

# Symmetry Video Management - Integration Feature Matrix

Updated 15 March 2011

v6.2 Software (with Service Pack 3 or later)

Manufacturer:	Verint	Dedicated Micros	Bosch	Pelco	Pelco	OnSSI	Milestone	OpenEye <sup>(6)</sup>	Avigilon	AXIS Network Cameras <sup>(2,12)</sup>		Bosch IP Cams <sup>(2)</sup>	Panasonic IP Cams <sup>(2)</sup>	Sony IP Cams <sup>(2)</sup>	Arecont Cameras	
Model(s) Supported:	Nextiva	New Digital Sprite 2 (DVIP)	Divar 2	DX8000v2 DX8100	DVXi RealVueExpress DSXpress	NetDVMS	Xprotect Corporate, Enterprise	X/Xr Series	Avigilon Control Center	207W, 207MW, 210, 210A, 211, 211A, 211M, 212PTZ, 213PTZ, 214PTZ, 221, 225FD, 232D, 233D, 241S, 241Q, 243SA, 291, 243Q blade	M1011, M1011W, M1031W, M3011, M7001, P1311, P3014, P3343, P3344, Q6032, Q1755, P1343, M1114, M1113, M1104, M1103, M3114-R, M3113-R, M3204, M3203, P1347, P3304, Q7406, Q6034, P5534, Q1921, Q1921-E, P3346	NWC-455, NWC-495, Gen 4 Dome	WV-NP1004, WV-NS202A, NF-NF284, NF302, NF304, NS954, NW964	SNC-RX530P/B, SNC-CS10, SNC-CS11, SNC-DF40P, SNC-DF50P, SNC-DF70P, SNC-RZ-25P	AV3105 <sup>(11)</sup>	
Software/Firmware Version Tested	v6.0 Rollup 3	04.1 (009) M2IP 03.1 (09.2) 04.5 (012) M2IP 03.1 (09.2)	2	DX8000 1.1.00.1121 2.0.00.1192 DX8100 1.1.00.2508 DX8000 EOL DX8000v2 EOL	DSAdmin: 4.0.0.40, Dsenry 4.0.0.29; RVCTL 6.1.1.32; DVXe 4.3.2	6.5e	XPC 3.0a XPE 6.5f	3.6.0.7	N/A	Varies per camera	Varies per camera	1.06 Gen4 Dome 1.09	Varies per camera	Varies per camera	65134	
	LVM EOL	Original DS2 EOL	EOL	DX8000 EOL DX8000v2 EOL	DVXi EOL				MPEG-4	MPEG-4	H.264	MPEG-4	MPEG-4	MPEG-4	H.264	
					An Integral Plug-in is available for DVR's running software DSServerVAU and DSClientAdmin 7.0.71, specifically for customers running Symmetry releases 6.1 SP6 or later.	Master/Server configuration available from Symmetry 6.1 SP6	Introduced in Symmetry 6.2 SP1		Tested with ENC-4Port F/W 4.2.0.30, 5MP HD F/W 4.2.0.28	(See Axis tab for additional details)	(See Axis tab for additional details)	(See Bosch tab for additional details)	(See Panasonic tab for additional details)	(See Sony tab for additional details)	(See Arecont tab for additional details)	
Available from AMAG Technology											✓	✓				
Multi-unit Support	✓ <sup>(6)</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
View live video in Virtual Matrix	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Video Sequencing or Camera Tour facility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Link any alarm or event with individual pre and post-alarm record times <sup>(3)</sup>	✓	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	
Fast-Forward or Skip, Rewind, Pause and Print recorded video	✓	✓ <sup>(1)</sup>	✓	✓	✓	✓	✓	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓	✓	✓	✓	✓	✓	
View associated video from the Alarm Management window based on reported alarms	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Click Map Icon to view live video	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Receive hardware generated alarms for display and to trigger commands	✓	✓	✓	✓ <sup>(8)</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
View recorded video from History Activity Report	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Full video playback available at all Symmetry system clients	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Allow PTZ control over PTZ enabled cameras	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Gen 4 Dome only	NS954 only	✓		
Snap camera to preset PTZ settings	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Gen 4 Dome only	NS954 only	✓		
Software PTZ Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓	✓	Gen 4 Dome only	NS954 only	✓		
Software PTZ Variable Angle	✓	✓ <sup>(5)</sup>	✓	✓	✓	✓	✓	✓	N/A	✓	✓	Gen 4 Dome only	NS954 only	✓		
Supports AXIS 295 and other Direct-X Joysticks	✓	✓ <sup>(5)</sup>	✓	✓	tba	tba	tba	✓	N/A	✓	✓	Gen 4 Dome only	NS954 only	✓		
Buffering for pre-alarm video <sup>(4)</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Start and Stop recording of video	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Timezone support for recording, alarms and instant replay																
Display Device Motion Alarms						✓	✓				✓	✓				
Bookmark and export video to DVD from Symmetry client PC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	
Maximum simultaneous client PC connections	N/A	5	4	3	N/A	N/A	N/A	5	N/A	N/A	N/A	N/A	2-3	36		
Maximum number of live camera connections per DVR	N/A	N/A	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

(1) Fast Forward not supported (2) See separate supported camera web page (3) Pre-event recording requires continuous recording on most DVR & IP Cameras (4) Does not require 24 x 7 recording; (5) Performance varies between cameras (6) Single server multiple i/p box support (7) v1.2 Firmware (or later) required (8) DX8100 only (10) Request separate software plug-in; (11) Arecont Vision panoramic cameras are not currently supported, Events not supported; (12) Symmetry is designed to support basic video and control functionality for all Axis MPEG-4 and H.264 cameras, but has only been tested with the listed models.

Axis Camera Support Matrix

v6.2 Software (with Service Pack 3 or later)

AXIS Camera Models	207	207W	207MW	210	210A	211	211A	211M	212PTZ	213PTZ	214PTZ	221	225FD	232D	233D	241S	241Q
Device Type:	Camera	Wireless Camera	Megapixel Wireless Camera	Camera	Camera	Camera	Camera	Megapixel Camera	PTZ Camera	PTZ Camera	PTZ Camera	Camera	Camera	Camera	Camera	Single Channel Encoder	4-Channel Encoder
Software/Firmware Version Tested	4.40.2 service release	4.4	4.40.	4.40.	4.47	4.40.2 service release	4.47	4.40.	4.35	4.35.1	4.40.	4.45.1	4.45.1	4.41	4.48	4.47	4.47
Codec Supported	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4
Model-specific Notes	Discontinued	Motion alarms not working with fw 4.44, 4.49, 4.40.2	Discontinued	Discontinued	Discontinued	Discontinued	Discontinued	Discontinued	Motion alarms not working with fw 4.44, 4.49, 4.40.2	Discontinued			Discontinued	Discontinued			
Available from AMAG Technology		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multi-unit Support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
View live video in Virtual Matrix	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video Sequencing or Camera Tour facility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Link any alarm or event with individual pre and post-alarm record times <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>
Fast-Forward or Skip, Rewind, Pause and Print recorded video	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
View associated video from the Alarm Management window based on reported alarms	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Click Map Icon to view live video	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Receive IP generated alarms for display and to trigger commands	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
View recorded video from History Activity Report	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Full video playback available at all Symmetry system clients	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Allow PTZ control over PTZ enabled cameras	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓
Snap camera to preset PTZ settings	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓
Software PTZ Acceleration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓
Software PTZ Variable Angle	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	N/A	N/A	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>
Supports AXIS 295 and other Direct-X Joysticks	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	N/A	N/A	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>
Buffering for pre-alarm video <sup>(4)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Start and Stop recording of video	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Timezone support for recording, alarms and instant replay	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Display Device Motion Alarms	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Display Device Monitor Point Alarms	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓	✓
Support for Privacy zones	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bookmark and export video to CD from Symmetry client PC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Maximum simultaneous client PC connections	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum number of live camera connections per DVR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(1) Fast Forward not supported (2) Pause not supported for recorded playback (3) Pre-event recording requires continuous recording on most DVR & IP Cameras (4) Does not require 24 x 7 recording; (5) Performance varies between cameras; (6) Single server multiple encoder box support; (7) one of each of the cameras above available for test; (8) When using the digital zoom function on the P3343/33r cameras we do not currently support Zoom Out functionality, this will be resolved with a future firmware release from these cameras from Axis. In order to zoom out it is necessary to use the camera web page or enable the auto zoom feature that returns the camera to its default position after a set time. (9) An appropriate H/W spec needs to be assessed

**Axis Camera Support Matrix**

**v6.2 Software (with Service Pack 3 or later)**

AXIS Camera Models	243SA	291	243Q	M1011	M1011W	M1031W	M3011	M7001	P1311	P3014	P3343	P3344	Q6032	Q1755	P1343	M1114	M1113
Device Type:	Single Channel Encoder	4-bay, 1U Encoder Rack	4-Channel Encoder	Megapixel Camera	Wireless Megapixel Camera	Wireless Megapixel Camera	Megapixel Camera	Single Channel Encoder	Megapixel Camera	Megapixel Camera	Megapixel Camera	Megapixel Camera	HDTV Camera	HDTV Camera	Megapixel Camera	Megapixel Camera	Megapixel Camera
Software/Firmware Version Tested	4.45		4.46	5	5	5	5.01	5.01	5.01.1	5.05	5.07	5.01	5.01	5.02	5.06	5.08.1	5.08.1
Codec Supported	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MJPEG <sup>(10)</sup> / MPEG-4	MPEG-4/ H.264	MPEG-4/ H.264	MPEG-4/ H.264	MPEG-4/ H.264	MPEG-4/ H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Model-specific Notes																	
Available from AMAG Technology	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multi-unit Support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
View live video in Virtual Matrix	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video Sequencing or Camera Tour facility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Link any alarm or event with individual pre and post-alarm record times <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>
Fast-Forward or Skip, Rewind, Pause and Print recorded video	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
View associated video from the Alarm Management window based on reported alarms	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Click Map Icon to view live video	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Receive IP generated alarms for display and to trigger commands	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
View recorded video from History Activity Report	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Full video playback available at all Symmetry system clients	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Allow PTZ control over PTZ enabled cameras	✓	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓ <sup>(8)</sup>	✓ <sup>(8)</sup>	✓	✓	✓	✓	✓
Snap camera to preset PTZ settings	✓	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓
Software PTZ Acceleration	✓	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Software PTZ Variable Angle	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓
Supports AXIS 295 and other Direct-X Joysticks	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓
Buffering for pre-alarm video <sup>(4)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Start and Stop recording of video	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Timezone support for recording, alarms and instant replay	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Display Device Motion Alarms	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Display Device Monitor Point Alarms	✓	✓	✓	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓	✓	N/A	N/A	N/A	N/A	N/A
Support for Privacy zones	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bookmark and export video to CD from Symmetry client PC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Maximum simultaneous client PC connections	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum number of live camera connections per DVR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(1) Fast Forward not supported (2) Pause not supported for record recording; (5) Performance varies between cameras; (6) Single set function on the P3343/33rr cameras we do not currently support. <sup>(2)</sup> It is necessary to use the camera web page or enable the auto zoom

**Axis Camera Support Matrix**

AXIS Camera Models	M1104	M1103	M3114-R	M3113-R	M3204	M3203	P1347	P3304	Q7406	Q6034	P5534	Q1921 Q1921-E	P3346
Device Type:	Megapixel Camera	Megapixel Camera	Megapixel Camera	Megapixel Camera	Megapixel Camera	Megapixel Camera	5 MP Camera	Megapixel Camera	6 Channel Encoder	Megapixel Camera	Megapixel Camera	Thermal Camera	Megapixel Camera
Software/Firmware Version Tested	5.08.1	5.08.1	5.11	5.11.1	5.11	5.11	5.11	5.12	5.01	5.15	5.15.1	5.11	5.2
Codec Supported	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Model-specific Notes													
							See Note (9). Viewing 2 Live streams on a medium spec'd machine can use up to 90% CPU.						
Available from AMAG Technology	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multi-unit Support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
View live video in Virtual Matrix	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video Sequencing or Camera Tour facility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Link any alarm or event with individual pre and post-alarm record times <sup>(3)</sup>	✓ (3)	✓ (3)	✓ (3)	✓ (3)	✓ (3)	✓ (3)	✓ (3)	✓ (3)	✓ (3)	✓ (3)		✓ (3)	✓ (3)
Fast-Forward or Skip, Rewind, Pause and Print recorded video	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
View associated video from the Alarm Management window based on reported alarms	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Click Map Icon to view live video	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Receive IP generated alarms for display and to trigger commands	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
View recorded video from History Activity Report	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Full video playback available at all Symmetry system clients	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Allow PTZ control over PTZ enabled cameras	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Snap camera to preset PTZ settings	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Software PTZ Acceleration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	N/A
Software PTZ Variable Angle	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Supports AXIS 295 and other Direct-X Joysticks	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Buffering for pre-alarm video <sup>(4)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Start and Stop recording of video	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Timezone support for recording, alarms and instant replay	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Display Device Motion Alarms	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Display Device Monitor Point Alarms	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Support for Privacy zones	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bookmark and export video to CD from Symmetry client PC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Maximum simultaneous client PC connections	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum number of live camera connections per DVR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(1) Fast Forward not supported (2) Pause not supported for record recording; (5) Performance varies between cameras; (6) Single se function on the P3343/33rr cameras we do not currently support 'Z' it is necessary to use the camer web page or enable the auto zoom

## Sony Camera Support Matrix

v6.2 Software (with Service Pack 3 or later)

Sony Camera Models	SNC-CS10	SNC-CS11	SNC-RZ25P	SNC-DF40P	SNC-DF50P	SNC-70P	SNC-RX530P/B
Device Type:	Camera	Camera	PTZ Camera	Camera	Camera	Camera	PTZ Camera
Software/Firmware Version Tested	1.01	1.01	1.22	1.13	1.12	1.13	3
Codec Supported	MPEG-4	MPEG-4	MPEG-4	MPEG-4	MPEG-4	MPEG-4	MPEG-4
Model-specific Notes	<b>Viewing not supported on Windows Server 2008.</b> Known connection limitation for Sony IP cameras per Symmetry client machine/NVR (maximum 36 streams dependant on system configuration), please refer to the 6.2 SP2 technical bulletin for a workaround.						
Available from AMAG Technology							
Multi-unit Support	✓	✓	✓	✓	✓	✓	✓
View live video in Virtual Matrix	✓	✓	✓	✓	✓	✓	✓
Video Sequencing or Camera Tour facility	✓	✓	✓	✓	✓	✓	✓
Link any alarm or event with individual pre and post-alarm record times <sup>(3)</sup>	✓	✓	✓	✓	✓	✓	✓
Fast-Forward or Skip, Rewind, Pause and Print recorded video	✓	✓	✓	✓	✓	✓	✓
View associated video from the Alarm Management window based on reported alarms	✓	✓	✓	✓	✓	✓	✓
Click Map Icon to view live video	✓	✓	✓	✓	✓	✓	✓
Receive IP generated alarms for display and to trigger commands	✓	✓	✓	✓	✓	✓	✓
View recorded video from History Activity Report	✓	✓	✓	✓	✓	✓	✓
Full video playback available at all Symmetry system clients	✓	✓	✓	✓	✓	✓	✓
Allow PTZ control over PTZ enabled cameras	N/A	N/A	✓	N/A	N/A	N/A	✓
Snap camera to preset PTZ settings	N/A	N/A	✓	N/A	N/A	N/A	✓
Software PTZ Acceleration	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Software PTZ Variable Angle	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Supports AXIS 295 and other Direct-X Joysticks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Buffering for pre-alarm video <sup>(4)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Start and Stop recording of video	✓	✓	✓	✓	✓	✓	✓
Timezone support for recording, alarms and instant replay							
Display Device Motion Alarms	✓	✓	✓	✓	✓	✓	✓
Display Device Monitor Point Alarms	✓	✓	✓	✓	✓	✓	✓
Support for Privacy zones	✓	✓	✓	✓	✓	✓	✓
Bookmark and export video to CD from Symmetry client PC	✓	✓	✓	✓	✓	✓	✓
Maximum simultaneous client PC connections	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum number of live camera connections per DVR	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(1) Fast Forward not supported (2) Pause not supported for recorded playback (3) Pre-event recording requires continuous recording on most DVR & IP Cameras (4) Does not require 24 x 7 recording; (5) Performance varies between cameras; (6) Single server multiple encoder box support; (7) v1.2 Firmware (or later) required; (8) s4/7 recording required; (9) Johnson SDK not yet implemented (F/V) product to be updated in Service Pack 4;

## Bosch Camera Support Matrix

v6.2 Software (with Service Pack 3 or later)

Bosch Camera Models	Gen4 Autodome 300	NWC-0455	NWC-0495
Device Type:	PTZ Camera	Discontinued	Discontinued
Software/Firmware Version Tested	fw=58500200 cam fw=01.09.01.01	fw=425002500106 camera fw=1.06	fw=03500351 camera fw=1.06
Codec Supported	MPEG-4	MPEG-4	MPEG-4
Model-specific Notes	Windows Vista not supported. A solution is currently being investigated.		
v1 firmware supported, manufacturer now at v4.			
Available from AMAG Technology			
Multi-unit Support	✓	✓	✓
View live video in Virtual Matrix	✓	✓	✓
Video Sequencing or Camera Tour facility	✓	✓	✓
Link any alarm or event with individual pre and post-alarm record times <sup>(3)</sup>	✓	✓	✓
Fast-Forward or Skip, Rewind, Pause and Print recorded video	✓	✓	✓
View associated video from the Alarm Management window based on reported alarms	✓	✓	✓
Click Map Icon to view live video	✓	✓	✓
Receive IP generated alarms for display and to trigger commands	✓	✓	✓
View recorded video from History Activity Report	✓	✓	✓
Full video playback available at all Symmetry system clients	✓	✓	✓
Allow PTZ control over PTZ enabled cameras	✓	N/A	N/A
Snap camera to preset PTZ settings	✓	N/A	N/A
Software PTZ Acceleration	✓	N/A	N/A
Software PTZ Variable Angle	✓	N/A	N/A
Supports AXIS 295 and other Direct-X Joysticks	✓	N/A	N/A
Buffering for pre-alarm video <sup>(4)</sup>	N/A	N/A	N/A
Start and Stop recording of video	✓	✓	✓
Timezone support for recording, alarms and instant replay			
Display Device Motion Alarms	✓	✓	✓
Display Device Monitor Point Alarms	✓	✓	✓
Support for Privacy zones	✓	✓	✓
Bookmark and export video to CD from Symmetry client PC	✓	✓	✓
Maximum simultaneous client PC connections	N/A	N/A	N/A
Maximum number of live camera connections per DVR	N/A	N/A	N/A

(1) Fast Forward not supported (2) Pause not supported for recorded playback (3) Pre-event recording requires continuous recording on most DVR & IP Cameras (4) Does not require 24 x 7 recording; (5) Performance varies between cameras; (6) Single server multiple encoder box support; (7) v1.2 Firmware (or later) required; (8) s4/7 recording required; (9) Johnson SDK not yet implemented (F/V) product to be updated in Service Pack 4;

## Panasonic Camera Support Matrix

v6.2 Software (with Service Pack 3 or later)

Panasonic Camera Models	NW964	NP304	NF302	NS954	WV-NF284	WV-NS202A	WV-NP1004
Device Type:							
Software/Firmware Version Tested	1.11 E1	1.10 EA_1.06	1.05 E0_1.06	1.06 E0	1.02 E0	2.20	Not Confirmed
Codec Supported	MPEG-4	MPEG-4	MPEG-4	MPEG-4	MPEG-4	MPEG-4	MPEG-4
Model-specific Notes							
Available from AMAG Technology							
Multi-unit Support	✓	✓	✓	✓	✓	✓	✓
View live video in Virtual Matrix	✓	✓	✓	✓	✓	✓	✓
Video Sequencing or Camera Tour facility	✓	✓	✓	✓	✓	✓	✓
Link any alarm or event with individual pre and post-alarm record times <sup>(3)</sup>	✓	✓	✓	✓	✓	✓	✓
Fast-Forward or Skip, Rewind, Pause and Print recorded video	✓	✓	✓	✓	✓	✓	✓
View associated video from the Alarm Management window based on reported alarms	✓	✓	✓	✓	✓	✓	✓
Click Map Icon to view live video	✓	✓	✓	✓	✓	✓	✓
Receive IP generated alarms for display and to trigger commands	✓	✓	✓	✓	✓	✓	✓
View recorded video from History Activity Report	✓	✓	✓	✓	✓	✓	✓
Full video playback available at all Symmetry system clients	✓	✓	✓	✓	✓	✓	✓
Allow PTZ control over PTZ enabled cameras	✓	N/A	N/A	✓	N/A	✓	N/A
Snap camera to preset PTZ settings	N/A	N/A	N/A	✓	N/A	N/A	N/A
Software PTZ Acceleration	N/A	N/A	N/A	✓	N/A	N/A	N/A
Software PTZ Variable Angle	N/A	N/A	N/A	✓	N/A	N/A	N/A
Supports AXIS 295 and other Direct-X Joysticks	N/A	N/A	N/A	✓	N/A	N/A	N/A
Buffering for pre-alarm video <sup>(4)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Start and Stop recording of video	✓	✓	✓	✓	✓	✓	✓
Timezone support for recording, alarms and instant replay							
Display Device Motion Alarms	✓	✓	✓	✓	✓	✓	✓
Display Device Monitor Point Alarms	✓	✓	✓	✓	✓	✓	✓
Support for Privacy zones	✓	✓	✓	✓	✓	✓	✓
Bookmark and export video to CD from Symmetry client PC	✓	✓	✓	✓	✓	✓	✓
Maximum simultaneous client PC connections	Depends on camera load - typically 2 or 3	Depends on camera load - typically 2 or 3	Depends on camera load - typically 2 or 3	Depends on camera load - typically 2 or 3	Depends on camera load - typically 2 or 3	Depends on camera load - typically 2 or 3	Depends on camera load - typically 2 or 3
Maximum number of live camera connections per DVR	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(1) Fast Forward not supported (2) Pause not supported for recorded playback (3) Pre-event recording requires continuous recording on most DVR & IP Cameras (4) Does not require 24 x 7 recording; (5) Performance varies between cameras; (6) Single server multiple encoder box support; (7) v1.2 Firmware (or later) required; (8) s4/7 recording required; (9) Johnson SDK not yet implemented (F/V) product to be updated in Service Pack 4;

## Arecont Camera Support Matrix

v6.2 Software (with Service Pack 3 or later)

Arecont Camera Models	AV1305M	AV3105M	(11)
Device Type:	1.3 megapixel camera	3.1 megapixel camera	
Software/Firmware Version Tested	65134 1.11 E1	65134 1.11 E1	
Codec Supported	H.264	H.264	
Model-specific Notes	Only single sensor models supported. Not Supported on Win 7	Only single sensor models supported. Not Supported on Win 7	
Available from AMAG Technology			
Multi-unit Support	✓	✓	
View live video in Virtual Matrix	✓	✓	
Video Sequencing or Camera Tour facility	✓	✓	
Link any alarm or event with individual pre and post-alarm record times <sup>(3)</sup>	N/A	N/A	
Fast-Forward or Skip, Rewind, Pause and Print recorded video	✓	✓	
View associated video from the Alarm Management window based on reported alarms	✓	✓	
Click Map Icon to view live video	✓	✓	
Receive hardware generated alarms for display and to trigger commands	N/A	N/A	
View recorded video from History Activity Report	N/A	N/A	
Full video playback available at all Symmetry system clients	✓	✓	
Allow PTZ control over PTZ enabled cameras	N/A	N/A	
Snap camera to preset PTZ settings	N/A	N/A	
Software PTZ Acceleration	N/A	N/A	
Software PTZ Variable Angle	N/A	N/A	
Supports AXIS 295 and other Direct-X Joysticks	N/A	N/A	
Buffering for pre-alarm video <sup>(4)</sup>	N/A	N/A	
Start and Stop recording of video			
Timezone support for recording, alarms and instant replay			
Display Device Motion Alarms			
Bookmark and export video to DVD from Symmetry client PC	✓	✓	
Maximum simultaneous client PC connections	8	8	
Maximum number of live camera connections per DVR	N/A	N/A	

(1) Fast Forward not supported (2) See separate supported camera web page (3) Pre-event recording requires continuous recording on most DVR & IP Cameras (4) Does not require 24 x 7 recording; (5) (6) Single server multiple i/p box support (7) v1.2 Firmware (or later) required (8) DX8100 only (9) DM Detailed versions: [04.1 (009) M2IP - 03.1 (09.2) / 04.5 (012) M2IP - 03.1 (09.2)] (10) Request separate software plug-in; (11) Arecont Vision panoramic cameras are not currently supported; (12) Symmetry is designed to support basic video and control functionality for all Axis MPEG-4 and H.264 cameras, but has only been tested with the listed models.