Feature difference compared to lower product			XPES 1.0 compared to XPGO	XPP 7.0 compared to XPES 1.0	XPE 7.0 compared to XPP 7.0	XPCO 3.1 compared to XPE 7.0
Product Name & version	XProtect Go 1.0	XProtect Basis+ 6.5	Xprotect Essential 1.0	XProtect Professional 7.0	XProtect Enterprise 7.0	XProtect Corporate 3.1
Feature Overview						
Feature Scope	Fundamental	Basic	Essential	Advanced	Comprehensive	Premium
Live View 30+ FPS	<b>♦</b>	♦	♦	◆	•	•
Device Control (PTZ)	<b>♦</b>	•	•	•	•	◆
Recording and Playback	◆	•	•	•	•	•
Archiving Schedules	Hourly	Hourly	Hourly	Hourly	Hourly	Unlimited
I/O and Event Control	♦ '	♦ '	♦ '	♦ '	♦ '	•
PTZ Patrolling and Scanning/Transition speed	-	-	-	•	•	•
Audio Support	•	•	•	•	•	•
Audio Recording	•	•	•	♦	•	•
Client Access (Max. Clients)	1	5	5	Unlimited	Unlimited	Unlimited
Evidence Export Formats	AVI with watermark	JPEG, AVI	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)	-	-	-	◆	•	-
Display views as floating window and on multiple monitors	-	-	-	<b>•</b>	•	•
Map function	-	-	-	-	-	•
Supports Smart Wall video wall add-on <sup>1</sup>	-	-	-	-	-	•
Virtual Matrix	-	-	-	•	•	•
Transact Support	-	•	•	•	•	•
XProtect Central Support	-	-	-	•	•	•
Open SDK for third party application integration	-	-	-	•	•	•
XProtect Analytics Framework	-	-	-	<b>•</b>	•	◆
Multiple Servers per System	-	-	-	-	•	•
Max. Cameras per System	8 <sup>2</sup>	25	26	64	Unlimited	Unlimited
Recording Server Failover	-	-	-	-	-	•
Multicast Support	-	-	-	-	-	•
Multiple Stream Per Camera (Multistream)	-	-	-	-	-	•
Device License Packages	Free	4, 6, 9, 16, 25	Open	Open	Open	Open
Multi-CPU support	•	•	•	•	•	•
IPv4 support	•	•	•	•	•	•
IPv6 support	-	-	-	-	-	•
Product Upgrade	-	•	•	•	•	-
Product Maintenance Agreement	-	-	♦	•	•	•



Feature difference compared to lower product			XPES 1.0 compared to XPGO	XPP 7.0 compared to XPES 1.0	XPE 7.0 compared to XPP 7.0	XPCO 3.1 compared to XPE 7.0
Product Name & version	XProtect Go 1.0	XProtect Basis+ 6.5	Xprotect Essential 1.0	XProtect Professional 7.0	XProtect Enterprise 7.0	XProtect Corporate 3.1
Installation Environments						
Resedential	◆	◆	-	-	-	-
Small-Office Home-Office	•	<b>♦</b>	<b>♦</b>	-	-	-
Small-to-Medium-Sized Business	-	<b>♦</b>	◆	•	•	◆
Enterprises	-	-	-	-	•	<b>♦</b>
Modules						
Recording Server	•	<b>♦</b>	◆	◆	◆	<b>♦</b>
Recording Failover Server	-	-	-	-	-	<b>♦</b>
Management Server	-	-	-	-	-	•
Management Failover Server	-	-	-	-	-	<b>♦</b>
Local Management Console (Management Application)	•	•	*	•	*	-
Recording Server Manager	•	<b>♦</b>	•	•	•	•
Remote Management Console (Management Client)	-	-	-	-	-	•
Management Server Portal (Download Manager)	-	•	•	•	•	•
Local Playback/Export Client (Viewer)	-	•	•	<b>♦</b>	*	-
Full Client (Smart Client)	•	•	*	•	•	•
Standard Client (Remote Client)	-	*	•	•	*	•
Mobile Client (PDA Client)	-	-	-	•	*	-



Feature difference compared to lower product			XPES 1.0 compared to XPGO	XPP 7.0 compared to XPES 1.0	XPE 7.0 compared to XPP 7.0	XPCO 3.1 compared to XPE 7.0
Product Name & version	XProtect Go 1.0	XProtect Basis+ 6.5	Xprotect Essential 1.0	XProtect Professional 7.0	XProtect Enterprise 7.0	XProtect Corporate 3.1
System						
MJPEG Support	◆	<b>♦</b>	•	◆	◆	◆
MPEG-4 Support	◆	<b>♦</b>	•	<b>♦</b>	•	◆
MPEG-4 ASP Support	◆	<b>♦</b>	•	<b>♦</b>	•	<b>♦</b>
MxPEG Support	◆	<b>♦</b>	•	<b>♦</b>	•	<b>♦</b>
H.264 Support	◆	<b>♦</b>	•	<b>♦</b>	•	<b>♦</b>
Support for ONVIF <sup>™</sup> Compliant Devices	◆	◆	•	•	•	◆
Support for PSIA Compliant Devices	◆	◆	•	◆	•	◆
Generic Device support via Universal Driver	◆	◆	•	•	◆	•
Number IP Device Brands <sup>3</sup> Supported via Dedicated Device Integration	84	84	84	84	84	54
Number of dedicated IP Device Models <sup>3</sup> supported via	922	922	922	922	922	694
Dedicated Device Integration	922	922	522	922	922	094
Supported DVRs <sup>3</sup>	-	-	-	-	2	-
Bandwidth-optimized Differentiated Streaming	-	-	-	•	◆	◆
Multiple Stream Per Camera	-	-	-	-	-	•
Multicast	-	-	-	-	-	•
Max. Recording Servers per System	1	1	1	1	Unlimited	Unlimited
Recording Server Failover	-	-	-	-	-	•
Max Devices Installed per Server	8	4, 6, 9, 16 or 25	26	64	Unlimited	Unlimited
Devices Recording per Server	8	25	26	64	64	Unlimited
Send camera pre-alarm images to Recording Server	<b>♦</b>	<b>♦</b>	•	•	•	<b>♦</b>
Video Recording Speed Up	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	8	25	26	64	64	Unlimited
Video retention time	Max. 5 days	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Recording Capacity Per Device/Day	Max. 960 GB <sup>₄</sup> (Using Archiving)	Max. 960 GB <sup>4</sup> (Using Archiving)	Max. 960 GB <sup>₄</sup> (Using Archiving)	Max. 960 GB <sup>4</sup> (Using Archiving)	Max. 960 GB <sup>4</sup> (Using Archiving)	Unlimited
Audio						
One-way Audio Support	◆	<b>♦</b>	◆	◆	◆	•
Two-way Audio Support	-	-	-	♦	•	•
One-way Audio Recording	<b>♦</b>	◆	•	◆	◆	•
Two-way Audio Recording	-	-	-	-	-	•
Supported Audio Channels	1	1	1	Multiple	Multiple	Multiple



Feature difference compared to lower product			XPES 1.0 compared to XPGO	XPP 7.0 compared to XPES 1.0	XPE 7.0 compared to XPP 7.0	XPCO 3.1 compared to XPE 7.0
Product Name & version	XProtect Go 1.0	XProtect Basis+ 6.5	Xprotect Essential 1.0	XProtect Professional 7.0	XProtect Enterprise 7.0	XProtect Corporate 3.1
PTZ						
Preset Positions per camera	25	25	25	50	50	Unlimited
Goto Preset on Event	<b>↓</b>		♦			♦
Preset Patrolling	-	-	-	•	•	•
Combine Patrolling and Goto Preset on Event	-	-	-	•	•	•
Scanning / Transition speed	-	-	-	•	•	•
User Priority	-	-	-	_	-	•
Wash and Wipe Command Support	•	•	•	•	•	-
I/O and Events						
Input Events	•	◆	•	♦	◆	◆
Interactive Splash screens						
Motion Detection Events	•	◆	•	♦	◆	◆
Event-based Device Configuration	-	-	-	-	-	•
Event-based Alerts	-	-	-	-	-	•
Event-based Notification	•	<b>♦</b>	•	<b>♦</b>	•	◆
Event-based Output Control	•	<b>♦</b>	•	<b>♦</b>	•	◆
Event-based Device Start/Stop	•	<b>♦</b>	•	<b>♦</b>	•	◆
Event-based Matrix Control	-	-	-	<b>•</b>	•	◆
Hardware configurable events (such as tampering, temperature, video lost)	•	•	•	•	•	•
OPC Data Access Support	-	-	-	-	<b>♦</b>	-
Archiving						
Archiving of Recordings	•	•	•	•	•	•
Keep Online Access to Archives	•	•	•	<b>♦</b>	•	•
Parallel Archiving and Recording	•	•	•	<b>♦</b>	•	•
Archiving Schedules	Hourly	Hourly	Hourly	Hourly	Hourly	Unlimited
Retention Time per Device	-	-	-	•	•	•
Archiving Schedule per Device	-	-	-	-	-	•
Archiving to Network Drives	-	-	-	◆	•	•
Dynamic Archiving (Disk Spanning)	-	-	-	<b>♦</b>	•	-
Force Automatic Archiving	•	<b>♦</b>	•	<b>♦</b>	•	-



Feature difference compared to lower product			XPES 1.0 compared to XPGO	XPP 7.0 compared to XPES 1.0	XPE 7.0 compared to XPP 7.0	XPCO 3.1 compared to XPE 7.0
Product Name & version	XProtect Go 1.0	XProtect Basis+ 6.5	Xprotect Essential 1.0	XProtect Professional 7.0	XProtect Enterprise 7.0	XProtect Corporate 3.1
Integration						
Video Content Analysis Support	-	-	-	(Add-on Product)	(Add-on Product)	(Add-on Product)
Recording Server API/SDK	-	-	-		(Add-off Froduct)	
Client Plug-in Support	-	-	-	•	◆	•
User Defined Events via TCP/IP	-	-	-	-	-	•
Generic Events via TCP/IP	-	-	-	•	◆	-
OPC Data Access Support	-	-	-	-	•	-
Management						
Configuration Wizards	<b>♦</b>	-	•	•	<b>♦</b>	•
Automatic Device Scanning	<b>♦</b>	-	•	•	<b>♦</b>	•
Automatic Device Model Detection	<b>♦</b>	•	◆	•	◆	•
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	<b>♦</b>	•	•	•	◆	•
System Configuration Restore Points	<b>♦</b>	-	•	•	<b>♦</b>	-
Export and import of configuration data	<b>♦</b>	-	◆	•	◆	-
Adaptable application behavior	•	-	•	•	•	-
Configure						
Basic Event Rule System	•	•	•	•	•	-
Advanced Event Rule System		-	-	-	-	•
Multiple Time Profiles	_	-	-	-	-	•
Automatic Device MAC Address Registration	-	-	-	-	-	•
Online Activation	-	-	-	-	-	•
Offline Activation	•	•	•	*	•	<b>♦</b>
Viewing clients						
Max. Number of Clients	1	5	5	Unlimited	Unlimited	Unlimited
Customizable Access Port	<b>♦</b>	•	•	<b>♦</b>	◆	•
Support NAT Firewalls	•	•	•	<b>♦</b>	◆	•
Multicast Support	-	-	-	-	-	•
Local Proprietary Account Database Support	•	•	•	•	•	-
Local Windows Account Database Support	•	•	•	•	•	•
Microsoft Active Directory Support						•

milestone

Feature difference compared to lower product			XPES 1.0 compared to XPGO	XPP 7.0 compared to XPES 1.0	XPE 7.0 compared to XPP 7.0	XPCO 3.1 compared to XPE 7.0
Product Name & version	XProtect Go 1.0	XProtect Basis+ 6.5	Xprotect Essential 1.0	XProtect Professional 7.0	XProtect Enterprise 7.0	XProtect Corporate 3.1
Single step installer (installs Smart Client together with server)	•	-	-	-	-	-
Smart Wall Application Add-On <sup>1</sup>						
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	-	-	-	-	-	•



Feature difference compared to lower product			XPES 1.0 compared to XPGO	XPP 7.0 compared to XPES 1.0	XPE 7.0 compared to XPP 7.0	XPCO 3.1 compared to XPE 7.0
Product Name & version	XProtect Go 1.0	XProtect Basis+ 6.5	Xprotect Essential 1.0	XProtect Professional 7.0	XProtect Enterprise 7.0	XProtect Corporate 3.1
Alerting and Notification						
Alert at Camera Com. Failure	<b>♦</b>	<b>♦</b>	◆	◆	♦	<b>♦</b>
Alert at Disk Full	•	<b>♦</b>	<b>♦</b>	<b>♦</b>	•	<b>♦</b>
E-mail Notification	<b>♦</b>	<b>♦</b>	<b>♦</b>	•	•	<b>♦</b>
SMS Notification	-	-	-	•	<b>♦</b>	-
Multiple Notification Profiles	-	-	-	-	-	<b>♦</b>
SNMP Notification	-	-	-	-	-	•
Logging						
System Logging	◆	◆	<b>♦</b>	•	•	<b>♦</b>
Event Logging	◆	◆	<b>♦</b>	•	•	•
Audit Logging	<b>♦</b>	◆	<b>♦</b>	◆	•	•
Rule Logging	-	-	-	-	-	♦
Alert Logging	-	-	-	-	-	•
Languages (Installation and UI. Help system and in English only)						
Danish	•	•	◆	•	•	-
Chinese (Simplified)	•	•	<b>♦</b>	•	•	-
English	•	•	•	•	•	•
French	•	•	•	•	•	-
German	•	•	•	•	•	-
Italian	•	•	•	•	<b>♦</b>	-
Japanese	•	•	•	•	<b>♦</b>	-
Spanish	•	◆	◆	◆	<b>♦</b>	-



Access Client			XP Remo	1	1		XProt Smart (					
Current Client Version	-	3.5	3.6	3.6		3.6	1.0	3.6	5.0	5.0	5.0	5.0
XProtect Platform	XPGO	XPB+	XPES	XPP	XPE	ХРС	XPGO	XPB+	XPES	XPP	XPE	XPCO
Live view												
Number of view layouts	-			7			32	15	32	32	32	32
Max View Items Per View	-			16			100	64	100	100	100	100
Optimized view layouts for 4:3 and 16:9 display rations	-			-			-	-	•	•	•	•
Cameras from multiple servers	-	-	-	-	•	•	-	-	-	•	•	-
PTZ Patrolling and Scanning/Transition speed	-			•					•			
Shared views	-			•					•			
Private views	-			•					•			
Smart Wall views <sup>1</sup>	-			-			-	-	-	-	-	•
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	-			-			•	-	-	-	-	-
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	-			-			•	_	•	٠	٠	•
Change Camera Online in View	-			_					•	•	·	
Send Camera to Virtual Matrix	-			_				-	-	٠	٠	•
Copy image to clipboard	-			-					•	•	•	•
Assign commands to keyboard shortcuts and joystick buttons	_			-					•			
									•			
Switch to Camera by Number	-			-					•			



Access Client		XProtect Remote Client							XPro Smart			
Current Client Version	-	3.5	3.6	3.6	3.6	3.6	1.0	3.6	5.0	5.0	5.0	5.0
XProtect Platform	XPGO	XPB+	XPES	XPP	XPE	ХРС	XPG	O XPB+	XPES	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 View Items Per View	-			16			100	64	100	100	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	-			-			•	-	•	٠	٠	•
Listing of Time Interwals	-			-			•	-	•	٠	•	•



Access Client		XProtect Remote Client							XProtect Smart Client						
Current Client Version	-	3.5	3.6	3.6	3.6	3.6		1.0	3.6	5.0	5.0	5.0	5.0		
XProtect Platform	XPGO	XPB+	XPES	XPP	XPE	XPC		XPGO	XPB+	XPES	XPP	XPE	XPCO		
Map Function															
Standard graphical file formats supported for import of maps	-			-				-	-	-	-	-	•		
Number of linked map layers supported	-			-				-	-	-	-	-	Unlimite		
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-On <sup>1</sup>															
User control of layout and content	-			-				-	-	-	-	-	•		
Local subscription to Smart Wall views for local display	-			-				-	-	-	-	-	•		



Access Client			XP		XProtect							
			Remo	ote Clie	ent				Smart (	Client		
Current Client Version	-	3.5	3.6	3.6	3.6	3.6	1.0	3.6	5.0		5.0	5.0
XProtect Platform	XPGO	XPB+	XPES	XPP	XPE	XPC	XPGO	XPB+	XPES	XPP	XPE	XPCO
Export												
Export as JPEG	-			•			-			•		
Export as AVI	-			•			<b>♦</b> <sup>2</sup>			•		
Export AVI w/Audio	-			-			-	-	-	•	•	•
Export as Native Database	-			-			-	-	-	•	•	•
Encryption Export w/password	-			-			-	-	-	•	•	•
Auto-Export of Viewer	-			-			-	-	-	•	•	•
Communication												
Scanning / Transition speed	-	-	-	-	•	•	-	-	-	•	•	-
Installation												
Run without Installation	-			•					-			
Single step installer (installs client together with server)	-			-			•			-		
Initial and update installations from Management Server (Image Server in XPE)	-			•					•			
Notify about new Updates	-			-					•			
Interactive splash screens	-						•			-		
Authentication												
Basic User	-			•			•	•	•	٠	•	-
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	-			-			•	-	•	٠	•	•



Access Client			1		XPro Smart							
Current Client Version	-	3.5	3.6	3.6	3.6	3.6	1.0	3.6	5.0	5.0	5.0	5.0
XProtect Platform	XPGO		XPES									XPCO
Languages (Installation, UI and Help function)												
Arabic	-			-			♦ <sup>4</sup>			•		
Chinese (Simplified)	-			<b>♦</b> <sup>3</sup>					•			
Chinese (Traditional)	-			-			<b>♦</b> <sup>4</sup>			•		
Czech	-			-			<b>♦</b> <sup>4</sup>			•		
Danish	-			<b>♦</b> <sup>3</sup>					•			
Dutch	-			-			<b>♦</b> <sup>4</sup>			•		
English	-			•					•			
Finnish	-			-			♣ <sup>3,4</sup>	-	<b>♦</b> <sup>3</sup>	<b>♦</b> <sup>3</sup>	<b>♦</b> <sup>3</sup>	<b>♦</b> <sup>3</sup>
French	-			<b>♦</b> <sup>3</sup>					•			
German	-			<b>♦</b> <sup>3</sup>					•			
Hungarian	-			-			♣ <sup>3,4</sup>	-	<b>♦</b> <sup>3</sup>	<b>♦</b> <sup>3</sup>	<b>♦</b> <sup>3</sup>	<b>♦</b> <sup>3</sup>
Italian	-			<b>♦</b> <sup>3</sup>					•			
Japanese	-			<b>♦</b> <sup>3</sup>					•			
Korean	-			-			<b>♦</b> <sup>4</sup>			•		
Polish	-			-			<b>♦</b> <sup>4</sup>			•		
Russian	-			-			<b>♦</b> <sup>4</sup>			•		
Slovakian	-			-			<b>♦</b> <sup>3,4</sup>			<b>♦</b> <sup>3</sup>		
Spanish	-			<b>♦</b> <sup>3</sup>					•			
Swedish	-			<b>♦</b> <sup>3</sup>			<b>♦</b> <sup>4</sup>			•		
Turkish	-			-			<b>♦</b> <sup>4</sup>			•		

Notes: XPGO: Xprotect Go XPB+: XProtect Basis+ XPES: XProtect Essential XPP: XProtect Professional XPE: XProtect Enterprise XPCO: XProtect Corporate

1: Smart Wall subject to separate application license

2: Exported AVI files have Milestone logo watermark.

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

4: Language not included in single step installer, but only available as addon installation.



Access Client	XProtect						XProtect					
	Remote Client						Smart Client					
Current Client Version	-	3.5	3.6	3.6	3.6	3.6	1.0	3.6	5.0	5.0	5.0	5.0
XProtect Platform	XPGO	XPB+	XPES	XPP	XPE	XPC	XPGO	XPB+	XPES	XPP	XPE	XPCO

