Aimetis Symphony 6.12

6.12 Release Notes

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Document History

Date	Description
May 8, 2014	Revised 6.12.4.6 Fixed list with issue number correction Removed 6.12.4.1 New list issue AIR-20560
May 7, 2014	Removed 6.12.4 Improvements list issue AIR-20002
April 17, 2014	Release 6.12.4.6
April 2, 2014	Release 6.12.4.5
March 31, 2014	Release 6.12.4.4
March 21, 2014	Release 6.12.4.2
March 17, 2014	Release 6.12.4.1
February 25, 2014	Release 6.12.4
January 9, 2014	Updated with known issue
December 18, 2013	Release 6.12.3.1
October 15, 2013	Important Note Regarding DevicePack and Export Feature
October 9, 2013	Release 6.12.2.1
October 7, 2013	Release 6.12.2
August 15, 2013	Release 6.12.1
June 24, 2013	Release 6.12.0.1
June 18, 2013	Change to directory in Known Issue **AIR-16867**
June 12, 2013	Release 6.12

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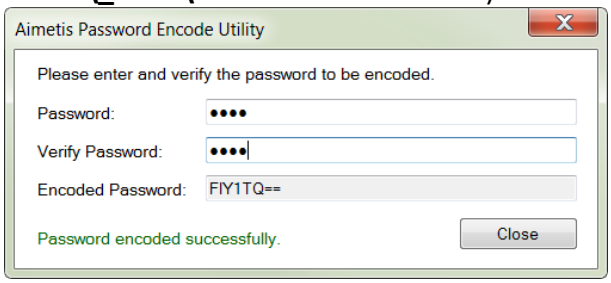
Release 6.12.4.6

(Not generally released)

New	
AIR-22037	Access the Web Client with username, password, and a live video of a specific camera ID using URL variables as follows: http://**[SERVERNAME]**:50000/Default.aspx?**U=jsmith**&**P=FIY1TQ==**&**C=7**&**R=1** where: • **[SERVERNAME]** is the Microsoft® Windows® Hostname or the IP address of the Aimetis Symphony Server • **U=** is the **User Name** • **P=** is the **Encoded Password** (Generate the encoded password using the **Aimetis Password Encode Utility** located in **C:\Aimetis Symphony Install folder_tools\PasswordEncoder.exe**)  • **C=** is the **Camera ID** to load • **R=** prevents the server from load balancing the request by redirecting the request to another server. Not intended production deployments. **Note:** Ensure that each variable is separated by the ampersand symbol (&)

Fixed	
AIR-21939	Images are cleaned correctly

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Release 6.12.4.5

(Not generally released)

Improvements	
AIR-21760	Moroccan LPR module support improved
AIR-21877	Retrieving edge storage JPEG and historical video for multi-channel AXIS video encoders working correctly

Fixed	
AIR-21832	Occasional LPR crashes resolved
AIR-21878	Redundant storage works better in configurations with slower media

Release 6.12.4.4

Includes previously unreleased 6.12.4.x patch release updates

Fixed	
AIR-21823	Alarm times correct and in sync with alarm images

Release 6.12.4.3

(Not generally released)

Fixed	
AIR-21716	Scheduler working correctly
AIR-21748	ALPR working successfully in cases where motion detection chaining is disabled

Release 6.12.4.2

(Not generally released)

Fixed	
AIR-21650	Users can access historical data successfully
AIR-21675	Following storage restoration, correct time values recorded
AIR-21624	Footage maintained correctly to prevent recording gaps

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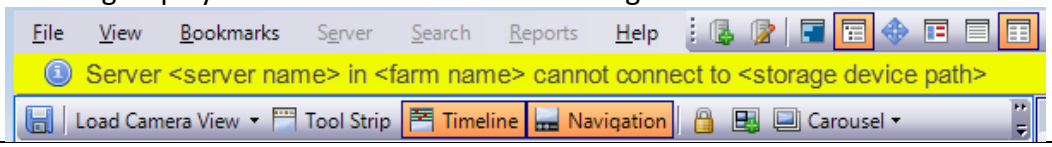
Release 6.12.4.1

(Not generally released)

Fixed	
AIR-21431	Rule actions working correctly with Access Control devices in Symphony

Release 6.12.4

Improvements	
AIR-14974	Warning displayed in client when external storage device unavailable 
AIR-20396	2-Way Audio Support for Axis P8221
AIR-20666	Support for Cyrillic license plate recognition in LPR engine
AIR-20725	I/O devices merge correctly during server merge
AIR-20756	Improved SDK documentation
AIR-20852	SDK documentation now accessible from Windows Start Menu list of Aimetis Symphony programs list
AIR-20922	Auto detection timeout increased to accommodate slow networks

Fixed	
AIR-18830	VE180 analytic correctly detecting loitering action
AIR-20534	Axis: Symphony Client functioning correctly when zooming M3007 in quad view
AIR-20613	Symphony correctly detecting Bosch Autodome 7000 HD camera
AIR-20671	Symphony correctly receiving alarm from ADAM device
AIR-20693	Vivotek camera disconnects and reconnects successfully
AIR-20722	**Add server from another farm** feature working correctly
AIR-20724	Client runs successfully after adding server to farm
AIR-20732	VE180 configuration settings maintained correctly after upgrade
AIR-20735	Backup restore process successfully restoring VE180 settings from before upgrade
AIR-20736	PTZ Lock Message only appears when necessary
AIR-20741	VE130 analytic correctly detecting motion in Axis corridor mode with dual stream
AIR-20753	Footage file management improved for large scale systems
AIR-20760	Log types labeled correctly in View Detailed Logs
AIR-20764	ALPR working correctly in dual stream mode
AIR-20775	PT091 autotracking corrected for dewarped image
AIR-20776	Export to CSV working correctly
AIR-20778	Timing issue with PTZ camera resolved, eliminating false motion detection issue

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Fixed	
AIR-20790	Direct connect working correctly with Axis cameras
AIR-20795	LPR installer completes correctly on Windows 2012 servers
AIR-20799	Large import of cameras successful
AIR-20800	Timeline working correctly for missed signals and disk full scenarios
AIR-20801	Restore backup feature working correctly
AIR-20802	Video wall switching working correctly
AIR-20803	Successfully regains database connection after shutdown
AIR-20804	Security profile switch messages correctly displayed when Clients restarted
AIR-20805	Active Directory Single Sign-On correctly adding user to Symphony
AIR-20806	Client runs successfully after Video Wall settings change
AIR-20808	**Manage Security** dialog box correctly displayed on monitor
AIR-20809	Correct permission message displayed for PTZ function
AIR-20810	Security profile correctly activated so that user does not appear in **Users Viewing Camera** list
AIR-20811	Videowall controller correctly connecting to videowall panels
AIR-20812	PTZ lock functionality working correctly for camera in Direct Connect mode
AIR-20813	Client runs successfully after maximizing/minimizing/closing/dragging videowall panels using videowall controller
AIR-20814	Symphony successfully saves changes in User Configuration
AIR-20815 **AIR-20816**	PTZ lock/unlock working consistently
AIR-20817	Alarms for banned devices appear only when expected
AIR-20818	Access Denied correctly for user from live ban group logged into client machine and adding cameras with Support Direct Connect enabled
AIR-20825	New alarm entry in Alarm Log correctly added to log
AIR-20826	Axis encoders setup as expected when added to Symphony
AIR-20851	Resolution properly scaling to fit analytics resolution
AIR-20865	License correctly updated after adding camera
AIR-20872	Rules can be configured so that after motion is detected on a camera, auto tracking can be triggered on a second camera. Note: When entering a time value in the rule (*force a PTZ camera to a location*), if auto-tracking is selected, then the label of the rule now reads: **Minimum seconds between activations of this rule**. The PTZ camera ignores rule-triggering events for this many seconds. This prevents the camera from going back to the target position if the rule triggers multiple times.
AIR-20881	Vivotek fisheye camera video displayed successfully on multi-view restore
AIR-20883	Watchdog correctly restarting tracker when one of two streams on camera inaccessible
AIR-20886	Client successfully updates automatically
AIR-20983	Rule using fence activating alarm based on correct direction
AIR-20955	Users Viewing Camera feature working correctly with Supervisor login

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Fixed	
AIR-21049	AXIS P8221 audio issues resolved
AIR-21056	Report counts correct for overhead people counting
AIR-21060	In Turkish OS, PTZ lock/unlock message working as expected
AIR-21061	Video Wall panel switching working correctly
AIR-21067	Live video continues successfully when client loading new user
AIR-21068	Clients upgrading correctly when servers are mixed versions
AIR-21069	Client running successfully when Quick Find launched
AIR-21138	Tracker working correctly
AIR-21171	Gaps no longer appearing in timeline
AIR-21179	RestartMediaGraph working successfully for restarted Axis camera
AIR-21183	PT091 works successfully with dual streams when used with either VE180 or VE150

Release 6.12.3.3

(Not generally released)

Fixed	
AIR-21015	Access to historical video after upgrade successful
AIR-21021	NetSendHist no longer crashing
AIR-21043	Footage indexes correct
AIR-21045	PT091 working correctly

Release 6.12.3.2

(Publically released in 6.12.4)

Fixed	
AIR-20938	Auto-tracking correctly starts when trigger by fixed camera Note: When entering a time value in the rule (*force a PTZ camera to a location*), if auto-tracking is selected, then the label of the rule now reads: **Minimum seconds between activations of this rule**. The PTZ camera ignores rule-triggering events for this many seconds. This prevents the camera from going back to the target position if the rule triggers multiple times.

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Release 6.12.3.1

New	
AIR-5322	Notify user if server farm becomes disconnected
AIR-16632	Added ability for Symphony to stream RTSP
AIR-18103	Support for Siemens SPC intrusion system
AIR-19802	Online backup (only) now includes most recent one day's worth of server logs. Stored in a logs.zip file.
AIR-19951 and **AIR-20182**	Color detection analytics. See Analytics and Client User guides.

Improvements	
AIR-19430	Contour-based object tracking
AIR-20150	P2000 Integration
AIR-20251	"**Change Image**" option for **Maps** now documented in ***Client User Guide***
AIR-20252	Symphony can connect with Gallagher server if Cardholder.FTItemID has a duplicate value
AIR-20358	VE180 analytic engine will take advantage of multiple CPU cores if available
AIR-20370	**Alarm Counts** report renamed to **Alarm Statistics**, and new report created called **Alarm Report** • **Alarm Statistics** - Summary (for example, per hour) of total alarms and how many are real-actionable, real non-actionable, and false • **Alarm Report** - A report on each individual alarm
AIR-20371	SDK Rule Configuration sample includes **Select Different Image** option in analytics
AIR-20523	VE180 and VE150 analytics now display the size/speed of an object. For calibrated cameras, size displayed in square meters and speed in meters per second. For uncalibrated cameras, size displayed in pixels/100 and speed is (pixels per second)/10. https://www.aimetis.com/Xnet/KB/KBArticleDetails.aspx?ID=10260
AIR-20544	Better Taiwanese LPR support
AIR-20557	Default configuration values in **Advanced** settings of VE180 analytic revised
AIR-20607	Upgrade to TeamViewer v9
AIR-20685	Support for v3.0 LPR dongles

Fixed	
AIR-10793	ACTi: .aira video clip plays successfully in Symphony Player
AIR-15735 and **AIR-19491**	Tracking boxes in correct location on cameras with multiple streams
AIR-15930	Support for Chinese characters in **Alarm Comments**

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Fixed	
AIR-16831	Joystick functioning properly after Client restart
AIR-17025	Live audio default setting successful when Client set to Chinese Traditional language
AIR-17310	Symphony Player successfully plays files with Chinese characters in filename
AIR-18783	Symphony AD authentication correctly synchronized in multi-server environment
AIR-18918	Symphony saves camera view layout filename properly by eliding unsupported symbols/characters
AIR-19886	**Add server from another farm** feature working correctly
AIR-19909	PTZ calibration successful on Samsung and Panasonic cameras
AIR-20055	ACTi audio input working correctly
AIR-20081	Video run back through Symphony successfully
AIR-20092	Video clip exported at 1FPS (.aira file) plays at correct speed
AIR-20143	Consistent video stream from Axis cameras
AIR-20158	Historical video plays at normal speed when using RTSP
AIR-20160	**Status** column updated correctly in **Server Farm** screen of **Server Configuration**
AIR-20166	Errors no longer generated in **Application Log** when multi-view closed
AIR-20167	VE180 does better job of tracking at low frame rates
AIR-20181	Thai LPR collation fixed
AIR-20185	Failover no longer occurs erroneously
AIR-20188	Images copied to file or clipboard have correct colors
AIR-20189	Web Client no longer prompts unnecessarily to install video plug-in
AIR-20217	Thai LPR plate confidence now logged
AIR-20219	Licenses no longer incorrectly allocated to non-camera devices
AIR-20223	AXIS M3007 + P8221 audio works
AIR-20227	Minimized de-warped quad view restored correctly
AIR-20241	Windows 8 layout issues resolved
AIR-20242	**Apply To All** button in the **Other** tab in **Camera View Settings** working consistently
AIR-20249	Wall mount camera panoramic views corrected
AIR-20283	Video decorations correctly displayed on webcam
AIR-20296	Lock UI functionality restored
AIR-20297	VE130 analytic able to find motion in small search areas
AIR-20332	Correct access maintained when panel switched to blank camera while device tree loading
AIR-20338	Clients authorized correctly after switching security profile
AIR-20339	Symphony **Messenger** supports Chinese characters
AIR-20375	Symphony Player installation process and launch successful
AIR-20378	Search works properly with VE180 analytic
AIR-20495	Adding cameras works faster
AIR-20536	Symphony successfully recording and emailing when alarm on motion rule triggered and camera set to **Never Record**

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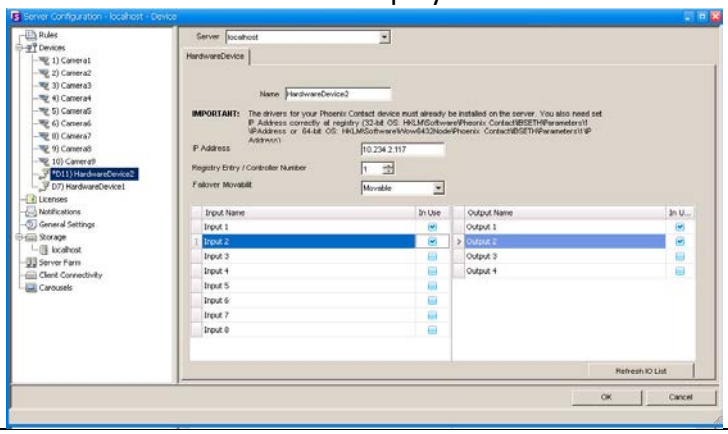
Fixed	
AIR-20539	Do not send blank alarm e-mail
AIR-20555	Calendar is correctly displayed in bold for the dates having footage and signal files available in \Video_footagearchive
AIR-20579	Chinese characters displayed correctly in **User Information** dialog box, **Description** field
AIR-20601	Rules trigger correctly on Flir and Axis PTZ cameras
AIR-20605	Camera correctly defaults to record **Always** in case where analytic removed or analytic switched to a non-motion analytic
AIR-20625	Lost camera connection alarm working correctly
AIR-20635	Tracker marks timeline correctly when noting edge storage
AIR-20296	User can successfully lock UI (**View>Lock>Lock UI**)
Known Issue	
AIR-20725	**Issue**: During a server farm merge, DIO devices fail to merge properly. **Workaround**: After merging farms: Task 1: On the destination farm, delete the IO device manually. 1. **Server>Configuration> Server Configuration** dialog box. 2. Right-click on **Devices** and delete the IO device. Task 2: On the destination farm, add the device again. 1. **Server>Configuration> Server Configuration** dialog box. 2. **New>Add a Hardware Device**> <type of device>. Add IP address, etc. The IO channels will be displayed. 

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Important: DevicePack and Export Feature

Symphony Release 6.12.2.x requires Device Pack 1.0.10.0 for Export to work.

Symphony 6.11.x (prior to 6.11.3) and 6.12.x releases earlier than 6.12.2 require device packs prior to 1.0.10.0 in order for export functionality to work.

Symphony Release	DevicePack Release Required	Export Functioning
6.**12.2.x**	1.0.10.0	**Yes**
6.**12.1** and earlier	1.0.9.x and earlier	**Yes**
6.**11.2** and earlier	1.0.9.x and earlier	**Yes**

Release 6.12.2.1

Fixed	
AIR-20199	InfoService correctly starts NetSendHist
AIR-20215	Thailand plate descriptions functioning correctly in Aimetis License Plate Recognition (ALPR)

Release 6.12.2

Contains Device Pack 1.0.10.0 and Spanish and French Help.

New	
AIR-19437	Generic de-warping functionality in Symphony, support for ENEO 5MP fisheye model. See https://www.aimetis.com/Xnet/KB/KBArticleView.aspx?ID=10250
AIR-18947	Generic de-warping functionality in Symphony, support for Axis M3007. See https://www.aimetis.com/Xnet/KB/KBArticleView.aspx?ID=10250
AIR-19942	JCI: support for metadata reception. Device Pack 1.0.9.0 or later is required for this functionality. See User Guides & Release Notes

Improvements	
AIR-19473	SDK: instructions and sample code provided for How to wrap OCX into a DLL and use in an MFC Application.
AIR-19474	Reports: **Totals** added to **Object Crossing Line** report
AIR-19581	Improved accuracy in PT091

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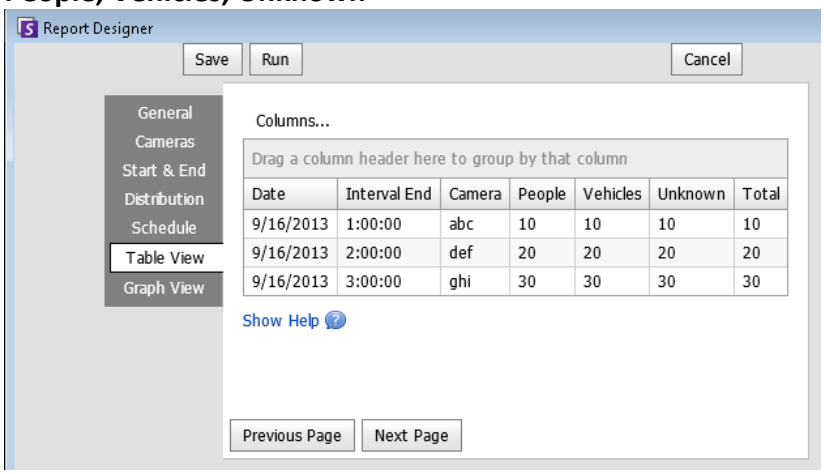
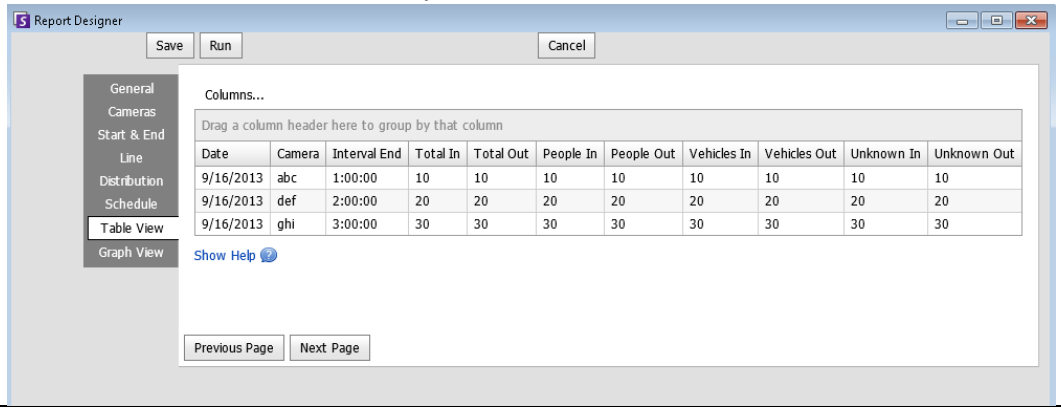
Improvements	
AIR-19583	Reports: New column includes object class New Columns for **Object Counts** Report: **People, Vehicles, Unknown**  New Columns for **Object Counts Across a Line** Report: **People In, People Out, Vehicles In, Vehicles Out, Unknown In, Unknown Out**, Count In -> Renamed to **Total In,** Count Out -> Renamed to **Total Out** 
AIR-19587	Storage and cleaner performance improved
AIR-19907	NAS storage performance improved

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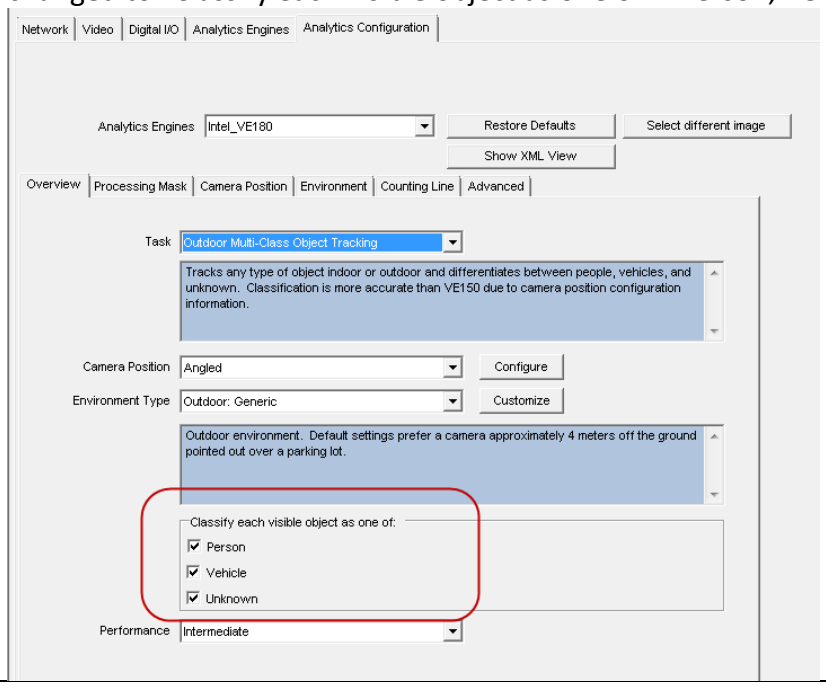
Improvements	
AIR-19939	VE180 – Analytics Configuration - **Overview** tab: Object Categories to Detect changed to “Classify each visible object as one of:” Person, Vehicle, Unknown 
AIR-19945	Improvements to DevicePack deployment Also new important message in KB article: https://www.aimetis.com/Xnet/KB/KBArticleView.aspx?ID=10165 When you install Symphony server, the **_updates** folder contains ONLY the Client Updates installer, not the DevicePack installer. Hence it CANNOT push DevicePack updates to clients. • If the client is a different version, it will push a CLIENT update which effectively updates the client's device pack. • If the client is the SAME version, it should have the same DevicePack version; hence no update is required. This means that if the client's DevicePack has been updated (or downgraded), the server will not automatically downgrade (or upgrade) it because it cannot. **Workaround**: If you install the SAME DevicePack on the Server, it will put the DevicePack client installer into the **_updates** folder and have no other real impact on the server. This will cause clients to update.
AIR-20004, AIR-20005	Various improvements resulting in customer benefits such as: • a slow disk will not result in missing footage • less expensive/slower storage (NAS/DAS/SAN/Local) can now work better with Symphony
AIR-20031	SDK installer now includes C++ runtime components
AIR-20061	Enhancements to Jacques IP intercom integration

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Improvements	
AIR-20101	Aira2Mpeg utility uses existing encoding when exporting to .avi or when converting .aira to other formats resulting in faster exporting/conversion and without compression artifacts

Fixed	
AIR-19447	**InfoService** restart correctly no longer triggers failovers
AIR-19452	**Heat Map Report** generating result for correct stream in in correct location
AIR-19518	**Camera Tree** and **Map** show correct states for ADAM device
AIR-19621	Jpeg image correctly corresponds with historical video stream in two-stream scenario
AIR-19795	Video Wall: Client connection maintained when creating 9 panel or larger multi-view
AIR-19832	Watchdog leaks resolved
AIR-19891	Symphony Client works consistently after deleting multiple camera tours
AIR-19893	Symphony Client works consistently after canceling add action for duplicate camera
AIR-19911	Changing services account username with **Symphony Manage Services** dialog box correctly updating username
AIR-19927	Importing CSV accepted with ports over 32767
AIR-19930	Symphony Client works consistently when controlling PTZ camera with PTZ Control panel
AIR-19932	Joystick functioning properly when cameras set to direct connect
AIR-19934	Client DevicePack Update process – Clarification added to KB article: https://www.aimetis.com/Xnet/KB/KBArticleView.aspx?ID=10166 **If an alert message indicating that a DevicePack with an older version number than the one already installed on the Client appears**: If you have Clients that connect to multiple servers, you should manage your DevicePack updates carefully because a server with an older DevicePack might want to update a Client that has a newer DevicePack. This exists only for the purpose of intentional downgrades.
AIR-19940	Client no longer continuously connects/disconnects under certain circumstances. See KB article: https://www.aimetis.com/Xnet/KB/KBArticleView.aspx?ID=10251
AIR-19947	PTZ lock working correctly in direct mode
AIR-19952	**Discover Devices** no longer results in server disconnect
AIR-19961	Images.zip no longer part of backup.zip files
AIR-19991	Permissions consistent when switching from Symphony authentication to Active Directory
AIR-20010	Camera Tree updated correctly on all clients
AIR-20011	PTZ lock functions working correctly
AIR-20013	PTZ indefinite lock working correctly
AIR-20014	Video Wall layouts sorted correctly in alphabetical order

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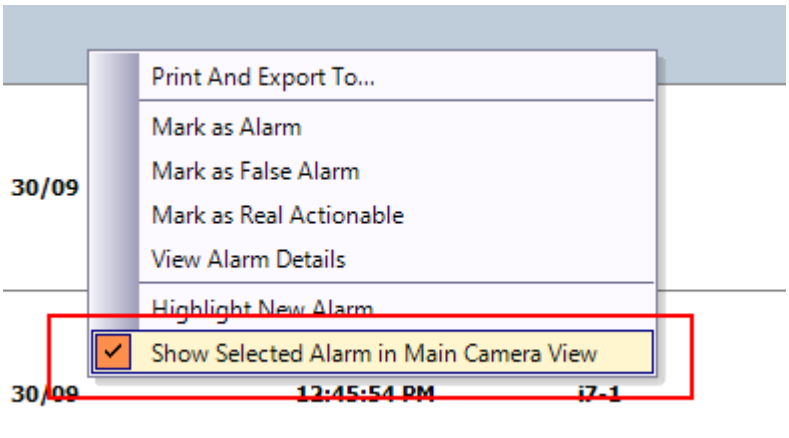
Fixed	
AIR-20015	Timeline in Symphony Web Client rendering correctly
AIR-20016	Server Registration working correctly with SSO
AIR-20017	**Users Viewing Cameras** dialog box shows correct user list
AIR-20018	Informative and instructional error message now provided to user whose security profile has changed while attempting to add devices in the **Camera Tree** dialog box: "The action cannot be performed because the security or device model has changed. Please re-open the window to load the latest model, and try again."
AIR-20020	Symphony correctly saving changed **Polling Frequency** in CPU **Overload Protection** of Server Farm
AIR-20022	**Device Tree Configuration** dialog box functioning correctly
AIR-20023	Alarm image correctly loaded when clicking on new alarm in **Alarm Log**
AIR-20024	**View Detailed Events** dialog box correctly displaying ALL events after user has clicked Yes to load more events
AIR-20025	Symphony client functions correctly when user switches quickly between **Add Another Tour** button and other buttons
AIR-20047	Device name change registered in **Camera Tree** within expected time
AIR-20048	Video wall functioning correctly when switching panels
AIR-20079	CSV imported camera list working correctly with redundant storage settings
AIR-20087	Thailand plates supported in Aimetis License Plate Recognition (ALPR)
AIR-20090	Alarm Log in Advanced mode context-menu option allows you to view the Alarm in the Main Camera View 
AIR-20099	MJPEG cameras showing correct colors in images
AIR-20141	Security permission of Deny PTZ Control correctly displaying permission warnings
AIR-20147	UPnP does not log errors. See KB article http://www.aimetis.com/Xnet/KB/KBArticleDetails.aspx?ID=10147 **Note:** Windows Server 2003 does not support UPnP.
AIR-20165	Images sent to File or Clipboard have correct colors
AIR-20173	Offline and online backup successfully created

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Release 6.12.1

Contains Device Pack 1.0.8.2 and Brazilian Portuguese Help

New

New	
AIR-19544	Automatic upgrade feature for Symphony Client Now includes Symphony Client upgrades in addition to Device Packs See also KB Article: How to change download scheduling and speed for Device Pack and Symphony Client updates
AIR-18646	360 cameras can be exported as de-warped view

Improvements

Improvements	
AIR-18834	Symphony now displays a message that not all ACTi camera resolutions are full field of view
AIR-18835	Symphony displays a warning message "Please refer to the device documentation for valid multi-stream configurations" on **Network** tab (**Device** settings) for cameras with restrictions on valid resolution/codec/frame rate combinations
AIR-19109	Support for PT091 running on multi-core to avoid running out of CPU on a single core
AIR-19170	Support for integrating 3rd party analytics into Symphony through the SDK
AIR-19195	Symphony displays more than 120 days of footage on calendar
AIR-19208	Improved performance from decreased CPU load on database
AIR-19217	Reduced CPU load due to camera storage download requests
AIR-19265	Grid spacing in VE130 analytic changed to improve motion detection
AIR-19289	Sony: Symphony can now auto-discover Sony devices (**Server Configuration>New>Discover Devices** button)
AIR-19358	Overload protection message now indicates which server has high CPU load
AIR-19460	Support for floating-point FPS in Device Settings

Fixed

Fixed	
AIR-13012	Unhandled exception issue upon Rule creation resolved
AIR-14400	Unhandled exception issue on ThreadPool resolved
AIR-15169	Unhandled exception issue after modifying log level in **Manual Configuration** editor resolved

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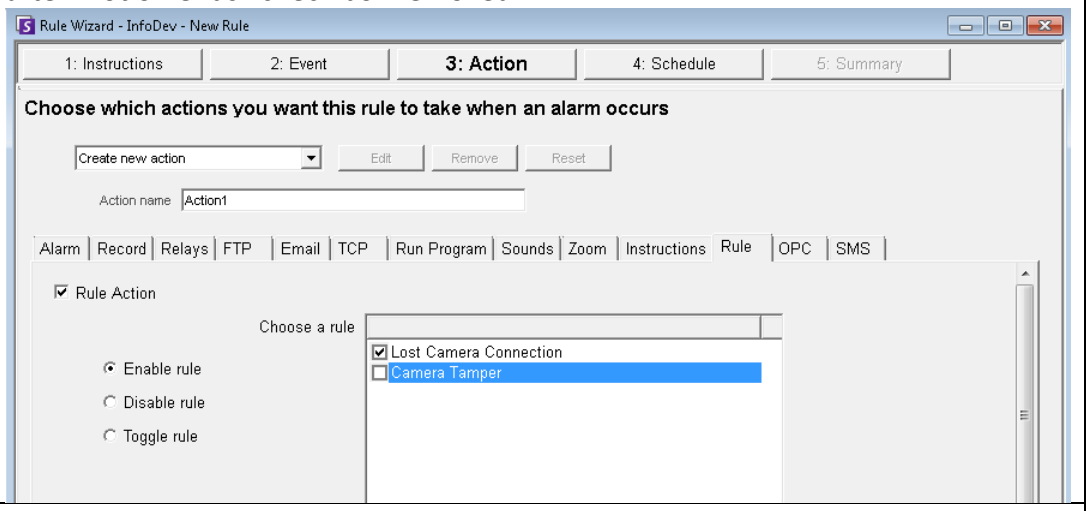
Fixed	
AIR-18772	Vivotek de-warp issues resolved: • Buttons displayed correctly when generating a report • Heat map with wrong tracking paths - if you change the camera resolution and see this issue, select a more recent image (with the camera resolution) • 3D person icons displayed correctly when increasing FOV to 180 degrees in VE180 analytic configuration
AIR-18950	Rule **Action**, **Rule** tab modified: Rule list now as check boxes and "Restore state after motion ends" check box removed 
AIR-18992	Correct camera list displayed in **Actions** screen of **Rule Wizard**
AIR-19014	User informed whether license old or expired when refreshing license from Aimetis.com
AIR-19093	Old footage deleted correctly with **Server>Delete Old Footage** function
AIR-19116	Connected subevents in Rules triggering alarms successfully
AIR-19117	Hikvision: 6104 video server playback speed working in entire range correctly
AIR-19136	FTP Action in Rule Wizard correctly sends all JPEG images to FTP server
AIR-19177	License message correctly displayed in language setting of Symphony and OS
AIR-19178	Event Logs contain user information when deleting a camera
AIR-19190	All devices correctly displayed after restored online backup used after reimaged VM and reinstalled Symphony
AIR-19202	Counting line displayed correctly after upgrade
AIR-19210	Tracker synchronization process working correctly
AIR-19270	VE352 recording on motion correctly. Also, VE352 now contains **Tracked Motion Detected by PC** option in **Video** tab, **Record Video** dropdown list.
AIR-19292	Videowall: Resolved cross-thread exception error message when opening videowall through second Symphony client
AIR-19297	Symphony functioning correctly when registering new video wall client in video wall designer
AIR-19310	SDK User Guide updated:

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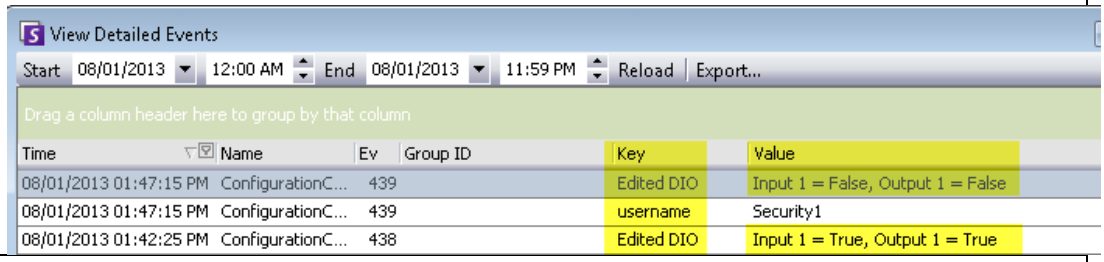
Fixed	
	https://www.aimetis.com/Library/Downloads/SDK_User_Guide.pdf
AIR-19323	_signals2 file correctly rolling over every hour
AIR-19334	Support for RTSP URL camera imported in CSV file with requested resolution
AIR-19340	Correct number of **Users Viewing Camera** tabulated in client using Direct Connect during minimized and restored Multi-views
AIR-19343	User can successfully view live video in direct mode from camera on down server
AIR-19344	Symphony Client functions correctly when opening Video Wall manager after SQL server stopped and restarted
AIR-19345	Symphony Client functions correctly (Maps feature) when database stopped
AIR-19348	Remote Video Wall multi-view modified using Video Wall manager. Both clients running successfully after Video Wall manager left open for one day
AIR-19364	**View>Activity for Cameras** time reference starts at midnight when dialog box first open or for a selected date
AIR-19391	Exceptions in **Rule Schedule** saved correctly
AIR-19405	SMTP port specification issues in **General Settings** resolved
AIR-19406	Vivotek: FE8171 Panoramic view working correctly
AIR-19418	HealthMonitor correctly starts only after detecting Phoenix device
AIR-19421	Symphony correctly keeps unmovable device status after a manual attempt or automatic attempt to move device to a redundant server
AIR-19444	**FTP** tab in **Rule Wizard Action**, **Resize transferred file** feature correctly resizing images
AIR-19450	Historical retrieval working correctly with multi-streams
AIR-19453	Changes to **Reduce Reflection** slider in analytic saved correctly
AIR-19468	Changing **PTZ Lock** settings correctly logs event with username in **View Detailed Events** dialog box
AIR-19479	**View Detailed Events** now shows more information about changes made to I/O in **Key** field • Added Groups/Devices • Edited Groups/Devices • Deleted Groups/Devices • Added Settings • Edited Settings • Deleted Settings • Edited DIO 
AIR-19488	Smooth video playback from Panasonic cameras with lower CPU usage

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Fixed	
AIR-19489	JPEGS: Correct video image produced without artifacts of video data from another time segment
AIR-19522	Validation check for potential URL redirection attack on port 50000 ensures users not redirected to wrong website
AIR-19547	Symphony correctly listing which servers failed
AIR-19556 and **AIR-19557**	I/O states correctly updated in **Camera Tree**
AIR-19686	Client auto-update process successful
AIR-19750	User prompted to restart machine in case where Windows Desktop Experience installed during a fresh Symphony install on Windows Server 2008, 2008 R2, and 2012 (if not already installed on machine)
AIR-19756	Disk reaching full capacity issue resolved
AIR-19764	Alarm log in advanced mode successfully handles thousands of alarms
AIR-19767	Client functions successfully with multiple maps and multiple items added to maps
AIR-19769	Server license issues resolved

Known Issue in 6.12.1

Server Farm	
AIR-19886	**Issue**: Adding a server to a farm in **Server Configuration** is temporarily non-functional. **Workaround**: Use the **Setup Wizard**. **Scope**: This only impacts users who want to create multi-server farms.

Release 6.12.0.1

Fixed

Fixed	
AIR-19271	Search functionality
AIR-19273	Redundant storage

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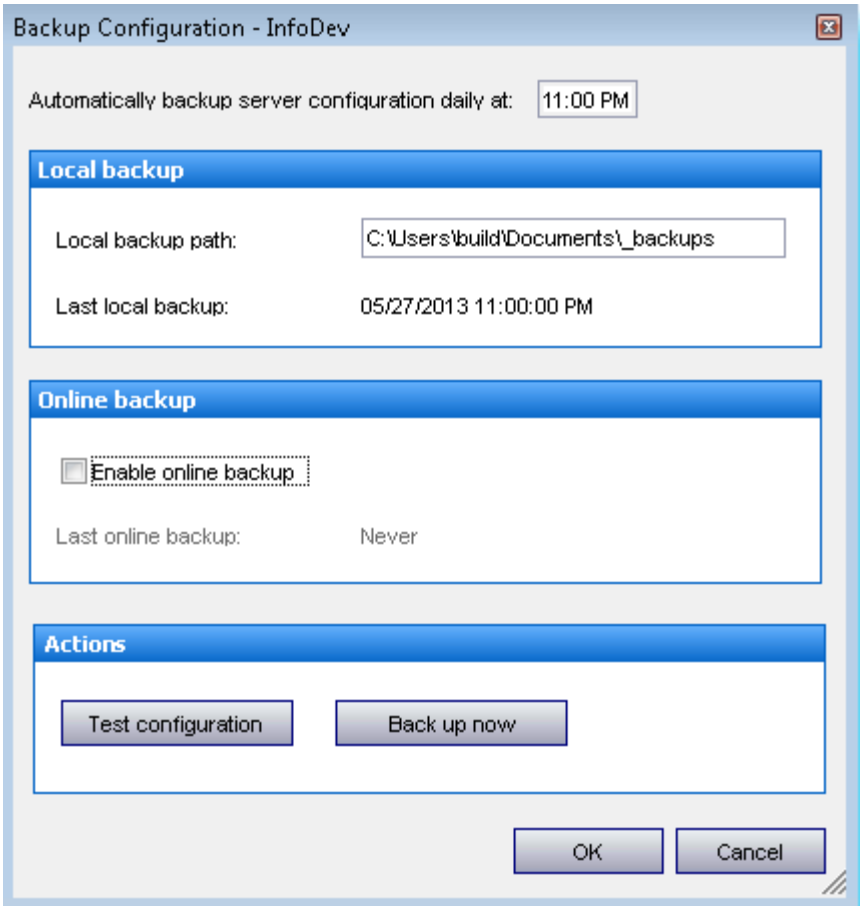
Release 6.12

New

New	
AIR-12959	Support for Bosch Dinion camera I/O ports in **Maps** and **Device Tree**
AIR-13920	New simple and robust online and local backup and restore functionality – Full instructions in Symphony 6.12 Administration Guide 

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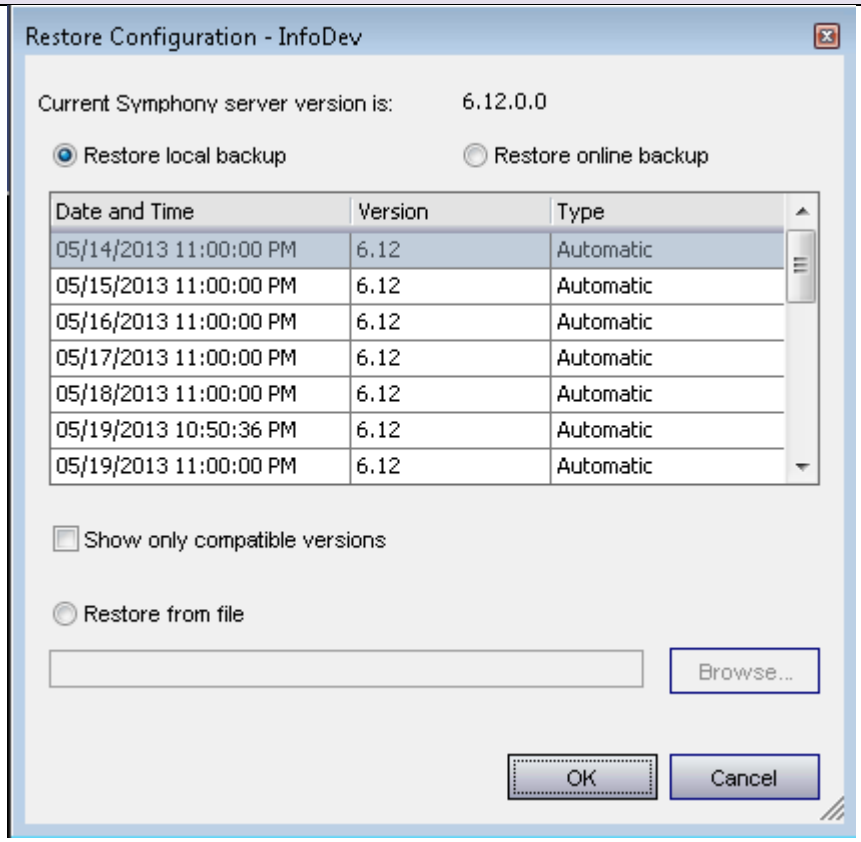
New	
	 Troubleshooting: https://www.aimetis.com/Xnet/KB/KBArticleView.aspx?ID=10212
AIR-15101	New camera movement compensation VE101 engine (BETA Release). No configuration required. Enterprise license required. To be used with VE150 or VE180. For an outdoor surveillance camera that is moderately shaken (such as when attached to a pole on a windy day). • VE101 incurs a large CPU penalty. To reduce CPU and storage utilization, no output of the stabilized video feed will be available – stabilization is run "live" in memory - frames are passed to the other analytics and then discarded. • The other video engines (VE150 or VE180) will run with delayed video (obtained from the video stabilization output), even if the live view is in real-time. Therefore, the tracking boxes will appear delayed about 1.5 to 2 seconds. The video engine's boxes around moving objects are stabilized, but the rendered video itself is not. Therefore the boxes may not line up exactly with moving objects. • We always recommend fixing the core issue, if possible, by physically attaching the camera to something stationary under all weather conditions.

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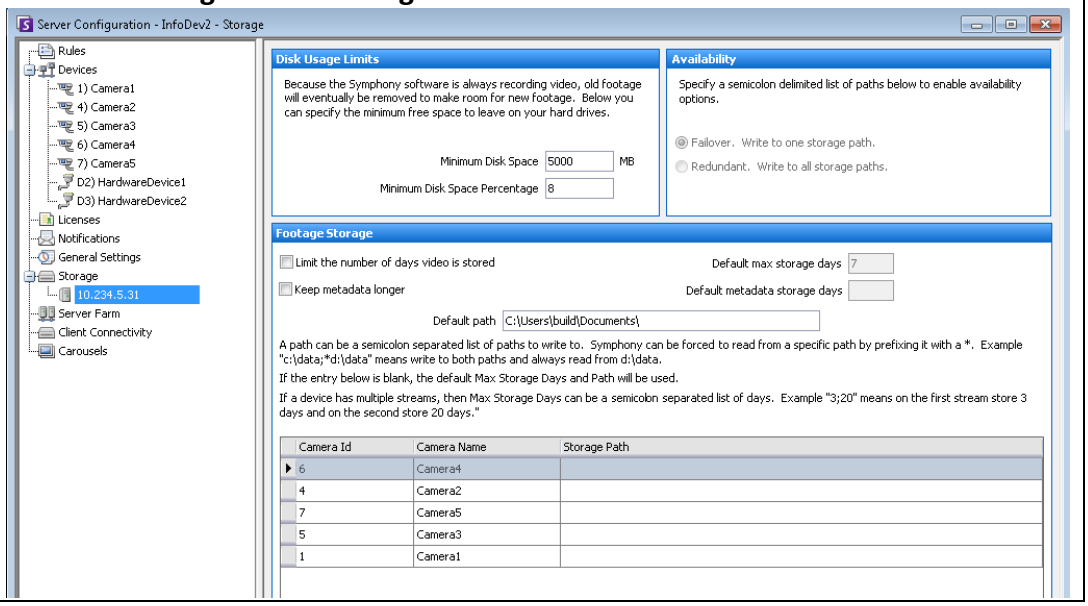
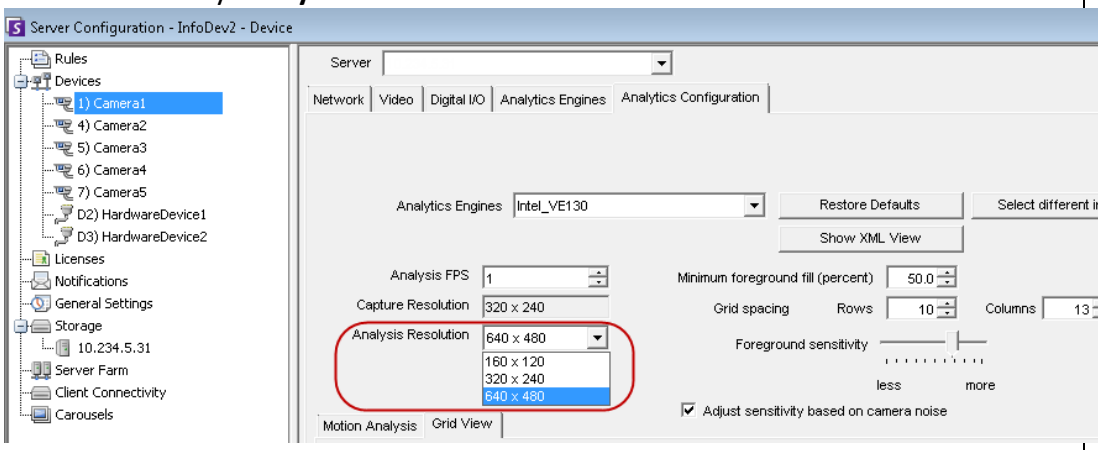
New	
AIR-18133 and **AIR-18518**	Read/write to multiple storage locations, failover recording – **Availability** section in **Server Configuration>Storage** 

Improvements

Improvements	
AIR-11947	Users can modify **Analysis Resolution** in VE130 

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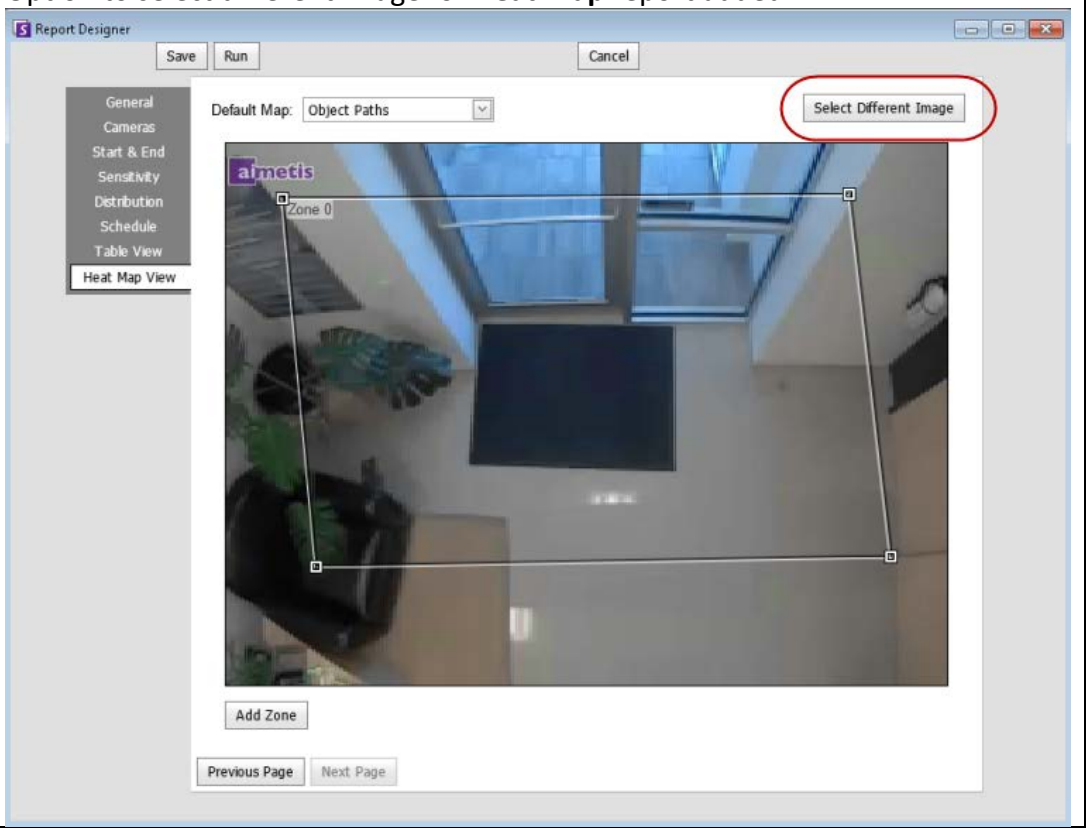
Improvements	
AIR-13555	Option to select different image for **Heat Map** report added 

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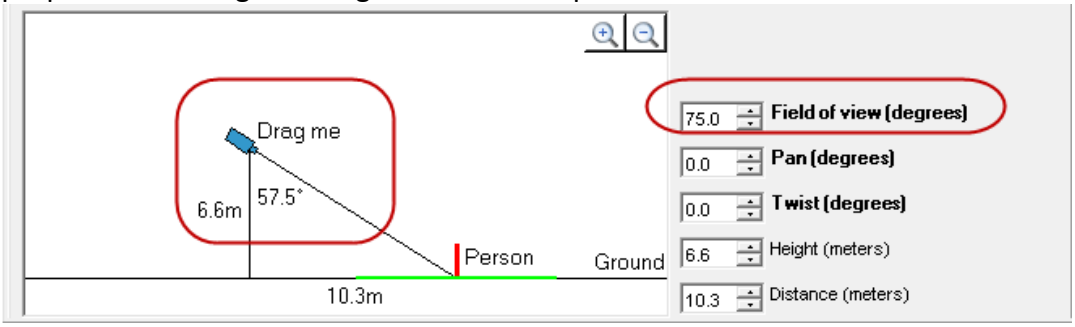
Improvements	
AIR-16417	**VE180: Mouse wheel perspective control** Allows you to control the amount of perspective in the scene without changing the overall scale. (Allows you to make a person icon a certain size while changing the **Field of view** so that the tilt of the other people icons and their relative size is correct.) Position the mouse over the little diagram. Rotate the mouse wheel to increase or decrease the **Field of view** in 2.5 degrees increments, creating an opposite proportional change in the ground distance parameter.  Example: Ground distance is 10.0 meters and the **Field of view** is 60 degrees. One mouse wheel click changes **Field of view** to 62.5 degrees and ground distance to (60/62.5)*10.0 = 9.6 m. A mouse wheel click in the other direction changes **Field of view** to 57.5 degrees and ground distance to (60/57.5)*10.0 = 10.43 m.
AIR-18699	Aimetis Physical Security Appliances (PSA): Customer warned when upgrading a PSA manually potentially to a release that has not been certified for the PSA
AIR-18831	Support for viewing video and PTZ control from IP cameras connected to JCI DVN5000 NVR
AIR-18976	Support for HikVision cameras in direct connect mode

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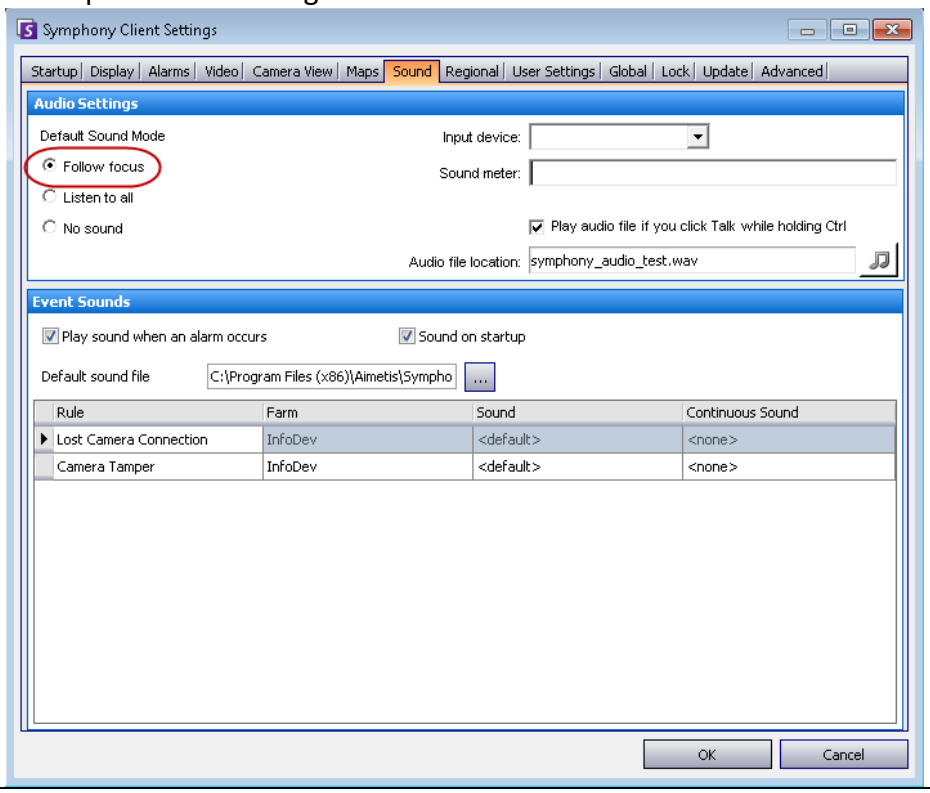
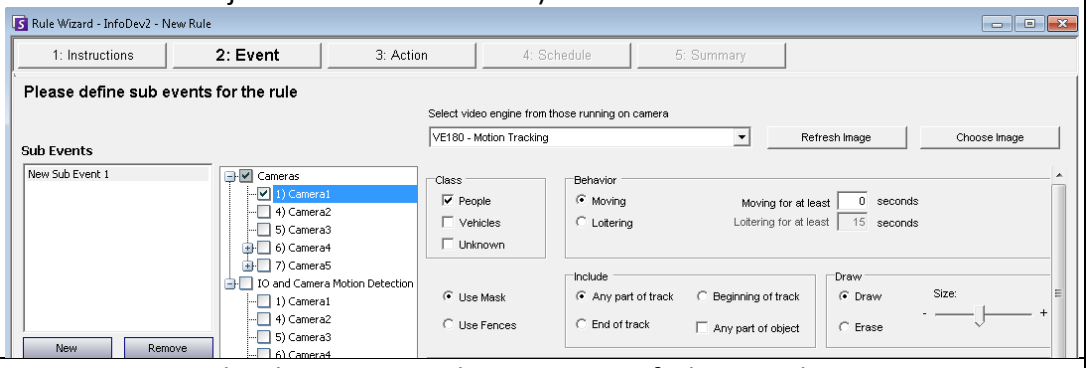
Improvements	
AIR-18981	New **Follow focus** option in **Sound** tab of **Client Settings.** Keeps sound setting when panel focus changed. 
AIR-19065	JCVS-IP2352422, JCVS-IP3352445, JCVS-IP141132336, and JCVS-IP1012211 cameras (supported as of Device Pack 1.0.6.1) are now auto-discovered with Symphony 6.12.

Fixed

Fixed	
AIR-11595	**Leaving** rule option (rule to trigger when an object is detected within a masked area and then object leaves masked area) has been removed from VE180 
AIR-14449	OpenCL support has been removed since Microsoft does not let services interact with the GPU

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Fixed	
AIR-16465	ALPR: Changing date correctly updates License Plate log
AIR-18176	Resolutions from 2nd stream in resolution range supported by the video analytic engine
AIR-18275	Video export from Client working correctly when server and client in different time zones
AIR-18520	Can successfully add server to farm
AIR-18534	Adding camera does ***not*** require Client restart after IP address of server changed
AIR-18551	PTZ camera correctly returns to Home position after unlocked by user
AIR-18659	Failover on multi-server farm: showing correct number of cameras on servers and correct number of redundant servers
AIR-18678 and **AIR-18680**	Importing large number of cameras successful
AIR-18683	Client on one machine accurately updated when changes made to same client running on another machine
AIR-18686	**Quick Camera Setup** dialog box from **Camera Tree** context menu appears only if user has Device-Change Settings permissions. **Camera Setup** context menu visible in **Camera Tree** only if user has Farm-Change Settings permissions.
AIR-18704	Rule icon color on **Maps** can be changed successfully
AIR-18742	Videowall generates error messages as expected when user tries to change a panel with an incorrect panel name or when the Client is not running
AIR-18766	**Pre Event** and **Post Event** fields for 2nd stream now contain default value of 15
AIR-18870	**Heat map** report generated correctly
AIR-18922	ONCAM: PTZ mouse control working reliably
AIR-18923	Alarm Statistics report generated successfully with cameras from different servers
AIR-18942	Hikvision: DS-6500/DS6516 encoders correctly auto-detected by Symphony
AIR-18946	**Rule Wizard** – **Sub events must occur** option**:** rule alarming correctly on sub event
AIR-18962	**General Settings** interface clarification – **Frame Time Deviation** now correctly reads as **Frame Rate Variance.** See also https://www.aimetis.com/Xnet/KB/KBArticleDetails.aspx?ID=10219
AIR-19000	SNMP walk command successful when setting SNMP Retries to 2. Instruction added to Administration guide: SNMP using UDP, set ***SNMP Retries*** to 2. (Using iReasoning MIB browser, for example, **Tools>Options>General tab, SNMP Retries=2** field.)

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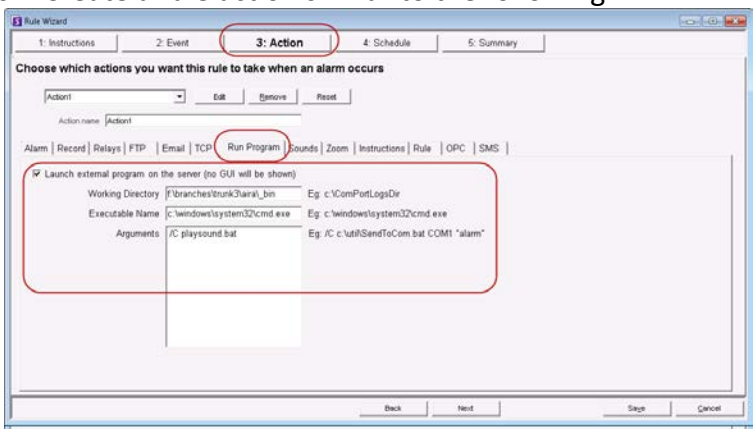
Known Issues

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): Example **psexec.exe -i 1** **C:\Program Files (x86)\Aimetis\Symphony_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: 

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Cardax Integration		
AIR-16857 Renumbered as PACK-254	**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 Renumbered as PACK-254**~~	~~**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~~. **Renumbered as PACK-254** **See DevicePack Release Notes 1.0.6.0**
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. **Will not fix.**
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 Renumbered as PACK-175	**Release 6.5**	**Vivotek FD8361 crops image in stream 2 and displays stream 1 when navigating away from camera**

Documentation		
~~**AIR-19192**~~	~~**Release 6.12**~~	~~6.12 HELP missing some VE180 interface changes. However, information is up-to-date and correct in the Aimetis Symphony 6.12 Analytics Guide~~. Resolved: 6.12.1 HELP updated

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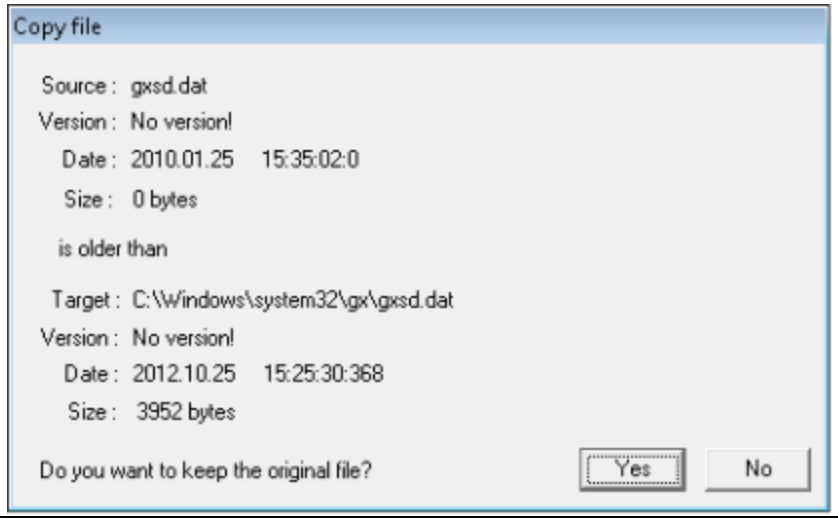
LPR		
AIR-17540	**Release 6.10.1**	When LPR installer prompts user with message regarding gxsd.dat file, user should select **No**. 

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