	
Japanese		◆					◆	
Korean		-					◆	
Polish		-					◆	
Russian		-					◆	
Slovakian		-					◆ ²	
Spanish		◆					◆	
Swedish		◆					◆	
Turkish		-					◆	

Notes:

- XPB+: XProtect Basis+
- XPP: XProtect Professional
- XPE: XProtect Enterprise
- XPCO: XProtect Corporate

1: Smart Wall subject to separate application license

2: Only UI is localized; user's manual and help not available