

# Aimetis Symphony 6.13

## 6.13 Release Notes

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## Document History

Date	Description
January 5, 2015	Release 6.13.2.4
December 12, 2014	Release 6.13.2.3 <i>not generally released</i>
December 3, 2014	Release 6.13.2.2 <i>not generally released</i>
November 19, 2014	Release 6.13.2.1 <i>not generally released</i>
November 13, 2014	Release 6.13.2
October 1, 2014	Release 6.13.1.4
September 3, 2014	Release 6.13.1.3
August 27, 2014	Release 6.13.1.2
August 20, 2014	Release 6.13.1.1
August 1, 2014	Release 6.13.1
June 25, 2014	Release 6.13.0.3
June 19, 2014	Release 6.13.0.2
June 13, 2014	Release 6.13.0.1
May 27, 2014	Release 6.13

## Release 6.13.2.4

### Fixed

Fixed	
AIR-24288	Symphony Client no longer displaying erroneous popup message to delete camera from farm

## Release 6.13.2.3 *not generally released*

### Fixed

Fixed	
AIR-24288	Symphony Client no longer displaying erroneous popup message to delete camera from farm

## Release 6.13.2.2 *not generally released*

### Fixed

Fixed	
AIR-24237	Axis P7016 encoder tracker CPU usage decreased
AIR-24238	Multiple ADAM devices on one server working correctly on failover

## Release 6.13.2.1 *not generally released*

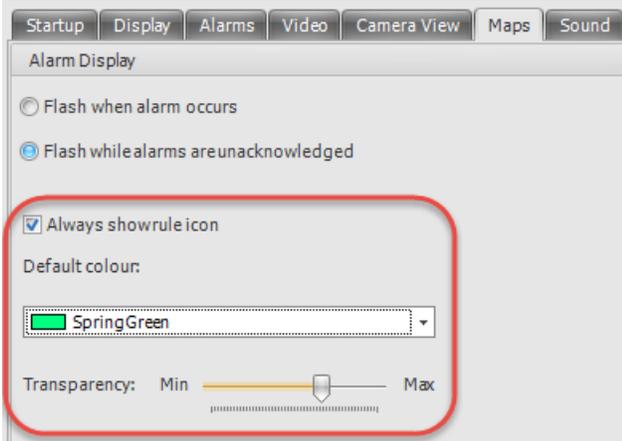
### Fixed

Fixed	
AIR-24077	Heatmap report contains correct and complete data for recorded days

## Release 6.13.2

Includes previously privately released 6.13.1.x patch updates as of August through October 2014.

### Improved

Improved	
<b>AIR-1944</b>	Digital zoom available for videos played in Symphony Player
<b>AIR-7687</b>	Analytics: New video record mode added: <b>Schedule and Pixel Changes Detected by PC</b> that records whenever pixel changes are detected as objects are tracked through the scene, but only during the time period specified. <b>Note:</b> The Symphony license determines which Analytics options are available.
<b>AIR-17463</b>	Analytics: Display warning on video "Dropping frames due to insufficient processing resources. Try reducing analytics resource needs" for supported cameras when frames are not processed quickly enough or frames are dropped
<b>AIR-21863</b>	<p>On <b>Client Settings &gt; Maps</b> tab, you can now define whether rule icons are always visible with a specific colour and transparency level using the <b>Always show rule icon, Default color, and Transparency</b> options.</p>  <p>When configured, all rule icons on maps share the same color (and any configured transparency value) when not in an alarm. When an alarm occurs, the rule icons can be different colours, as defined on the <b>Alarms</b> tab.</p>
<b>AIR-21864</b>	<p>When a camera is set to <b>Switch view when an alarm occurs</b>, you can now lock and unlock the current video using a keystroke in addition to right-clicking and selecting <b>Enable Automatic Switching</b>.</p> <p>Press and hold <b>SHIFT</b> and click the video panel to temporarily pause and prevent camera switching. Repeat it to resume camera switching. (ShowEventSwitchingLock=True must be set in the acc.ini file) See: <a href="http://www.aimetis.com/Support/kbarticle.aspx?ID=10326">http://www.aimetis.com/Support/kbarticle.aspx?ID=10326</a></p>
<b>AIR-22284</b>	Improved alarm generation
<b>AIR-22911</b>	Help now available online and in Symphony installation

Improved	
<b>AIR-23417</b>	SDK changes – See SDK documentation
<b>AIR-23437</b>	PTZ location displayed on Live and Historical views
<b>AIR-23543</b>	VE180 Outdoor default interface parameters updated
<b>AIR-23553</b>	SDK: User can stop video via new <b>None</b> Camera option
<b>AIR-23568</b>	AXIS Edge Storage: download process from SD card restarted automatically after interruption
<b>AIR-23847</b>	Erroneous switching to port 1756 in direct connection to Bosch camera corrected
<b>AIR-23947</b>	Export Video now has option to include Symphony Player when exporting aira files

## Fixed

Fixed	
<b>AIR-11141</b>	Emailing picture as linking working correctly
<b>AIR-11266</b>	Correct image saved/displayed when selecting Send Picture To in multiview
<b>AIR-12008</b>	Full image saved when Send Picture To selected in live/recorded video
<b>AIR-16928</b>	<b>Help &gt; Report an Issue</b> includes all server logs
<b>AIR-17463</b>	For high CPU usage with PT091 and VE180, warning message displayed: “Dropping frames due to insufficient processing resources”
<b>AIR-17894</b>	RTSP URL video format setting saved and applied correctly
<b>AIR-20240</b>	Videowall: Working correctly when loading new device model
<b>AIR-20879</b>	Farm reporting correct version after backup restored
<b>AIR-20921</b>	Alarm log alarm rule names no longer displaying as blank
<b>AIR-22302</b>	<b>Server &gt; Video Wall</b> option no longer causing the Client to hang
<b>AIR-22551</b>	Johnson Controls P2000 Access Control working correctly - multiple rules can be tied to the same events and the same alarm camera
<b>AIR-22769</b>	Multiviews working correctly with two or more PTZ cameras using joystick control
<b>AIR-22839</b>	LPR functioning correctly in Windows 7, Chinese edition
<b>AIR-22857</b>	<p>Re-starting Symphony services via the Client re-enables and restarts all tracker services, even trackers currently disabled.</p> <p>The following setting configured via the Manual Configuration Editor ensures that trackers remain disabled when services are restarted:</p> <p>Type: Global  Section: Main  ID: &lt;empty string&gt;  Key: EnableTrackersBeforeStart  Value: &lt;either “true” or “false”&gt; - set to “false” to ensure that disabled trackers remain disabled after a service restart</p>
<b>AIR-22882</b>	LPR working correctly. “License plate recognition hardware lock error” avoided
<b>AIR-22936</b>	Video rendering improvements implemented
<b>AIR-22967</b>	Frame rate variances causing unsynchronized playback resolved

Fixed	
AIR-23034	Web Client timeline displays the PTZ Auto tracking timeline (pink line) indicators correctly
AIR-23038	<b>Server &gt; Services &gt; Manage Symphony Services &gt; AI Infoservice &gt; Toggle</b> no longer producing erroneous error
AIR-23074	Decoration “camera tour enabled” visible when Camera Tour enabled ( <b>Right-click on live video &gt; Camera Tour &gt; Enable</b> )
AIR-23119	After connecting to the Gallagher access control device initially, checkbox options can be selected
AIR-23121	Privacy masks working correctly for edge storage historical video
AIR-23124	Connecting to Access Device with incorrect credentials displays appropriate error
AIR-23125	Clicking <b>Ignore</b> when you see a “Server is not connected” message now adds that server to an acknowledged list, and users now only see unacknowledged server messages display
AIR-23154	SDK: Alarm Time displaying server’s local time instead of Coordinated Universal Time (UTC)
AIR-23155	SDK: Privacy masks working correctly <b>Note:</b> Privacy mask is not applied in direct mode
AIR-23156	Privacy Masks working correctly with rules, video searches, and when managing analytics configuration
AIR-23176	Chinese characters correctly displayed in playback video
AIR-23177	The URL to access the Web Client with username, password, and a live video of a specific camera ID using URL variables has been changed to: http://[SERVERNAME]:50000/login.aspx?U=jsmith&P=FIY1TQ %3D&C=7&R=1 See the KB article <a href="https://www.aimetis.com/Support/kbarticle.aspx?ID=10311">https://www.aimetis.com/Support/kbarticle.aspx?ID=10311</a> for further details.
AIR-23192	Decoration color settings propagated throughout all servers in the server farm correctly
AIR-23193	<b>Server Configuration</b> dialog <b>Server</b> field displays the hostname of the server where the device is connected
AIR-23194	SDK: Panel switching working correctly
AIR-23195	<b>Device List</b> correctly populated following server upgrade
AIR-23196	Disabled PTZ notifications include usernames which are visible only to users with administrative privileges
AIR-23197	Phoenix: Input mapping corrections implemented to prevent missing and duplicate input triggers
AIR-23198	Video decoration font improvements implemented
AIR-23199	Licensing working correctly in large multi-server farms where servers have multiple MAC addresses and network interface controllers
AIR-23200	When a connection is lost, or a camera moves to a different server, client reconnects to historical video stream correctly
AIR-23201	Camera tree updating immediately following device model changes. New devices added show with <b>ID</b> of <b>0</b> until the server updates with the correct

Fixed	
	camera ID
<b>AIR-23202</b>	Videowall: Mixed mode working correctly where server version is different than client version
<b>AIR-23203</b>	Videowall: In a multi-server farm environment, concurrent panel switch commands working correctly
<b>AIR-23204</b>	Creating a <b>New Camera View</b> from an existing camera group working correctly
<b>AIR-23205</b>	<b>Device Tree</b> Configuration <b>Cancel</b> option working correctly
<b>AIR-23206</b>	Device model changes applied correctly when the <b>Server Configuration</b> dialog is open
<b>AIR-23207</b>	When importing a PTZ camera as a fixed camera, editing the camera's device configuration overwrites the camera type correctly
<b>AIR-23208</b>	Maps: Client connection status visible in <b>Maps</b> panel
<b>AIR-23210</b>	Web Client: Server connection performance and logging enhancements implemented
<b>AIR-23211</b>	Video recording stops correctly when an alarm is triggered for a camera set to never record with a post-event buffer; recording stops when the entire post-event buffer is complete
<b>AIR-23228</b>	Creating and managing map links no longer result in duplicate data
<b>AIR-23234</b>	VE150 and VE180 showing images in the correct aspect ratio
<b>AIR-23241</b>	Timeline: Purple circle displays the correct time
<b>AIR-23243</b>	Restricted users can view live video when the database is unavailable
<b>AIR-23244</b>	Moving digital I/O devices to another server signalled correctly via SNMP
<b>AIR-23245</b> <b>AIR-23250</b>	Timeline: Purple circle indicating the current video panel position displaying correctly
<b>AIR-23246</b>	Speed improvements implemented when switching live video via direct connection
<b>AIR-23247</b>	<p>You can now hide the mouse cursor on live video displaying on any video panel. When this feature is enabled, the mouse cursor disappears after five (5) seconds of mouse inactivity. The cursor reappears immediately when the mouse moves or when an alarm popup appears in the system tray.</p> <p>This feature is disabled by default. To enable the feature per server, edit <code>%appdata%\&lt;ProductFolder&gt;\acc.ini</code> and change the following parameter as needed:</p> <p><b>[CameraVideoView]</b> <b>CursorOffOnVideo=True</b></p> <p><b>Note:</b> When an Alarm popup appears in the system tray, the cursor disappears five (5) seconds later until another alarm is detected.</p>
<b>AIR-23249</b>	Setup Wizard working correctly in silent mode
<b>AIR-23251</b>	Viewing blank camera working correctly
<b>AIR-23253</b>	Symphony Manager services working correctly for users with Administration

Fixed	
	privileges
<b>AIR-23254</b>	Web Client: Banning and unbanning video no longer causes camera tree display issues
<b>AIR-23255</b>	Changing video decoration transparency working correctly
<b>AIR-23256</b>	<b>Users Viewing Camera</b> option refreshing correctly when logged in user changed
<b>AIR-23257</b>	<b>Help &gt; Report an Issue &gt; Upload to Aimetis</b> option saves file to desktop correctly
<b>AIR-23258</b>	Video export working correctly
<b>AIR-23259</b>	<b>Device Tree</b> configuration Apply option no longer resulting in Client crash
<b>AIR-23260</b>	Web Client: Server popup messages display and refresh correctly showing a maximum of 3 messages at any time
<b>AIR-23261</b>	Videowall: No longer logging erroneous "Failed to connect to videowall controller" error during load balancing
<b>AIR-23262</b>	Web Client: Timeline hidden after banning device
<b>AIR-23264</b>	<b>Switch view when an alarm occurs</b> functionality working correctly without logging erroneous exceptions
<b>AIR-23265</b>	Videowall: Decoration transparency settings pushed correctly to all viewers
<b>AIR-23266</b>	Videowall Manager: No longer logging error when changing video quality
<b>AIR-23267</b>	Videowall: Performance improvements implemented
<b>AIR-23268</b>	<b>Server Configuration &gt; General Settings &gt; Decoration Text Background color</b> preview displays the color name for Black and White and specific RGB values for any other specified color <b>Note:</b> Color preview does not include any configured Transparency value
<b>AIR-23269</b>	When attempting to switch panels using the SDK to unregistered clients, a notification error is displayed
<b>AIR-23271</b>	Videowall: Clicking <b>Refresh</b> in <b>Videowall Manager</b> working correctly
<b>AIR-23252</b> <b>AIR-23263</b> <b>AIR-23270</b> <b>AIR-23272</b> <b>AIR-23273</b>	Videowall: No longer logging erroneous errors when switching panels
<b>AIR-23274</b>	Videowall: Blue panel errors no longer displaying and File > Send Picture working correctly
<b>AIR-23275</b>	Digital I/O rules import and export via CSV loading policies and rules correctly
<b>AIR-23276</b>	View Current Logins functionality ( <b>Server &gt; View Logins &gt; Current Logins</b> ) displays computer hostnames only and not IP addresses
<b>AIR-23277</b>	Client lock Panel add/Panel close functionality working correctly <b>View &gt; Settings &gt; Lock &gt; Panel adding/closing</b> hides related menu buttons and their associated <b>View</b> menu options
<b>AIR-23278</b>	Modifications to Messenger message text size and position are correctly applied and updated
<b>AIR-23295</b>	Vivotek: Live & historical audio sound working correctly
<b>AIR-23304</b>	VE180: Outdoor Mode > Advanced Configuration > New Object Min Travel

Fixed	
	(Meters) Distance default set to 1.0 m
<b>AIR-23325</b>	Client no longer locked for up to 30 seconds when exporting video from server with older software version
<b>AIR-23327</b>	<b>View &gt; Settings &gt; Maps &gt; Always show maps icon</b> option & color selection defines rule color correctly when a rule is dragged onto a map and when rule is triggered. Support also added for custom colors.
<b>AIR-23328</b>	SDK: Able to get historical JPEG for the selected time or a current JPEG through LiveStreamTest as desired. In the Alarms section can now request to fetch new alarms on demand.
<b>AIR-23351</b>	Automatic backup upload failures no longer resulting in the storage of multiple, unnecessary backup files
<b>AIR-23352</b>	Server > Backup working correctly locally and online
<b>AIR-23356</b>	Following a Symphony upgrade, accessing historical video captured prior to the upgrade working correctly
<b>AIR-23358</b>	Opening <b>Server &gt; User Configuration</b> no longer hanging intermittently
<b>AIR-23359</b>	Client interface unlock functionality no longer displaying erroneous permission error
<b>AIR-23360</b> <b>AIR-23363</b>	Client interface refresh and video playback performance improvements for deployments with many devices
<b>AIR-23362</b>	Manually overriding camera record mode working correctly
<b>AIR-23364</b>	Touching a hidden mouse cursor no longer results in an erroneous error message when playing historical video
<b>AIR-23365</b>	Device I/O triggering alarms correctly during database outage
<b>AIR-23366</b> <b>AIR-23639</b>	Multiple cameras video export working correctly
<b>AIR-23390</b>	Setup wizard working correctly in silent mode
<b>AIR-23398</b>	Cameras successfully moved during server merge
<b>AIR-23399</b>	Adding a second video stream when Symphony storage ( <b>Server &gt; Configuration &gt; Storage</b> ) is configured to use <b>Max Days</b> working correctly
<b>AIR-23406</b>	<b>New Report &gt; Heat Map Report &gt; Next Page &gt; Camera Selection &gt; Heat Map view &gt; Select Different Image</b> option results in error message "Failed to get image from camera" when camera is disconnected
<b>AIR-23417</b>	Interface improvements implemented, including the ability to: <ul style="list-style-type: none"> <li>• Subscribe to live events over a TCP stream</li> <li>• Retrieve historical events via Mobile Bridge Server</li> <li>• Subscribe to specific Symphony events including rules and license plate detections</li> </ul> An SDK sample demonstrates how to get historical alarm & LPR events from Mobile Bridge, as well as subscribe to and unsubscribe from live events.
<b>AIR-23423</b>	Chinese: "Connection Failed" message translated
<b>AIR-23429</b>	SDK: Clicking Mark Alarm in a Live Stream Test with no alarm selected no longer displays erroneous error message

Fixed	
AIR-23431	SDK: During a Live Stream Test, clicking on any option no longer switches the current camera to another camera
AIR-23432	SDK: SSL support added to Mobile Bridge SDK sample application
AIR-23441	<b>Server &gt; Configuration &gt; Swap Servers</b> working correctly
AIR-23442	Switching to a docked quad view working correctly
AIR-23443	VE140/VE141: Choose Image button removed since these algorithms are not configurable
AIR-23471	SDK: Adding alarms to camera and inserting alarms working correctly
AIR-23473	Rules: Importing cameras via CSV file for an alarm event rule working correctly
AIR-23508	Changing the analysis resolution on one tour location for a PTZ camera tour no longer displays erroneous on-screen error message when the camera moves to that location
AIR-23523	Camera Setup for RTSP video streams added to the Device Tree working correctly
AIR-23529	Changing between different multiple camera views working correctly
AIR-23532	SDK: Mobile Bridge returns a current JPG regardless of whether or not the tracker is configured to record
AIR-23533	Corrected issue where the permission system became partially corrupt if multiple users adjusted the same permission at the same time
AIR-23546	When resizing the video area, video playback continues to play correctly
AIR-23554	SDK: Mobile Bridge live video displayed only once camera is selected
AIR-23555	Video export working correctly
AIR-23558	SDK: Mobile Bridge camera list working correctly after disconnecting and reconnecting to a server farm
AIR-23580	Setup Wizard completion no longer erroneously runs Windows Program Compatibility Assistant
AIR-23593	When de-warping historical video, the <b>Send Picture to</b> option dewarps the video image correctly
AIR-23594	Switching cameras in the Device Tree to configure a camera that is off is working correctly
AIR-23596	SDK: Export Video sample includes a Disconnect button to change the farm for video export
AIR-23597	SDK: Mobile Bridge camera option None blanks camera view
AIR-23599	Modifying locations and camera tours and closing camera views working correctly
AIR-23640	SDK: Mobile Bridge camera additions and deletions working correctly
AIR-23647	Direct connect video displays proper date and time
AIR-23651	SDK: Export video sample working correctly
AIR-23705	Changing algorithms when the PT091 analytic and dual video streams are enabled is working correctly
AIR-23707	Users are notified when event log data is unavailable via <b>Server &gt; View Logins</b> and <b>Help &gt; View Detailed Events</b> due to the Event Log being disabled ( <b>Server &gt; Configuration &gt; General Settings &gt; Event Log &gt; Enable Event Log</b> )

Fixed	
<b>AIR-23722</b>	Lost Camera Connection alarms are received and camera connections are not re-established in the event that the database becomes temporarily unavailable
<b>AIR-23848</b>	Chinese: STMP server label size adjusted to fit text
<b>AIR-23859</b>	Restoring configuration from backup on multi-server farm working successfully
<b>AIR-23921</b>	Log cleaning issue corrected to rectify issue of multiple trackers found in stopped state and unsuccessful fail-over
<b>AIR-23950</b>	Daily scheduled alarm report working correctly on multi-server farm. Important: Reports are run only on master servers.

## Release 6.13.1.4

(Not generally released)

### Fixed

Fixed	
<b>AIR-23584</b>	SDK: Farm Test sample includes a new Loop Video option and a Video Length (seconds) control. When Loop Video is enabled, switching the panel to the historical video loops the video for the length of time specified.
<b>AIR-23587</b>	Camera tour location name decoration available for live and historical video See <a href="https://www.aimetis.com/Xnet/KB/KBArticleView.aspx?ID=10320">https://www.aimetis.com/Xnet/KB/KBArticleView.aspx?ID=10320</a> for details

## Release 6.13.1.3

(Not generally released)

### Fixed

Fixed	
<b>AIR-23412</b>	WebClient: Timeline is hidden immediately after banning a device
<b>AIR-23413</b>	WebClient: Reloading URL to show specific camera correctly displays live video

## Release 6.13.1.2

### Fixed

Fixed	
<b>AIR-23388</b>	Following a Symphony upgrade, able to access historical video captured prior to the upgrade

## Release 6.13.1.1

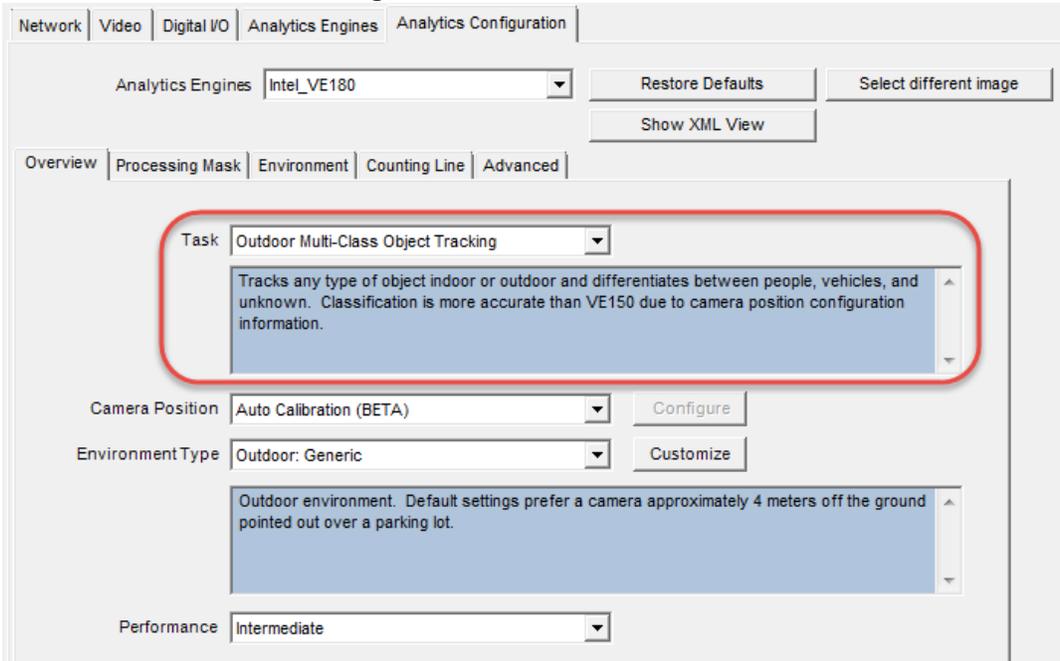
### Fixed

Fixed	
<b>AIR-23393</b>	Client no longer locked for up to 30 seconds when exporting video from server with older software version

## Release 6.13.1

Includes previously privately released 6.13.0.1, 6.13.0.2, and 6.13.0.3 patch updates.

### New

New	
<b>VIS-86</b>	<p>VE180 Outdoor Multi-Class Object Tracking implemented and features the following improvements:</p> <ul style="list-style-type: none"><li>• increased robustness to environmental conditions</li><li>• better suppression of shadows</li><li>• updated object overlap penalty to prevent tracking boxes within masked out regions</li><li>• reduction of CPU usage</li></ul> 
<b>AIR-19295</b>	Automatic calibration support added for perspective cameras (overhead or angled view)
<b>AIR-20624</b>	<p>Automatic calibration added to VE180 analytics configuration for supported devices.</p> <p>Automatic calibration determines the optimal camera configuration for scenes containing people. You can switch to manual calibration at any time, and the system retains the last best estimation of camera position detected.</p> <p>Auto Calibration option available in <b>Server Configuration &gt; Devices &gt; Analytics Configuration &gt; Overview &gt; Camera Position</b></p>

## New

Network | Video | Digital I/O | Analytics Engines | Analytics Configuration

Analytics Engines: Intel\_VE180 [v] Restore Defaults Select different image  
Show XML View

Overview | Processing Mask | Environment | Counting Line | Advanced

Task: Indoor People Tracking [v]  
Tracks people indoor or outdoor from overhead or angled positions. Place camera as overhead as possible for best results.

Camera Position: Auto Calibration (BETA) [v] Configure

Environment Type: Indoor: Retail [v] Customize  
Indoor scene with heavy pedestrian traffic or one in which people remain stationary for long periods.

Performance: Intermediate [v]

### AIR-22945

Clear alarms configures how Symphony Client clears alarms in the alarm log every 24 hours at midnight.

On each server, edit `%appdata%\<ProductFolder>\acc.ini` and change the following parameter as needed:

#### [Main]

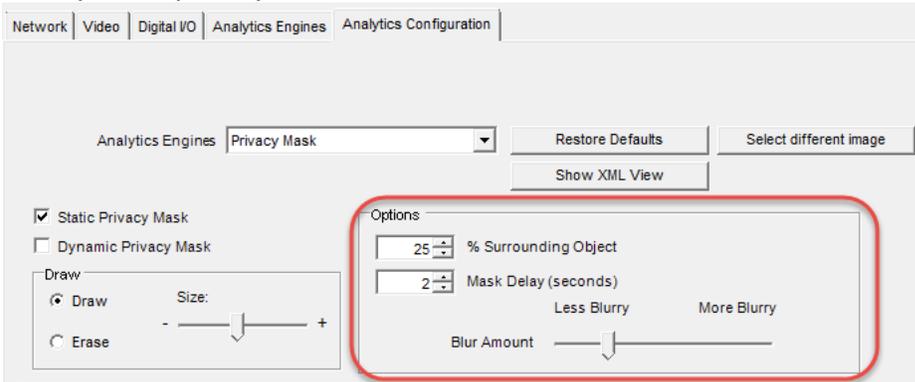
**ClearAlarms = All**

Values include:

- **All** (default) – all alarm logs are cleared
- **None** – alarm logs are not cleared
- **Marked** – only alarm logs marked as acknowledged
- **Viewed** – only alarm logs marked as viewed are cleared

**Note:** Alarms generated less than 24 hours in the past are never deleted regardless of how the Client is configured.

## Improved

Improved	
<b>AIR-20083</b>	Support added for Windows 8.1 Enterprise Edition, 64-bit Operating System
<b>AIR-22334</b>	Arecont: Auto Discovery support added via <b>Server Configuration &gt; Discover Devices</b> feature
<b>AIR-22846</b>	VE180 indoor tracking shadow suppression improvements implemented
<b>AIR-22749</b>	<p>Privacy mask improvements implemented:</p> <ul style="list-style-type: none"> <li>• <b>% Surrounding Object</b> – the percentage of the area the privacy blur is applied to beyond the tracking box. Applies only to dynamic privacy masks.</li> <li>• <b>Mask Delay (seconds)</b> – the number of seconds to remember the position of tracked objects and continue blurring their previous position. Applies only to dynamic privacy masks.</li> <li>• <b>Blur Amount</b> – the amount of blur applied to the area. Applies to both static and dynamic privacy masks.</li> </ul> 
<b>AIR-22901</b>	VE180 Indoor People Tracking analytic configured for Overhead camera position by default
<b>AIR-22993</b> <b>AIR-23083</b>	Client Notification bar correctly indicates which individual servers in a multiple server farm are down
<b>AIR-22944</b>	PTZ camera response time improvements implemented
<b>AIR-23026</b>	In <b>Server Configuration &gt; Storage</b> , enabling the <b>Limit the number of days video is stored</b> option visibly disables the <b>Default max storage days</b> option in the interface
<b>AIR-23031</b>	<p>New alarms implemented:</p> <ul style="list-style-type: none"> <li>• If the connection with the video system has been lost because the server is disabled or shuts down or the network connection is lost</li> <li>• When the video server has reconnected and is operational and/or the network connection is re-established</li> <li>• If the list of cameras (and PTZ presets) changes and the video server may need to update its cache (such as when camera is added, deleted, or renamed, or if a PTZ camera's presets are added, deleted, or renamed)</li> </ul>

Improved	
<b>AIR-23041</b>	PT091: Calculates object speed based on tracked foreground points, when available. If there are tracked key points in the region that don't correspond to background motion, the PT091 analytic uses that motion data to estimate the motion of the foreground object.

## Fixed

Fixed	
<b>AIR-18360</b>	No longer displaying erroneous message after generating bug report log package
<b>AIR-18762</b>	IQeye: Live video and historical video playback working correctly
<b>AIR-19038</b>	Camera storage path modifications persist correctly and discarded changes are not saved
<b>AIR-20895</b>	Gallagher Access Control alarm popups working correctly
<b>AIR-21424</b>	When connected to more than one server, interface responsive after switching cameras
<b>AIR-21736</b>	Device decorations, including camera name and ID, display in the center of the live screen view
<b>AIR-22036</b>	Siemens SPC device alarms being received successfully
<b>AIR-22276</b>	Axiom RBH access control rule action correctly forcing associated cameras to record
<b>AIR-22374</b>	WebClient installations no longer displaying erroneous CAB errors
<b>AIR-22426</b>	Visible objects that do not overlap masked-in portions of the area by 10% or more are no longer being tracked
<b>AIR-22433</b>	You are prompted to select a tracking algorithm when enabling the VE101 analytic for a device
<b>AIR-22436</b>	Exporting thumbnails via Alarm Log working correctly
<b>AIR-22441</b>	Multiple login deny user permission working correctly
<b>AIR-22456</b>	Privacy masks are applied for rule and analytic configuration as well as video search results for users without the appropriate permission
<b>AIR-22687</b>	Map link placement improvements implemented
<b>AIR-22689</b>	Client responsiveness improvements implemented during device model refresh
<b>AIR-22690</b>	Static privacy mask control setting retained correctly
<b>AIR-22692</b>	Device connections including adding and removing cameras working correctly following a server IP address change
<b>AIR-22723</b>	Server/Client connectivity improvements implemented
<b>AIR-22745</b>	LPR: No longer generating bitmap of every image that generates an exception. Error images now written to the standard date-and-camera directory within the _images directory in the data folder.
<b>AIR-22758</b>	Historical video playback working correctly
<b>AIR-22777</b>	When playing historical video, purple circle indicates the correct Timeline position

<b>Fixed</b>	
<b>AIR-22778</b>	Email on alarm functionality now correctly including attachments
<b>AIR-22811</b>	When the camera is set to not record, and there is no historical video available when the user attempts to select an image for algorithm configuration, the system attempts to get an image from tracker instead of displaying a “no footage found” message
<b>AIR-22827</b>	Alarm popups working correctly across multi-server farms
<b>AIR-22831</b>	When a device is set to record on motion detected by PC but no analytics engine is selected, you are prompted to select a different recording mode for the device
<b>AIR-22834</b>	Privacy masks working correctly using the mobile client
<b>AIR-22837</b>	PTZ control panel functions working correctly
<b>AIR-22847</b>	Fisheye Dewarping: PTZ buttons working correctly in wall mount mode
<b>AIR-22855</b>	PTZ autotracking timeline indicator improvements implemented when the device is not configured to raise an alarm
<b>AIR-22858</b>	HTTP authentication added for auxiliary PTZ commands
<b>AIR-22882</b>	LPR: Multiple cameras simultaneously running LPR no longer displaying the error “License Plate Recognition – Hardware lock error” on the live view panels
<b>AIR-22887</b>	Client is no longer erroneously applying Privacy Masks when the server is older than 6.13
<b>AIR-22888</b>	<p>Analytics configuration is no longer freezing on load. Analytics configuration is no longer available initially when a device is added.</p> <p>You must successfully add a device, close the <b>Server Configuration</b> dialog, and reopen the dialog to access the Analytics Configuration tab options.</p>
<b>AIR-22890</b>	Video export email notification working correctly
<b>AIR-22905</b>	Line counting conversion working correctly without errors for non-English Operating System installations
<b>AIR-22919</b>	Video decoration font improvements implemented
<b>AIR-23002</b>	Phoenix hardware device inputs and outputs being detected correctly
<b>AIR-23040</b>	<b>Server Configuration &gt; Devices List &gt; Server</b> field supports server hostnames and IP addresses
<b>AIR-23057</b>	<b>Alarm Log:</b> Video panel working correctly in Advanced Mode when an alarm is selected
<b>AIR-23071</b> <b>AIR-23016</b>	Report distribution via email working correctly
<b>AIR-23101</b>	When creating a rule for the VE180 analytic, all three (3) classes of objects are selected by default, including: People, Vehicles, and Unknown
<b>AIR-23122</b>	Client now logs when the requested analysis FPS (frames per second) value is greater than the capture FPS

## Release 6.13.0.3

(Not generally released)

### Fixed

Fixed	
<b>AIR-22884</b>	Mobile Bridge requests for JPEG images no longer resulting in occasional decompression errors

## Release 6.13.0.2

(Not generally released)

### Fixed

Fixed	
<b>AIR-22779</b>	Vivotek: Edge storage video downloads working correctly following connectivity interruptions
<b>AIR-22862</b>	Axis: LPR detection and privacy mask stability improvements implemented for edge storage footage downloads
<b>AIR-22897</b>	Active Directory integration working correctly when upgrading while Setup Wizard is in offline mode
<b>AIR-22900</b>	Accessing the Web Client and a live camera video working correctly <b>Note:</b> Encoded Passwords that include equal signs (=) must be escaped as %3D. See <a href="#">AIR-21421</a> for parameter details.

## Release 6.13.0.1

(Not generally released)

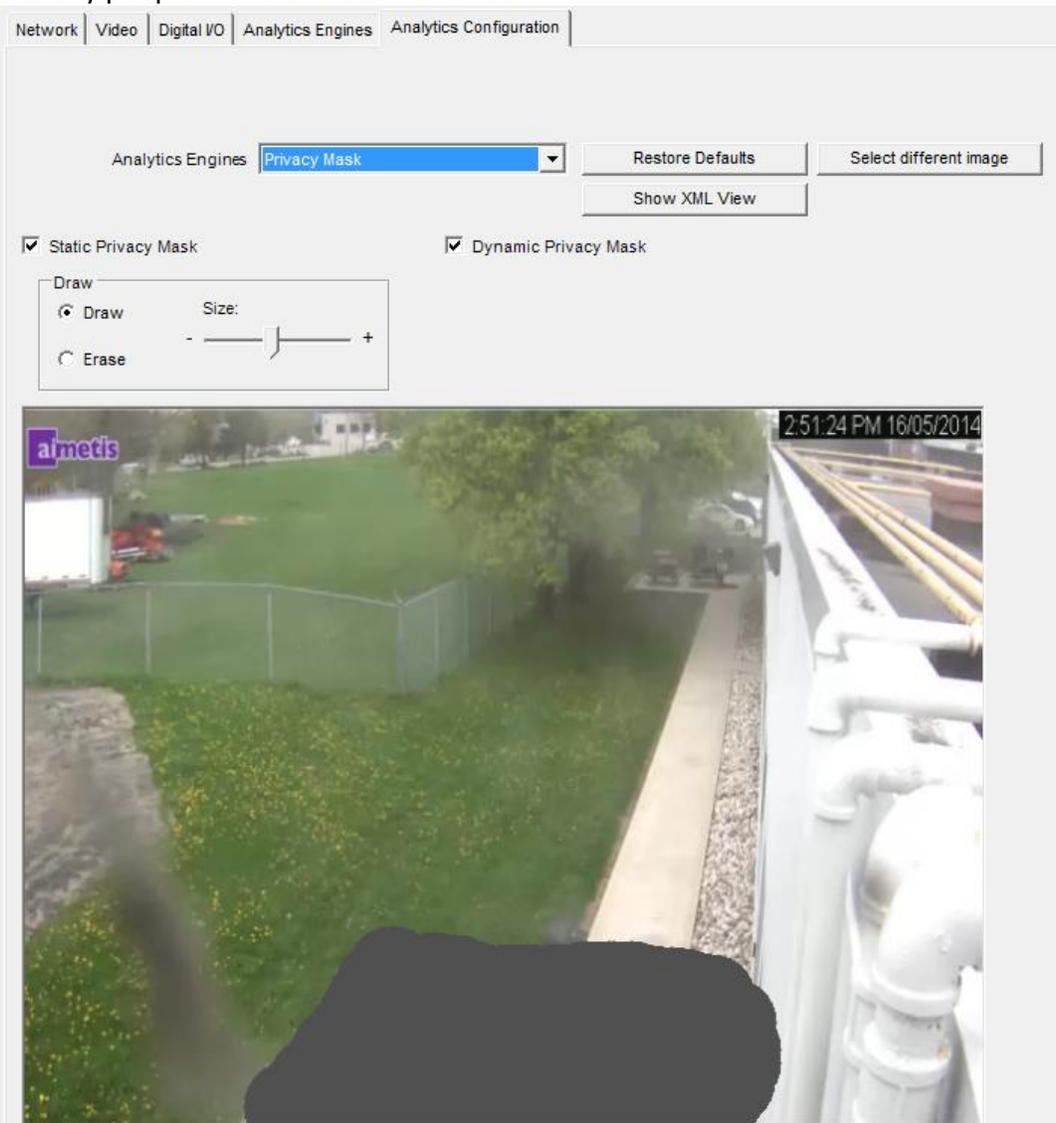
### Fixed

Fixed	
<b>AIR-22779</b>	Vivotek: Edge storage video downloads working correctly following connectivity interruptions
<b>AIR-22819</b>	Vivotek: Automatic playback stream switching working correctly

# Release 6.13

Includes previously privately released 6.12.4.x patch updates as of May 26, 2014.

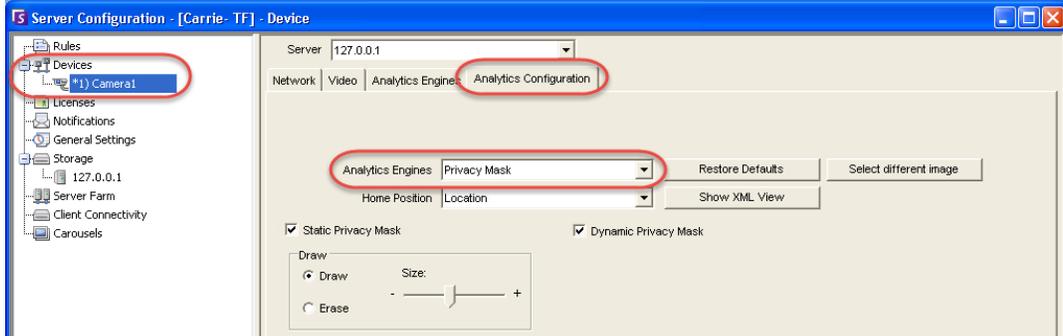
## New

New	
<b>AIR-20889</b>	<p>Dynamic and Static Privacy Masks</p> <p>In Symphony analytics configuration, you can define dynamic and static privacy blur masks per device for cases where privacy is a concern. Privacy masks can be configured for all motion tracking video analytics in Symphony.</p> <p>When privacy masks are defined, operators can validate alarms but cannot identify people in live or historical video.</p> 

## New

### Configure Privacy Masks

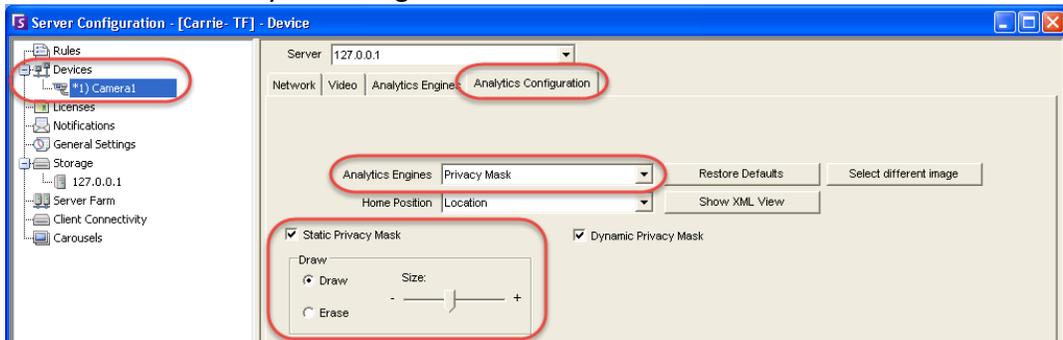
1. In the Symphony Client, within the **Server Configuration** dialog (**Server > Configuration**), select a device whose analytic you want to configure with a privacy mask.
2. Select the **Analytics Configuration** tab.
3. Select **Privacy Mask** from the **Analytics Engines** drop-down list.



### Define a Static Privacy Mask

Static privacy masks blur the area of a drawn region for static areas such as entrance ways.

1. Enable the **Static Privacy Mask** checkbox.
2. Using the displayed image from the video, define the area in gray (the privacy mask) where objects in that defined area should be blurred.
  - Select the **Erase** option to erase the grey privacy mask.
  - Select the **Draw** option to draw the grey privacy mask.
  - The **Size** slider adjusts the pen thickness.
3. Click **OK** to save your changes.

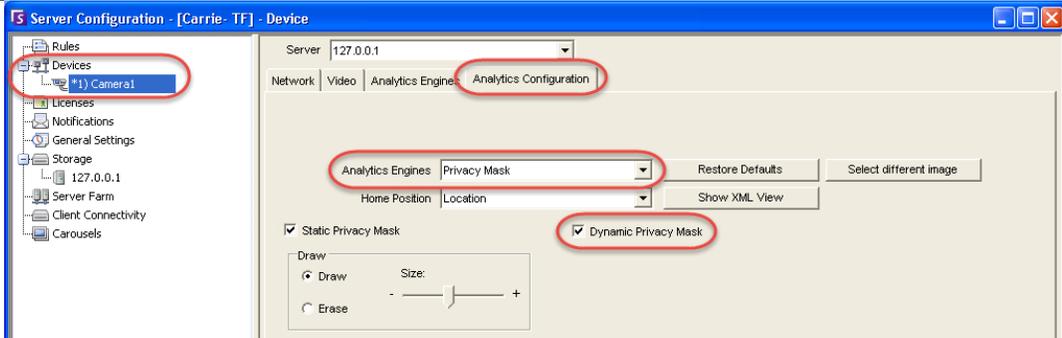


### Define a Dynamic Privacy Mask

Dynamic privacy masks dynamically blur motion tracking boxes for moving objects such as people walking.

1. Enable the **Dynamic Privacy Mask** checkbox.
2. Click **OK** to save your changes.

## New



Privacy masks are transmitted with decorations in live and historical video streams with every key frame (or every eighth frame for MJPG). They are also saved to disk.

**Note:** Privacy masks are permission-driven. Users denied the View Private Video permission will always see the privacy mask applied. System administrators granted the permission will never see applied privacy masks.

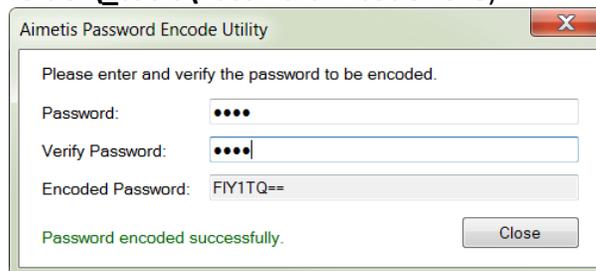
## AIR-21421

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](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 for production deployments.

**Note:** Ensure that each variable is separated by the ampersand symbol (&).

New	
<b>AIR-22263</b>	Auxiliary command support added for applicable PTZ cameras and video server devices See <a href="https://www.aimetis.com/Xnet/KB/KBArticleView.aspx?ID=10293">https://www.aimetis.com/Xnet/KB/KBArticleView.aspx?ID=10293</a>

## Improved

Improved	
<b>AIR-18765</b>	LPR – Can set how long to keep a license plate visible after a car has left the scene in seconds using a new <b>Plate Display Time</b> field
<b>AIR-20786</b>	South American LPR module support improved
<b>AIR-21158</b>	PTZ Lock Timeout is ignored for PTZ calibration
<b>AIR-21369</b>	<b>Export Video</b> right-click option added to the Timeline and available when a <b>Start Time</b> and <b>End Time</b> is marked.
<b>AIR-21415</b>	Arab LPR module support improved
<b>AIR-21459</b>	Rule status correctly toggled via ADAM module
<b>AIR-21539</b>	Refactored PTZ movement control logic and camera command systems for improved stability and performance
<b>AIR-21544</b>	SDK WebserviceConsole GUID argument support added
<b>AIR-21738</b>	SNMP calculates footage size when redundant storage used
<b>AIR-21778</b>	InfoService logs now include the location of %APPDATA% for system processes
<b>AIR-21831</b>	LPR plate size on-screen draw options added and <b>Analysis Heuristical Sensitivity</b> option removed
<b>AIR-21874</b>	Retrieving edge storage JPEG and historical video for multi-channel AXIS video encoders working correctly
<b>AIR-21935</b>	Mexico LPR module support improved
<b>AIR-21936</b>	Latin LPR module support improved
<b>AIR-21937</b>	Taiwan LPR module support improved
<b>AIR-21938</b>	USA/Canada LPR module support improved
<b>AIR-22005</b>	PT091: Zooming can be suppressed during auto tracking
<b>AIR-22011</b>	Moroccan LPR module support improved
<b>AIR-22187</b>	PT091 improvements implemented to support PTZ autotracking performance with thermal cameras
<b>AIR-22190, AIR-22197</b>	The <b>Auto track object</b> and <b>Follow object to other cameras</b> auto-tracking commands have been removed from the live video feed right-click menu
<b>AIR-22245</b>	Embedded CHM help link replaced with centralized webhelp link
<b>AIR-22324</b>	LPR: Opacity of the plate rectangles set to 75% to ensure plate characters are visible
<b>AIR-22333</b>	VE180 shadow suppression improvements implemented
<b>AIR-22406</b>	LPR: Default minimum and maximum value adjustments applied for the first instance of Slant and Slope
<b>AIR-22675</b>	Microsoft® Windows Server® 2012 R2 support added

## Fixed

Fixed	
<b>AIR-15738</b>	Camera audio plays via second stream correctly for live video, exports, and historical video playback
<b>AIR-19058</b>	ALPR working successfully in cases where motion detection chaining is disabled
<b>AIR-19186</b>	PTZ panoramic mask generation working correctly
<b>AIR-20748</b>	Occasional LPR crashes resolved
<b>AIR-20861</b>	Alarm emails no longer missing attachments on systems configured for a non-North American date/time format
<b>AIR-21007</b>	Client no longer logging application errors during videowall panel switching
<b>AIR-21108</b>	Users can access historical data successfully
<b>AIR-21122</b>	Images are cleaned at the correct time
<b>AIR-21155</b>	Rule actions working correctly with Access Control devices in Symphony
<b>AIR-21157</b>	Unlicensed systems display an error message when importing cameras using a CSV file: Camera {0} could not be added. Please ensure all servers are up and adequately licensed.
<b>AIR-21233</b>	AXIS cameras recovering successfully following disconnections
<b>AIR-21234</b>	Adding a second server to a server farm updates licenses correctly
<b>AIR-21307</b>	<b>Switch view on alarm</b> working correctly
<b>AIR-21308</b>	Web Client: Displaying Profile Switch messages correctly
<b>AIR-21309</b>	The <b>View Blank Camera</b> option working correctly when viewing JPEGs
<b>AIR-21312</b>	Symphony no longer exhibiting issues when camera setup does not match the actual camera configuration
<b>AIR-21313</b>	SDK VideoWallClient sample supports video wall hostnames and IP addresses
<b>AIR-21330</b>	Advantech Adam-6060 digital IO: Erroneous message no longer displays when trying to disconnect
<b>AIR-21342</b>	VE180 Outdoor Mode no longer erroneously showing unknown objects when unknown object detection is disabled; classification checkbox options for the outdoors interface have also been removed
<b>AIR-21394</b>	When supported cameras are configured for Corridor Mode, changing the frame rate for the camera correctly adjusts on reconnect
<b>AIR-21414</b>	Adding a server to an existing server farm working correctly
<b>AIR-21422, AIR-21456</b>	PTZ camera unlock and home commands are working correctly
<b>AIR-21473</b>	Discover Devices ONVIF discovery working correctly
<b>AIR-21530</b>	Footage maintained correctly to prevent recording gaps
<b>AIR-21617</b>	Multiple email addresses separated by commas are working correctly in the Advanced Search panel
<b>AIR-21636</b>	Following storage restoration, correct time values recorded
<b>AIR-21640</b>	Axiom RBH Access Control working correctly
<b>AIR-21646</b>	If an unavailable storage path is detected, the system does not try to write to the unavailable disk

<b>Fixed</b>	
<b>AIR-21719</b>	Import Cameras Template XLS file > Valid Entries tab headers are formatted consistently
<b>AIR-21744</b>	PTZ Calibration camera right-click option hidden for non-Enterprise licenses
<b>AIR-21812</b>	Server merge successful when source farm contains more than eight (8) maps
<b>AIR-21822</b>	Alarm times correct and in sync with alarm images
<b>AIR-21861</b>	Switch User correctly updating stored credentials when the Client is configured to prompt users for credentials at startup
<b>AIR-21876</b>	Redundant storage works better in configurations with slower media
<b>AIR-21897</b>	Live video camera panel views working correctly
<b>AIR-21900</b>	License Configuration verification step no longer failing in Setup Wizard due to Xnet connection timeout
<b>AIR-21962</b>	Large scale solution improvements implemented
<b>AIR-22007</b>	PT091: Alarm no longer erroneously detected throughout FLIR PTZ camera autotracking
<b>AIR-22024</b>	PTZ lock decoration no longer erroneously showing "ptz locked [] P[0]" when the camera is not locked
<b>AIR-22026</b>	Switching PTZ locations no longer results in an alarm click jumping to an incorrect point in the timeline
<b>AIR-22088</b>	VE180 Restore Default working correctly
<b>AIR-22100</b>	Johnson Controls P2000: Alarms working correctly in a multiple server farm environment
<b>AIR-22185</b>	Searching for alarms working correctly
<b>AIR-22192</b>	Erroneous empty Show Details button no longer available following a Client error
<b>AIR-22194</b>	Clear alarms at midnight working correctly
<b>AIR-22199</b>	CoreVision configuration parser correctly supports multiple masks by validating mask name during mask load
<b>AIR-22204</b>	Video export End Time accuracy improved
<b>AIR-22216</b>	Resizing a window with dewarped JPEG resizes correctly
<b>AIR-22217</b>	Removing PTZ home locations working correctly when the VE180 analytics engine enabled
<b>AIR-22226</b>	Server able to access historical video from a network drive
<b>AIR-22234</b>	Servers no longer erroneously removed from the Server List as already registered
<b>AIR-22237</b>	Current Timeline position (purple circle) no longer moving erroneously following JPEG retrieval from edge storage
<b>AIR-22239</b>	VE130 search for alarms only no longer results in "No footage Found " error
<b>AIR-22242</b>	Unlicensed Axis camera application error no longer being erroneously logged
<b>AIR-22359</b>	Axis: Device discovery working correctly via ONVIF
<b>AIR-22360</b>	Setup Wizard delay increase to prevent slow internet connections to Xnet timeouts
<b>AIR-22370</b>	Remote system backups working correctly when the server farm is on a separate network from the client

<b>Fixed</b>	
<b>AIR-22461</b>	Axis fisheye camera floating multi-view switches from fisheye to dewarp view correctly
<b>AIR-22548</b>	Web Client: Erroneous “Graph is not connected” message no longer displays after clicking <b>Live View</b> button
<b>AIR-22549</b>	Alarms inserted through SDK correctly displayed on Symphony Web Client Alarm Log
<b>AIR-22552</b>	Manual Configuration Editor interface <b>OK</b> button enabled when a cell value is updated
<b>AIR-22557</b>	VE180: When creating a new rule, interface refresh issues resolved when clicking <b>Refresh Image</b> button on the Event tab