Aimetis Symphony

6.10 Release Notes

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Document History

Date	Description
January 21, 2013	**Release 6.10.1.3**
December 6, 2012	**Release 6.10.1.1**
November 15, 2012	**Release 6.10.1**
September 4, 2012	**Release 6.10.0.1**

Release 6.10.1.3

Fixed	
AIR-17998	Zoom speed when using Joystick for PTZ camera reaches correct maximum value
AIR-18000	Live and historical video streams correct for ACTi D11 and E11 cameras

Release 6.10.1.2

Fixed	
AIR-17802	Camera icons rendering correctly when using 6.10.1.0 Client to edit Maps in 6.9.5 server farm
AIR-17834	**FTP** tab in **Rule Wizard – Resize the transferred file** setting reducing alarm images correctly
AIR-17837	Axis 232D and 211A PTZ cameras no longer lose connection when alarm with Auto-tracking triggered

Release 6.10.1.1

Fixed	
AIR-17646	Case where LPR engine can crash in certain situations fixed
AIR-17653	Video available on Messoa cameras after upgrade
AIR-17752	Aimetis LPR "No software license" error issue resolved
AIR-17782	Bosch Autodome 800 auto-detection, HD Live video, Record and Playback working correctly

Release 6.10.1

New

New	
AIR-16076	New multi-streaming in Symphony for analytics and Camera Views reduces server and client CPU and CPU transcoding. **New**: You can set a smaller stream on the client to reduce bandwidth. **Stream Selector** on **Appearance** tab in the **Camera View Settings** has been redesigned and renamed **Video Quality**. **New**: The new global setting **Video Quality** has been added to the **Video** tab in **Symphony Client Settings**.
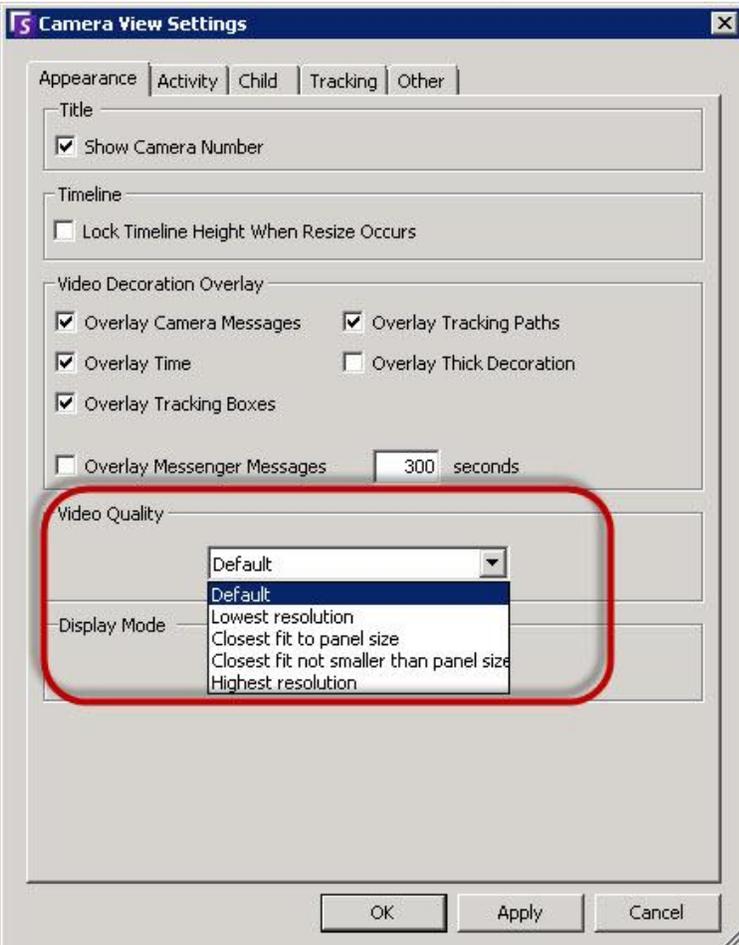
New	
AIR-16710	Symphony now supports ENEO GX and PX cameras
AIR-16710	Symphony now supports ENEO GXC-1710M and PXB-2080MIR cameras
AIR-16890	Symphony now supports XTS SD20XDN2MP-WIP ExtremeNet II speed dome PTZ camera
AIR-17022	Symphony now supports JCI cameras
AIR-17381	Symphony now notifies Symphony Client user if a failover occurs. Message is sent to Administrator, displayed in **Messenger** dialog box.
AIR-17411	Symphony now supports ENEO PXD-2018PTZ1080 cameras

Improvement

Improvement	
AIR-12194	Enhanced PTZ support for several Grundig cameras
AIR-14517	All reports (except Heat Map report) now allow you to included data from multiple cameras
AIR-15941	Symphony now supports streaming over multicast and Direct Connect for Hikvision
AIR-16496	New aggregate dwell time on Heat Map report allows you to collect data hourly

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Improvement	
	(for example) to determine:
- How many people were dwelling in different zones and the average length of time they were in those zones.
- How many people dwelled longer than a pre-defined threshold value.

Example Scenario:
Collect data hourly on how many people were standing in the breakfast cereal aisle for more than 20 seconds and how long those people, on average, dwelled there.

New interface in **Report Designer** for Heat map report

New **Time Interval** aggregation drop-down field. Sums the total number of objects dwelling in a defined zone and calculates the average dwell times in the zone for that aggregated period.
In the example, the data is grouped into two hour segments. The report sums the total number of people occupying the zone and the average time those people dwelled in the zone for each two hour period. |

Improvement

New **Dwell Threshold** option
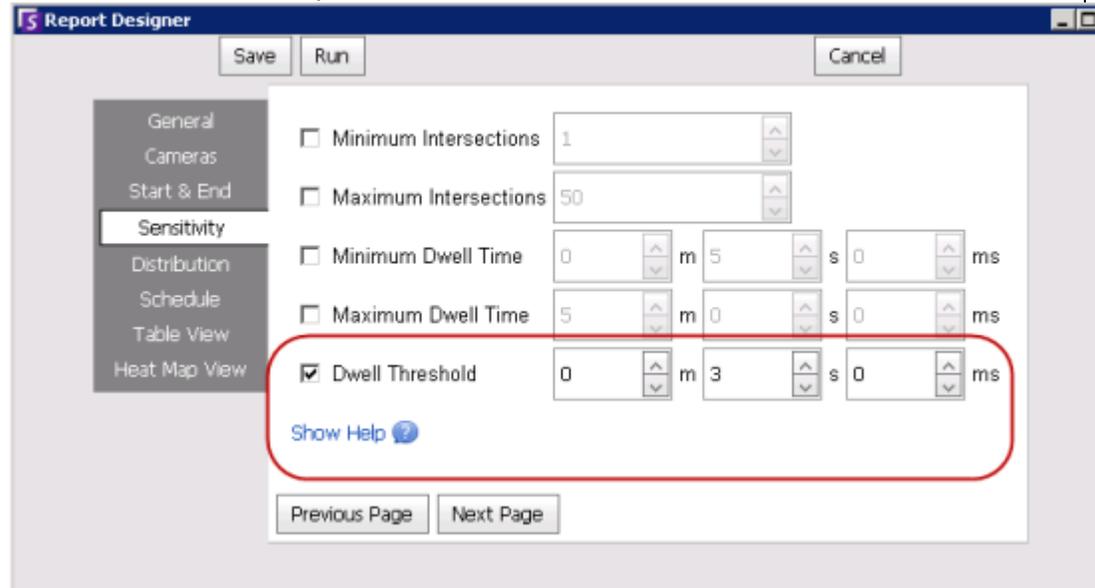
Allows you to set how many people were dwelling longer than a definable threshold.

Report
Each block of time in the time range is collected and reported, regardless of whether there was anyone dwelling in the zone in that period.

Improvement

To see the raw data for the heat map select the **None** option in the **Time Interval** field.

The non-aggregated report is similar to the aggregated report in that it shares the same columns. Each row describes the value of a single object through a zone.

Improvement	
	IMPORTANT: If you have an existing Heat Map report, the new columns of data may not appear.
	To ensure that all columns are displayed:
	1. Select the report and click **Edit**.
	2. Click **Save** in the **Report Designer**. All columns will be displayed correctly when you run the report.
AIR-16620	Symphony now supports ENEO I/O on **Map** and the **Camera Tree**
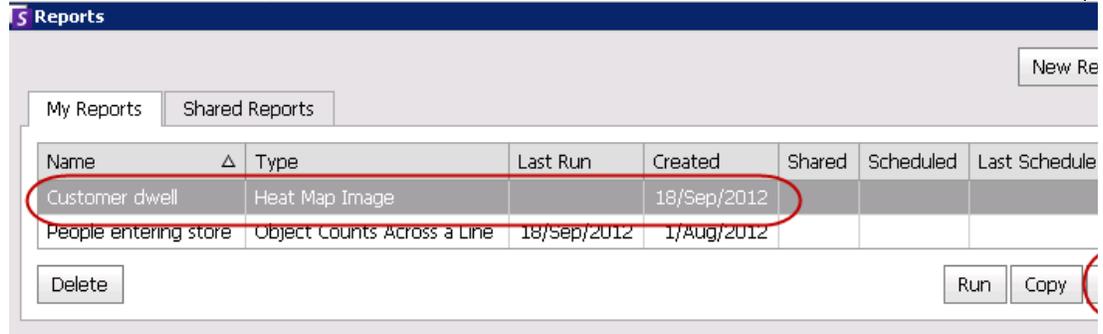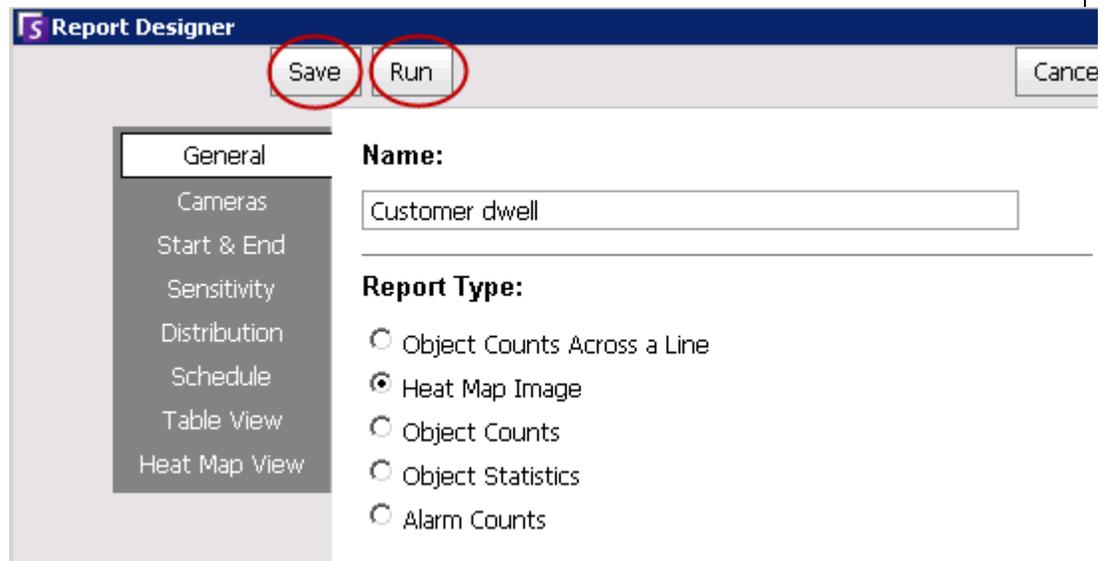
| Improvement	
AIR-16698	Text decoration and background color can be set by user: 1. From the **Server** menu, select **Configuration**. The **Server Configuration** dialog box opens. 2. Click **General Settings**. 3. In the **Video Decorations** section, adjust the **Decoration Text Color** and **Decoration Text Background**.
AIR-16779	**Video wall**: In video wall manager, you can double-click on a panel to display the image in full screen mode. Double-clicking again restores the view to the previous state.
AIR-17201	Symphony now supports XTS SD18X 720p PTZ camera
AIR-17531	LPR – License Plate Recognition white/black list reload. See https://www.aimetis.com/Xnet/KB/KBArticleView.aspx?ID=10160
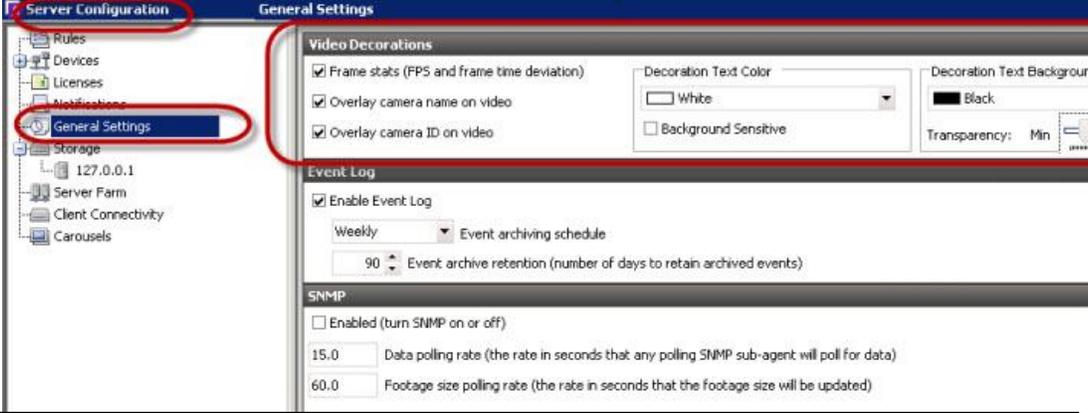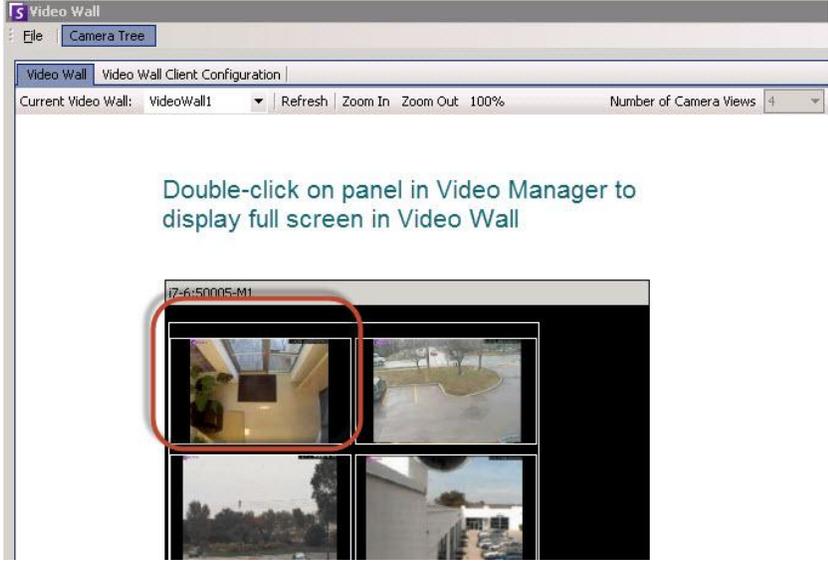
Fixed

Fixed	
AIR-12497	Error message now displayed if Symphony fails to save changes when importing camera list from a CSV file
AIR-16152	Batch file can successfully disable rule
AIR-17036	**Camera Tree** correctly shows "On" when camera is on and recording
AIR-17232	Grundig IO input and auto detection issue resolved
AIR-17239	Video motion detection functioning correctly on Eneo PXB-2080MIR and Eneo GXC-1720M cameras
AIR-17281	Vivotek PZ7121 PTZ camera correctly pans, tilts, zooms in Symphony
AIR-17328	Almost all Reports can now be run with common user rights: • Common to all reports - Connect, Execute Report • Object Counts Across Line - [no other rights] • Object Counts - [no other rights] • Object Statistics - [no other rights] • Alarm Counts - [no other rights] • Heat Map - Search rights still required
AIR-17353	Export camera list now contains multi-stream configuration. For the entire list of fields, see https://www.aimetis.com/Xnet/KB/KBArticleDetails.aspx?ID=10123
AIR-17357	Can successfully add camera via CSV file using 6.10 client
AIR-17459	De-warping correct for historical JPEGs from Oncam cameras
AIR-17316	PTZ controls correctly aligned for Oncam cameras in ceiling mode
AIR-17344	Mulitiview (Camera View) renders correctly when changing to full screen
AIR-17353	Export camera list (CSV file) now contains multi-stream configuration field
AIR-17354	Correct map is displayed with associated camera when camera switched in main view
AIR-17355	Mouse PTZ movement correctly aligned for Oncam cameras
AIR-17389	Symphony Client no longer locked/frozen because of Windows system preference changes
AIR-17448	All decorations correctly changed by decoration color settings
AIR-17449	Multi-stream decorations align properly for megapixel resolutions
AIR-17465	Symphony Client successfully displays historical video when Display Mode = Fit to window
AIR-17470	Sony SNC-DS10 camera working efficiently with Symphony
AIR-17494	Line decoration correctly displayed on live video when de-warping fisheye image
AIR-17497	PTZ pan away from Home position or camera tour working correctly when Client version newer than Server version
AIR-17523	IQEye camera streams now stable
AIR-17529	Improved LPR support for Taiwanese region
AIR-17542	Name decoration in correct position when viewing second video stream
AIR-17551	Symphony supports audio in new Vivotek cameras that use GSM-AMR G.711
AIR-17554	Symphony Client generates correct PTZInfo tag (XML content in Manual

Fixed	
	Configuration Editor) when adding video encoder with PTZ support
AIR-17574	Map display is synchronized with focused panel
AIR-17602	Oncam Halocam de-warps historical JPEGs properly
PSA-83	E3200 PSA as designed, see KB article: **https://www.aimetis.com/Xnet/KB/KBArticleDetails.aspx?ID=10156**

Known Issue

LPR		
AIR-17540	**Release 6.10.1**	When LPR installer prompts user with message regarding gxsd.dat file, user should select **No**.
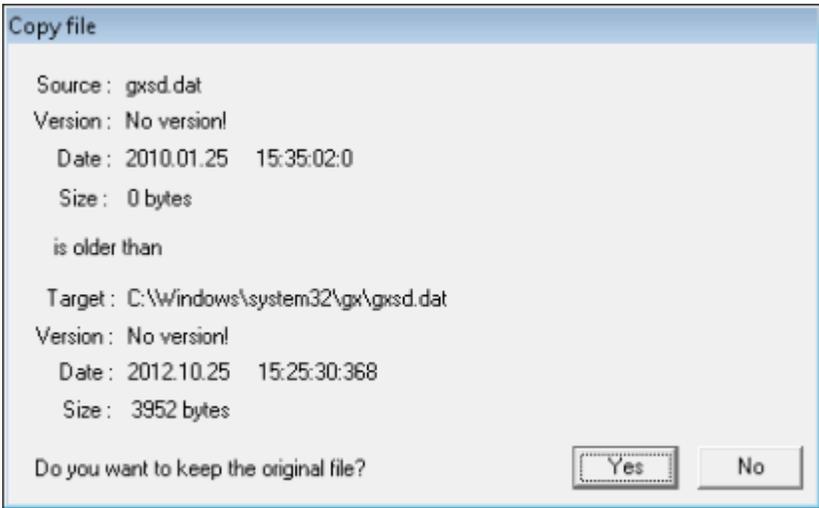
Release 6.10.0.1

Fixed

Fixed	
AIR-16952	Successful Database Connectivity - Client can successfully connect to farm in the case where one or more servers in a farm is online but unable to communicate with database
AIR-16962	Automatic panel switching working correctly
AIR-16970	Stand-alone and server Client connecting to server farm with expected speed
AIR-17024	Multiple panels in a single form set to switch on activity show correct camera (no longer duplicate same camera)

Release 6.10

- **Symphony Mobile** – Connect to Aimetis Symphony from your Apple and Android Smartphones and/or tablets. See Mobile on Aimetis website.

- **Supervisor Logon** – A new mode where two users log in simultaneously granting special user privileges.

- **Enhanced Camera Views** – Multi-view displays can be saved as layouts in the Camera Tree and/or as icons on Maps for more convenient access.

- **New Auto-PTZ Tracking Engine** – Superior auto-tracking capabilities for pan-tilt-zoom (PTZ) cameras.

- **Highly Scalable Automatic License Plate Recognition** – New Queue Time feature improves scalability of ALPR engine allowing up to 10 cameras to be used for detecting motion with only one LPR hardware key per server.

- **Integrated Remote Support Module** – Optionally installed, the Remote Support Module allows users to request secure remote desktop support from Aimetis Technical Support in order to expedite troubleshooting.

- **VE180 Indoor/Outdoor People Tracking** – New interactive section that allows you to adjust grid and reference person size to match the underlying scene.

New Features

Improvements

Fixed

Known Issues

New Features

New	
AIR-12794	Symphony can auto-discover servers.
AIR-13061	New **Camera View Settings Activity** tab option for **Go back to previous state after seconds** – Video Panel switches on alarm and after user-defined seconds returns to previous state, whether playing live or historical video
AIR-14065	Symphony now supports using Axis P8221 device for I/O and/or for I/O and an audio source to link with another camera. Symphony obtains audio from the Axis P8221 device and synchronizes it with video from the linked camera.
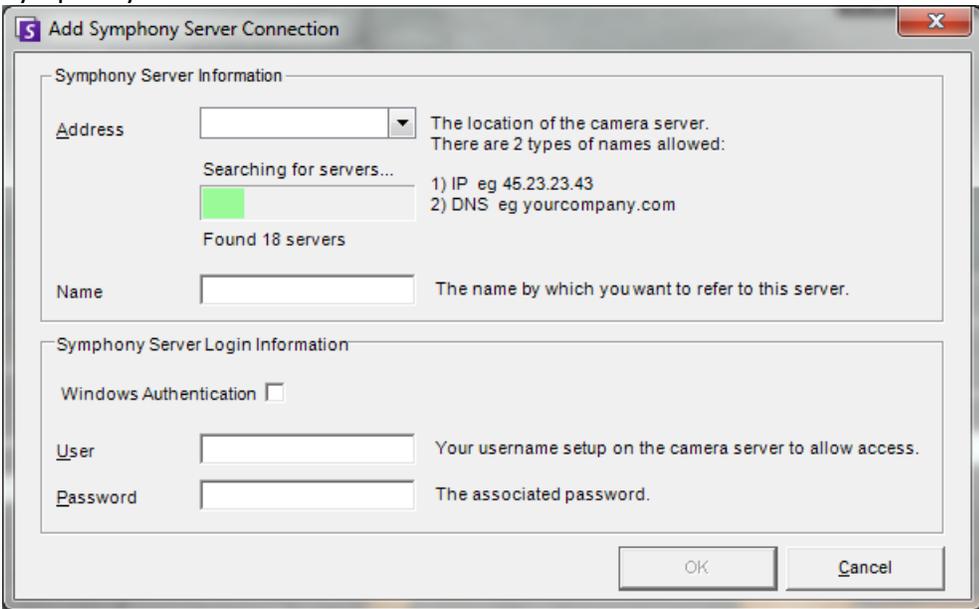
15

New	
AIR-15020	Aimetis Remote Support Tool now part of Symphony installation **To launch from Windows Start menu:** • **All Programs>Aimetis>Aimetis Remote Support**.
AIR-15706	Symphony now supports ACTi TCM-6630 PTZ camera for auto-tracking
AIR-15750	Symphony now supports PTZ auto-tracking for Orlaco analog camera via a Moxa encoder
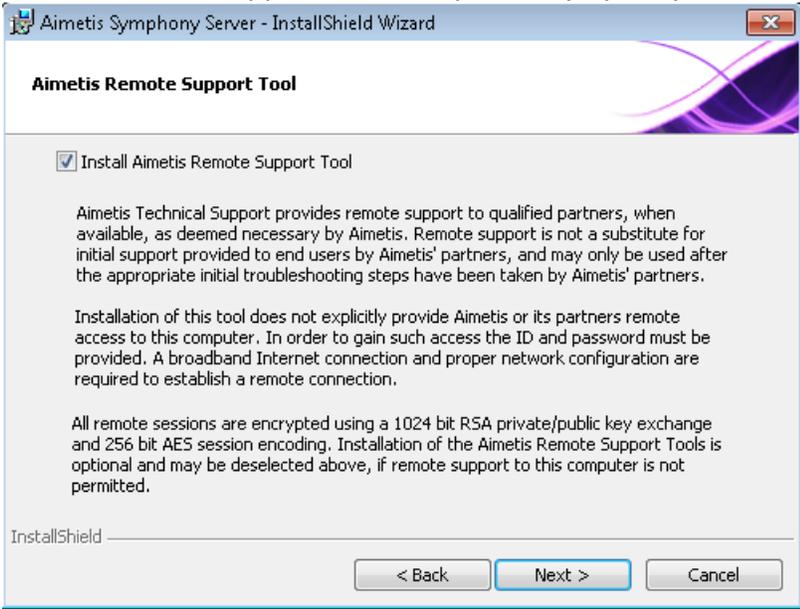
| New	
AIR-15751	Multi-view layouts in **Camera Tree** - Multi-view displays can be saved as "Camera Views" in the **Camera Tree** and **Maps** for more convenient access.
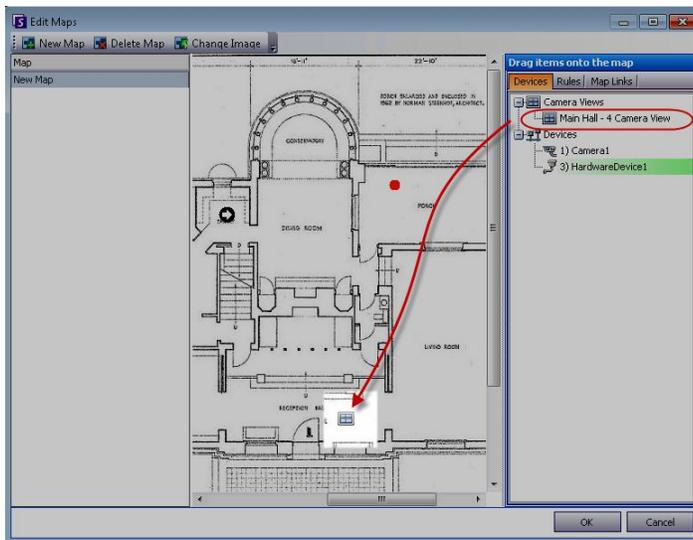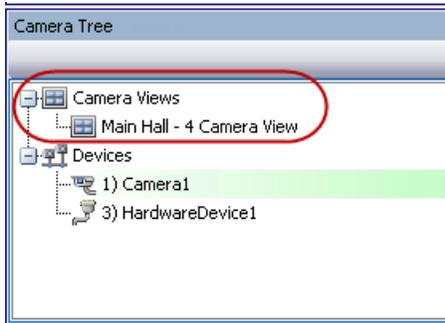
| New	
AIR-16001	Supervisor Logon This feature allows two users to log on simultaneously in Symphony on the same PC, granting them higher user privileges than they normally have on an individual basis. For example, users who are members of the Symphony Users Group may have insufficient privileges to export video. But if they log on concurrently together in Supervisor mode they have sufficient privileges to do so.
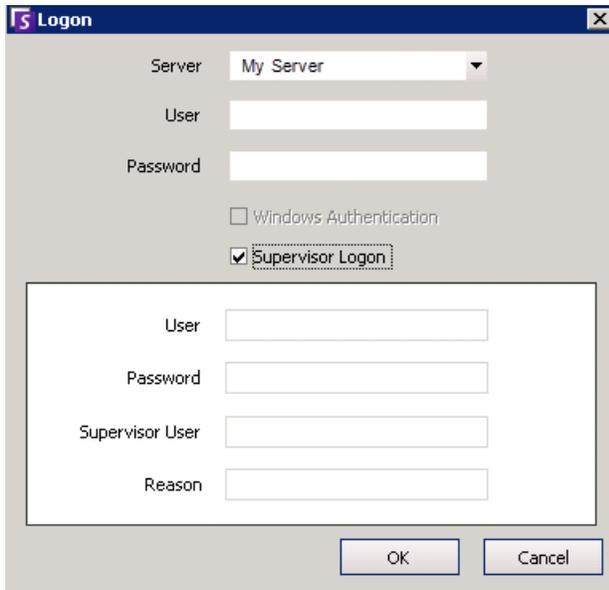
Improvements

Improvements	
AIR-11810	SQL Server Express 2008 installed with Symphony
AIR-12194	Symphony supports PTZ on Grundig, Dynacolor, and Certis cameras
AIR-13636	Symphony synchronizes settings with Vivotek 7k/8k series devices
AIR-14906	**PT091 – PTZ auto-tracking analytic** The new PT091 auto-tracking engine supports the following cameras: • AXIS 6032 • AXIS 6034 • AXIS 6035 • Bosch Auto-dome • Pelco Spectra IV Full usage instructions are in the [Analytics Guide](#). **Quick summary of how to add support for your camera if it does not appear in the above list:** If your camera supports **absolute (not relative) PTZ control** and Aimetis is supporting the camera through an absolute interface: 1. Right-click on a camera in the camera tree in Symphony Client 2. Select **Calibrate** which will attempt to determine camera pan, tilt, and zoom speeds by operating the camera. The Calibrate menu option will not appear if Aimetis does not support the device through an absolute interface. We are not aware of cameras from Vivotek, ACTi, or Grundig that work with our auto-tracking engines. **Auto-tracking on relative PTZ cameras:** Aimetis may be able to add support for a relative positioning PTZ camera for a fee if the camera is fairly fast moving with low delay and consistent response. In this case please send your request to support. Currently the only supported relative positioning PTZ camera is the Bosch Auto-dome. **Upgrade Guidelines:** • If your pre-6.10 Symphony installation depends on PT090 auto-tracking working with a relative positioning PTZ camera that is not the Bosch Auto-dome, you should <u>not</u> upgrade to 6.10. • If your pre-6.10 Symphony installation already depends on PT090 auto-tracking working with an analog PTZ camera through an encoder, you

| Improvements	
	should **not** upgrade to 6.10 unless you are certain that the encoder gives PTZ locations properly via an absolute positioning protocol (for example, PelcoD, not PelcoP). Test the auto-tracking performance before upgrading.
	• If your pre-6.10 Symphony installation already depends on PT090 auto-tracking working with an absolute positioning camera that is not in the above list, you can manually calibrate the camera. Test the manually calibrated auto-tracking performance before upgrading.
	If you find that you cannot upgrade due to the above guidelines, please send us information about your camera setup (encoder/model, camera/model) and we will do our best to support you.
AIR-15348	Cameras pre-calibrated for auto-tracking. List on Aimetis Website
AIR-15503	Numerous improvements to VE180 calibration and setup Full usage instructions are in the Analytics Guide
AIR-15800	ALPR performance improvements See guide and KB article.
AIR-15967	Import cameras .csv file contains columns for Direct Connect Supported, PTZ Protocol. See KB article: How to import or export a camera list, or create a blank template for a camera list
AIR-16068	Symphony now supports de-warped and digital PTZ with OnCam for historical video
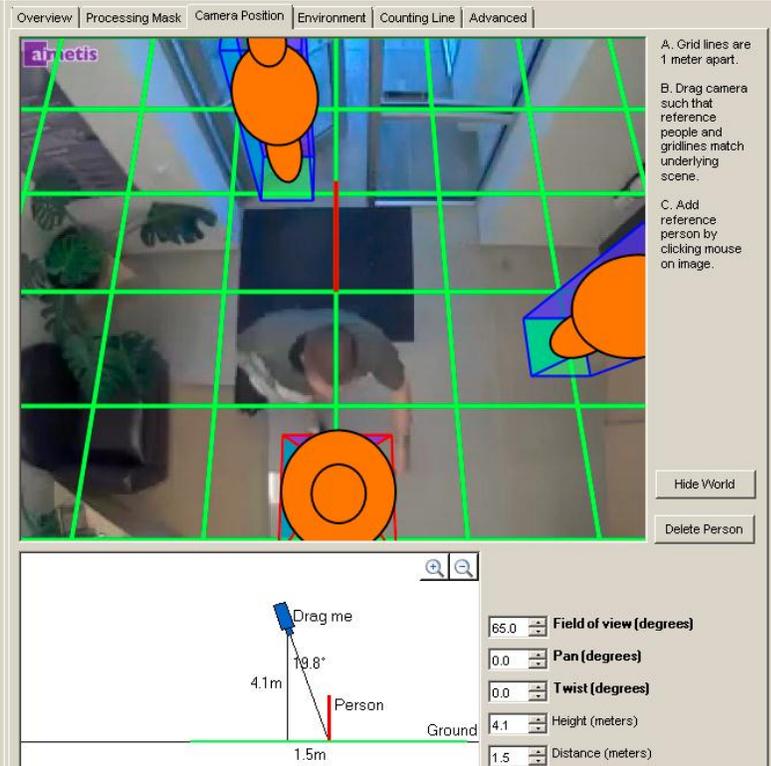
Improvements	
AIR-16131	Symphony now supports audio for DynaColor NH221 and NSD820 and Certis NSD-7020FH cameras
AIR-16168	Direct Connect or Via Server option for camera connection. Depending on camera, allows direct connection to camera instead of the server when Support Direct Connect check box selected in camera configuration. See Aimetis Symphony Administration Guide and Client User Guide.

Fixed

Fixed	
AIR-11986	Video image now smooth in console running many panels
AIR-12221	Video in Symphony Player plays correctly when moving slider to beginning
AIR-12533	No lag in video for multiple cameras on docked multi- view
AIR-13072	LPR no longer generating multiple alarms if the same plate is in constant view or has a long dwell time
AIR-14850	Top panel no longer disappears when maximizing /minimizing Symphony Client interface
AIR-15406	Zoom In and Zoom out performance speed in Video Wall manager corrected
AIR-15684	Exceptions in Rule Wizard Scheduled saved correctly
AIR-15690	Time/date displayed properly on low resolution cameras
AIR-15731	Notification email now contains both ID and name of a given search
AIR-15905	Improved infrastructure for Cardax event message handling
AIR-15981	Camera View Panel Save/Load preserves screen ID
AIR-15988	Axis key pad does not set focus to requested camera view panel
AIR-16082	Lower priority user is correctly prevented from Unlocking PTZ of higher priority user
AIR-16118	VE150 analytic small object limit correctly enforced
AIR-16132	Fresh installation of Symphony gives user option to select installation path
AIR-16136	Camera alarm selections properly saved in Rules Wizard>Action screen
AIR-16311	ONVIF PTZ auto detection distinguishes between Digital PTZ and Physical PTZ devices
AIR-16431	Symphony now correctly supports PTZ on Vivotek PT8133 Wireless camera
AIR-16466	Symphony correctly displaying Alarm message in Chinese
AIR-16476	User can successfully activate/deactivate digital I/O for Axis camera in Symphony Client Camera Tree and Map
AIR-16497	French language in Symphony interface displayed correctly
AIR-16586	All preset PTZ tour buttons on Axis 295 Joystick working
AIR-16633	Symphony correctly auto-detects Samsung cameras

Known Issues

Sound		

AIR-16867	Release 6.9.5, 6.10	**Playing audio files via Rules does not work when using Server 2008 R2/Windows 7/Windows Vista**
		
		Workaround:
		1. Download "psexec" online
		   (http://technet.microsoft.com/en-us/sysinternals/bb897553.aspx)
		2. Setup **AI Scheduler** service to login as a user that has previously logged into the server interactively.
		3. Setup the computer to automatically log in on bootup as the same user that is logging in **AI Scheduler**.
		4. Create a **playsound.bat** batch file (all one line):
		psexec.exe -i 1 f:\branches\trunk3\aira_bin\schedulerplayer.exe play 1 0 c:\windows\media\chimes.wav
		
		psexec.exe –i <session to run program in> <path to schedulerplayer.exe> play <number of times to play> <delay> <path to audio file to play>
		5. The key "–i 1" must specify the interactive session number for the process to run in.
		   a. To get a session number, run **procexp.exe** and turn on the session# column.
		   b. Look at the session number for a process running as the logged in user. This is probably always 1 on a Windows installation with a logged in session; therefore "-i 1" should always work.
		6. Create a rule action similar to the following:

Cardax Integration		
AIR-16857	Release 6.10	**User must repair OPC Bridge Configuration Version 6 from Cardax after Symphony upgrade** Installing OPC Bridge Component 6.1.0.5 and the OPC Core Components Redistributable software pieces are required for Cardax Access Control. The OPC Bridge Component stops working after a Symphony server upgrade. **Workaround:** If you have OPC Bridge Configuration Version 6 from Cardax installed you must repair it after upgrading Symphony by re-running the OPC Bridge Configuration installer.

Camera		
AIR-12315	Release 6.5	**Support latest Mobotix Firmware for VMD of camera** VMD from Mobotix cameras is working only on devices running Fw. 3.4.09 (from 2008). With the Fw. 3.5 and 4.x (running on all new models like M24, D24, Q24) it is not possible to use this functionality.
AIR-12896	Release 6.6	**When adding Axis 241Q, only the first channel has default codec set Camera** When adding Axis 241Q and other multi- channel video servers, such as Hikvision 6104), and clicking the **Connect to Camera** button, only the first channel has the default codec settings. All others channels have a blank codec.
AIR-15613	Release 6.9	**Multi-lens cameras require one license** If you select a multi-lens camera, multiple licenses will be required. You must contact Sales to be given the difference of licenses, for free. This problem is typically only with Arecont cameras.

Interface		
AIR-12409	Release 6.5	**Vivotek FD8361 crops image in stream 2 and displays stream 1 when navigating away from camera**