



# **Aimetic Symphony**

## **7.0.x**

### **Release Notes**



# Contents

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- Release 7.0.14.4 (July 2020)..... 5
- Release 7.0.14.3 (January 2019)..... 6
- Release 7.0.14.2 (December 2018).....7
- Private release 7.0.14.1 (October 2018)..... 8
- Release 7.0.14 (September 2018)..... 9
- Private release 7.0.13.15 (November 2019)..... 10
- Private release 7.0.13.14 (August 2018)..... 11
- Private release 7.0.13.13 (July 2018)..... 12
- Release 7.0.13.12 (July 2018)..... 13
- Private release 7.0.13.11 (June 2018)..... 14
- Private release 7.0.13.10 (June 2018)..... 15
- Release 7.0.13.9 (June 2018)..... 16
- Private release 7.0.13.8 (June 2018)..... 17
- Private release 7.0.13.7 (June 2018)..... 18
- Private release 7.0.13.6 (May 2018)..... 19
- Private release 7.0.13.5 (May 2018)..... 20
- Private release 7.0.13.3 (May 2018)..... 21
- Release 7.0.13.2 (April 2018)..... 22
- Private release 7.0.13.1 (April 2018)..... 23
- Release 7.0.13 (April 2018)..... 24
- Private release 7.0.12.1 (April 2018)..... 25
- Release 7.0.12 (March 2018)..... 26
- Release 7.0.11.2 (March 2018)..... 30
- Private release 7.0.11.1 (February 2018)..... 31
- Release 7.0.11 (January 2018)..... 32
- Release 7.0.10.3 (December 2017)..... 36

Private release 7.0.10.2 (November 2017).....	37
Release 7.0.10.1 (November 2017).....	38
Release 7.0.10 (November 2017).....	39
Release 7.0.9.3 (October 2017).....	45
Private release 7.0.9.2 (October 2017).....	46
Release 7.0.9.1 (September 2017).....	47
Release 7.0.9 (September 2017).....	48
Release 7.0.8.2 (July 2017).....	53
Private release 7.0.8.1 (July 2017).....	54
Release 7.0.8 (July 2017).....	55
Release 7.0.7.2 (June 2017).....	57
Private release 7.0.7 (June 2017).....	59
Release 7.0.6.1 (June 2017).....	61
Release 7.0.6 (April 2017).....	62
Private release 7.0.5.7 (April 2017).....	67
Private release 7.0.5.6 (April 2017).....	68
Private release 7.0.5.5 (March 2017).....	69
Private release 7.0.5.4 (March 2017).....	70
Private release 7.0.5.3 (March 2017).....	71
Private release 7.0.5.2 (March 2017).....	72
Release 7.0.5.1 (March 2017).....	73
Release 7.0.5 (February 2017).....	74
Private release 7.0.4.4 (February 2017).....	78
Release 7.0.4.3 (January 2017).....	79
Release 7.0.4.2 (January 2017).....	80
Release 7.0.4.1 (December 2016).....	81
Release 7.0.4 (December 2016).....	82
Private release 7.0.3.4 (July 2017).....	88
Private release 7.0.3.3 (November 2016).....	89

Release 7.0.3.2 (November 2016).....	90
Private release 7.0.3.1 (November 2016).....	91
Release 7.0.3 (November 2016).....	92
Release 7.0.2.1 (October 2016).....	94
Release 7.0.2 (October 2016).....	95
Release 7.0.1 (September 2016).....	97
Release 7.0.0.3 (September 2016).....	99
Legal information.....	107

# Release 7.0.14.4 (July 2020)

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## Fixes

Issue ID	Description
AIR-42814	The Symphony Client connects to the Symphony Server as expected after applying the cumulative update for .NET (KB4565627 or KB4565633) from Microsoft.

## Release 7.0.14.3 (January 2019)

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### Improvements

Issue ID	Description
AIR-37657	The logs for the Cleaner process have improved.

### Fixes

Issue ID	Description
AIR-37169	The default privacy masks are empty as expected.
AIR-37653 AIR-37656	The AI Tracker service does not generate corrupted footage files.
AIR-37660	The Cleaner process collects information about large files (greater than 2 GB) as expected.
AIR-37662	The AI Scheduler service does not stop responding because of issues with database access.

## Release 7.0.14.2 (December 2018)

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This release includes improvements and fixes from previous private releases.

### Fixes

Issue ID	Description
AIR-36708	Alarms from P2000 intercoms appear in Symphony as expected.
AIR-36746	The AI InfoService service does not run out of memory because of thread creation.
AIR-36855	The AI InfoService service does not leak handles.
AIR-36899 AIR-37344	The Cleaner process deletes all of the applicable footage files.
AIR-36938	The AI NetSendHist service does not leak handles.
AIR-37172	Symphony retrieves footage from disk as expected when that footage is adjacent to footage stored on edge (camera) storage.

## Private release 7.0.14.1 (October 2018)

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### Fixes

Issue ID	Description
AIR-36776	Fewer footage files are created when network connectivity is intermittent or when recording is sporadic.

# Release 7.0.14 (September 2018)

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This release includes improvements and fixes from previous private releases.

## Improvements

Issue ID	Description
AIR-36090	SMS help text has improved.

## Fixes

Issue ID	Description
AIR-16146	Exporting video works as expected when there is missing footage.
AIR-33836	Historical video does not slow down when it transitions from video with audio to video without audio.
AIR-35205	The Turn Relay Off action works as expected.
AIR-35983	Tilt works as expected for Vivotek fisheye cameras in panorama mode when the position is set to wall.
AIR-36073	You can grant permission to a user group to change an Automatic License Plate Recognition list.
AIR-36114	The UserManagement.exe sample from the Symphony SDK works as expected.
AIR-36139	Symphony stops and restarts the Mobile Bridge as expected.
AIR-36165	Symphony displays live video from Mobotix cameras as expected.
AIR-36304	The AI NetSendHist service handles missing video streams as expected.
AIR-36479	Camera view panels do not freeze when you play historical video at 8X speed.
AIR-36351	The Cleaner process works as expected when video includes null timestamps.

# Private release 7.0.13.15 (November 2019)

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This release includes improvements and fixes from previous private releases.

## Fixes

Issue ID	Description
AIR-40645	Symphony Client 6.x instances connect as expected to Symphony Server 7.x instances.

## Private release 7.0.13.14 (August 2018)

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### Improvements

Issue ID	Description
AIR-35129	Symphony displays an error message if you try to connect to an unsupported version of Senstar Network Manager.
AIR-36176	The AI Tracker service can poll the Symphony database for video analytic information.

### Fixes

Issue ID	Description
AIR-35183	Event names for Senstar Network Manager appear correctly in the server configuration interface.
AIR-35312	Senstar Network Manager detects sensors on networks located on node 0.
AIR-35861	Symphony synchronizes the changes that you make to Senstar Network Manager.
AIR-35912	Symphony does not publish trouble events for zones that you have not configured.
AIR-36109	When you edit user permissions in the server configuration interface, Symphony automatically selects the active security profile so that your changes take effect without requiring you to change the security profile.
AIR-36116	Symphony works as expected with multiple Senstar Network Manager instances using more than 3 processors of the same type.
AIR-36166	The IgnoreRegion setting works as expected.
AIR-36169	Events for Senstar Network Manager work as expected and do not cause the AI InfoService service to stop responding.

# Private release 7.0.13.13 (July 2018)

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## Improvements

Issue ID	Description
AIR-35954	Symphony has been localized into Turkish.
AIR-35957	Symphony supports Vivotek FE9182-H, FE9191, FE9382-EHV, and FE9391-EV fisheye cameras (with dewarping).

## Fixes

Issue ID	Description
AIR-35833	Video integrations using the Symphony SDK do not stop responding when disposing the Video OCX Control.
AIR-35873	Symphony loads events from the Senstar Network Manager correctly on the rules configuration page in the server configuration interface.
AIR-35914	Streaming a camera with audio for a long time does not affect the accuracy of the time stamp for the video and does not cause dropped audio frames.
AIR-36063	Symphony does not publish trouble events for zones that you have not configured.

# Release 7.0.13.12 (July 2018)

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This release includes improvements and fixes from previous private releases.

## Improvements

Issue ID	Description
AIR-35830	To prevent accidental deletion of video files, Symphony performs an additional safety check before the Cleaner process deletes video files.

## Fixes

Issue ID	Description
AIR-35806	The Cleaner process does not incorrectly delete video files when a connection to network storage is restored.

## Private release 7.0.13.11 (June 2018)

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### Fixes

Issue ID	Description
AIR-35717	The Symphony Client caches the <code>GlobalVideoPlaybackMinutes</code> setting to prevent delays in displaying images and playing videos.
AIR-35740	Symphony does not send multiple requests when you select an alarm in the alarm log. This fix improves the performance of the alarm log when you have a large number of alarms.

## Private release 7.0.13.10 (June 2018)

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### Fixes

Issue ID	Description
AIR-35468	The XMLStream sample in the Symphony SDK works as expected.

## Release 7.0.13.9 (June 2018)

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This release includes improvements and fixes from previous private releases.

### Fixes

Issue ID	Description
AIR-35661	The regsvr32.exe process stops as expected.
AIR-35665	Automatic update works as expected.

## Private release 7.0.13.8 (June 2018)

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### Improvements

Issue ID	Description
AIR-34523	When you install the Symphony Client 7.0.x on the same computer as the Symphony Client 6.x, the Symphony Client 7.0.x performs the crash-handling function.

### Fixes

Issue ID	Description
AIR-35607	Automatic update uses the correct registry locations.
AIR-35626	The switch camera on alarm/motion function works as expected.

## Private release 7.0.13.7 (June 2018)

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### Fixes

Issue ID	Description
AIR-35511	Symphony supports license files larger than 16KB.

## Private release 7.0.13.6 (May 2018)

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### Improvements

Issue ID	Description
AIR-35487	When you open a Thin Client in the Symphony client interface, the Thin Client opens as a new floating view.

### Fixes

Issue ID	Description
AIR-35411	The LiveStreamTest sample in the Symphony SDK works as expected.

## Private release 7.0.13.5 (May 2018)

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### Fixes

Issue ID	Description
AIR-35417	Symphony supports DX50 in the RTSP SDP, which allows the viewing of video using VLC.

## Private release 7.0.13.3 (May 2018)

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### Fixes

Issue ID	Description
AIR-35337	The renderer does not block audio frames because of discrepancies in the timestamps.

## Release 7.0.13.2 (April 2018)

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This release includes improvements and fixes from previous private releases.

### Fixes

Issue ID	Description
AIR-35023	Dewarping works as expected for Dahua EBW81239 fisheye cameras when connected through a Dahua NVR.
AIR-35107	PTZ cameras stop moving when the video panel switches because of an alarm.
AIR-35170	The Surrogate process does not stop responding when the panel width or height is 0.
AIR-35190	Viewing alarms automatically in floating panels works as expected.

## Private release 7.0.13.1 (April 2018)

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### New features

Issue ID	Description
AIR-35322	Symphony supports the PTZ redirect feature for Siquira Ex-BC820v2H3-TC840R1 cameras.

### Improvements

Issue ID	Description
AIR-34878	Newer Advantech Adam devices work in Symphony.
AIR-35131	Events on the Events page in the server configuration interface are sorted by name.

### Fixes

Issue ID	Description
AIR-35125	The scroll bar appears as expected on the Events page in the server configuration interface when you use a low-resolution monitor.

# Release 7.0.13 (April 2018)

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This release includes improvements and fixes from previous private releases.

## Fixes

Issue ID	Description
AIR-34941	Camera tours are available for zoom-only cameras.

## Private release 7.0.12.1 (April 2018)

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### Fixes

Issue ID	Description
AIR-34679	Camera templates in the server configuration interface display the correct bitrate values.
AIR-34690	When a rule triggers a camera to record video, the camera records the primary stream.
AIR-34705	The Cleaner process does not stop responding because of invalid file names.
AIR-34920	Maps in the client interface scroll up and down with the movement of the mouse scroll wheel.
AIR-34922	Video panels in the client interface do not unexpectedly switch from historical video to live video.
AIR-34923	Bookmarks in the client interface are in alphabetical order.
AIR-34924	Maps in the client interface do not reset when the device models refresh.
AIR-34941	Camera tours are available for zoom-only cameras.
AIR-34974	The performance of loading bookmarks has improved.
AIR-35018	The GuardTourEnable.exe application works as expected.

## Release 7.0.12 (March 2018)

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### New features

Issue ID	Description
AIR-33520	Customer "client" applications written with the Symphony SDK feed health information to Symphony so operators can be notified if the "client" application is not responding.
AIR-34504	Symphony supports EMOS cameras.

### Improvements

Issue ID	Description
AIR-33305	Symphony stores line counts for the Indoor People Tracking video analytic on an hourly basis in the database.
AIR-33391	The line counts for video analytics match the line counts in reports.
AIR-33824 AIR-34176 AIR-34177	The performance and feedback of the Enter Address window in the Symphony client interface has improved and works properly when the F5 key is pressed.
AIR-34075	The Symphony client interface includes functionality to display a Server List panel (docked or floating).
AIR-34110	The Symphony Server can update automatically when it is connected to the Internet.
AIR-34116	Symphony supports multiple instances of the Senstar Network Manager.
AIR-34178	Symphony supports Hanwha PNF-9010R/V camera dewarping properly.
AIR-34204	The speed label for the speed slider control does not obscure controls on the screen.
FACE-156 FACE-163 FACE-167	The Face Recognition video analytic uses, and is optimized for, an updated face recognition algorithm.
FACE-160	The Face Recognition video analytic warns you if you try to use obsolete face templates.
FACE-161 FACE-162	The Face Recognition video analytic automatically updates face templates after installation.

## Fixes

Issue ID	Description
AIR-25219	Watermarking works as expected.
AIR-28938	The navigation buttons in the Symphony client interface do not flicker when you click the buttons.
AIR-30773	The overlay buttons in the Symphony client interface do not switch between opaque and transparent when you click the buttons.
AIR-32567	The overlay buttons in the Symphony client interface do not flicker multiple times before disappearing but fade smoothly from view.
AIR-33228	Improved performance by only querying the database when necessary.
AIR-33500	You can retrieve an RTSP stream as expected using the Symphony SDK when you include a seek parameter.
AIR-33693	Alarms from JCI P2000 access control devices appear as expected in Symphony.
AIR-33963	The Symphony Client terminates internal processes gracefully.
AIR-33970	The overlay buttons in the Symphony client interface do not flicker when you move the mouse in the video panel.
AIR-33991	The overlay buttons in the Symphony client interface do not flicker when you change the camera in a video panel.
AIR-33995	The navigation bar and the speed slider in the Symphony client interface do not flicker when you change video playback from forward to reverse or reverse to forward.
AIR-34025	In the Symphony client interface, the CTRL + SHIFT + C keyboard shortcut opens the server configuration interface as expected.
AIR-34070	Selecting PTZ camera for one of the lenses on the Arecont AV20375RS camera does not cause the AI Tracker service to stop responding.
AIR-34101	The Symphony Client reports the IP address of the Symphony Server if a reference to it by its hostname fails.
AIR-34102	The Manage Special Character option appears as expected in the LPR menu without requiring that you reset the toolbar.
AIR-34120	The Symphony Client does not display internal process errors on the video wall.
AIR-34129	The Symphony server configuration interface returns to the device list after you save a new Bosch device.
AIR-34139	Alarms from Axis access control devices appear as expected in Symphony.

Issue ID	Description
AIR-34146	Symphony synchronizes with the Senstar Network Manager as expected.
AIR-34156	The context menu for the map panel in the client interface closes as expected.
AIR-34165	Alarm video reloads when you click the alarm in the alarm log.
AIR-34170	Scrolling works as expected for the Camera Shortcut list boxes in the Digital I/O section of the Hardware page in the server configuration interface.
AIR-34191	Playing video (backwards and forwards) through the Mobile Bridge displays video correctly for the selected time.
AIR-34196	The ReadMe.txt file for the Symphony Player no longer mentions DLLs that are not included.
AIR-34197	Symphony can access footage from edge storage on cameras.
AIR-34199	Side overlay buttons appear as expected in all of the panels in multiview mode.
AIR-34267	The LiveStream Test in the Symphony SDK does not generate handle leaks.
AIR-34310	The DHCP server works as expected for the E7040 Physical Security Appliance.
AIR-34356	The map pane appears correctly when you close and open the client interface.
AIR-34359	Symphony does not include multi-channel cameras and video encoders in the discovered device list after you have already added all of the channels to Symphony.
AIR-34370	The face extractor of the Face Recognition video analytic does not leak memory.
AIR-34374	The dbupdater tool supports multi-line scripts.
AIR-34375 AIR-34400	The play/pause button and tooltip toggles correctly when you click the button.
AIR-34405	Updated DetectionXML from Symphony 6.x to Symphony 7.x works as expected for large server farms.
AIR-34463	Video panels in the Symphony client interface display the correct date.
AIR-34471	Mobile Bridge creates the folder that the AI_LOGS7 environment variable references and logging works as expected for standalone installations.

Issue ID	Description
AIR-34478	The Symphony Client continues to function in the previously installed language after upgrading.
AIR-34491	You can use the time-based access to recorded video feature as expected with the Professional license.
AIR-34508	Symphony can generate panoramic images from Axis Q6055 cameras when you add the cameras using ONVIF.
AIR-34520	You can reconnect to encoders as expected in the Symphony server configuration interface.
AIR-34528	You can view maps as expected in the Symphony client interface after upgrading from Symphony 7.0.10 or earlier.
AIR-34564	Symphony does not remove Symphony 6.x footage when you upgrade from Symphony 6.x to Symphony 7.x unless it is correctly targeted for removal.
AIR-34565	Logging in to the Symphony client interface or using the SDK works as expected with Active Directory.
AIR-34581	12MP and higher resolution cameras play video as expected.
AIR-34582	The setup wizard does not perform redundant tasks for subsequent servers in the server farm when you update from Symphony 6.x to Symphony 7.x.
AIR-34591	The startup performance of the Symphony Client has improved because it does not make redundant requests to servers in a server farm.
AIR-34612	Adding multiple Senstar Network Manager instances does not cause the AI InfoService service to stop responding.
AIR-34637	Communication between Symphony and Senstar Network Manager instances does not time out when syncing data.
AIR-34661	Axis cameras do not experience latency when showing live video.
AIR-34686	The Symphony Client does not stop responding when you filter the alarm log.
AIR-34701	Axis cameras that use the MPEG4 compressions standard display video as expected.
FACE-157	The Face Recognition logs include the correct information.

## Release 7.0.11.2 (March 2018)

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This release includes improvements and fixes from previous private releases.

### Improvements

Issue ID	Description
AIR-34467	The label that indicates video playback speed in the client interface does not obscure the slider control for the video playback speed.

### Fixes

Issue ID	Description
AIR-34405	Updating the DetectionXML from Symphony 6 to Symphony 7 does not cause database deadlocks for large server farms.
AIR-34539	Symphony maintains footage files from Symphony 6 as expected when upgrading to Symphony 7.0.11.
AIR-34541	Viewing maps works as expected in the client interface.

## Private release 7.0.11.1 (February 2018)

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### Fixes

Issue ID	Description
AIR-34369	Alarms from P2000 access control systems appear as expected in Symphony.

# Release 7.0.11 (January 2018)

## New features

Issue ID	Description
AIR-29812	You can open the Symphony Client from the command line or other applications and load specific cameras and, if applicable, a specific PTZ camera preset position.
AIR-32539	The native integration of the Dahua NVR supports de-warp with fisheye cameras and PTZ controls.
AIR-32541	Symphony supports I/O for Bosch B9512G, B8512G, and B6512 intrusion alarm panels.
AIR-34099	The Automatic License Plate Recognition video analytic includes functionality to convert special characters to acceptable characters.

## Improvements

Issue ID	Description
AIR-27212	Symphony validates files that you try to import.
AIR-33531	White list entries for the Automatic License Plate Recognition video analytic include description fields.
AIR-33688	Symphony supports auxiliary commands for Hikvision PTZ cameras.
AIR-33957	Symphony includes the correct Simplified Chinese character for the On camera status: 开.
AIR-34005	The playback speed slider in the client interface includes a setting for the 32x playback speed.
AIR-34177	The video in focus and the active panel are synchronized in the client interface and you can activate a panel by clicking anywhere in the panel.
FACE-155	<p>Face Recognition includes new face recognition templates.</p> <p>The Face Recognition installer includes the UpdateFaceTemplates utility that updates face images to the new template. The UpdateFaceTemplates utility is located in the C:\Program Files (x86)\Aimetis\Symphony Server v7\_bin folder.</p> <p>Run this utility after upgrading to Symphony 7.0.11 with Face Recognition 1.4 on faces added to Symphony 7.0.10 with Face Recognition 1.3 or earlier.</p>

## Fixes

Issue ID	Description
AIR-32598	Symphony saves corridor mode masks correctly.
AIR-33187	SNMP data from Symphony works as expected. To see the correct SNMP data, you must load the MIB files included with Symphony 7.0.11.
AIR-33233	The performance of the AI InfoService service has improved.
AIR-33415	The Symphony Client does not try to auto-update when it is connected to two or more server farms with different versions of Symphony.
AIR-33470	Changing the MAC address of a server does not invalidate the Symphony license.
AIR-33481	The context menu appears correctly after you sort the server list in the server configuration interface.
AIR-33509	The GetJPEGImage3 command does not cause the AI NetSendHist service to stop responding.
AIR-33521	The SDK cannot trigger disabled rules.
AIR-33595	The Cleaner process works as expected on larger server farms with a single storage path.
AIR-33681	The AI InfoService service does not log shared memory errors, and it creates shared memory as expected.
AIR-33704 AIR-34154	Selecting a gap in the timeline and playing video jumps to the nearest recorded video.
AIR-33732	The Simple Motion Tracker video analytic does not drop frames at high analysis resolution and high FPS.
AIR-33767	The server configuration interface distinguishes between specified paths and server paths for camera storage.
AIR-33768	The CSV template for importing devices includes an input column for encoders with multiple cameras. Symphony can import those cameras based on the input value.
AIR-33772	Symphony does not switch video panels on Thin Clients to unsupported resolutions.
AIR-33820	Rules with multiple events work as expected.
AIR-33822	Changes to user settings in the server configuration interface are temporarily saved when you switch between cameras.
AIR-33913	You can save cameras that do not have a supported resolution but use a template that includes a resolution.

Issue ID	Description
AIR-33916	You can draw short fences on the rules management pages in the server configuration interface.
AIR-33919 AIR-34007	The Symphony Client does not generate extraneous graph initialization errors on the video wall.
AIR-33946	Searching face recognition shows all results.
AIR-33947	Importing license plates from a CSV files works as expected.
AIR-33950	Privacy masks load as expected in the server configuration interface when the camera includes a camera tour.
AIR-33956	Incorrect regional information for license plates was removed from the client interface.
AIR-33958	The Czech language is available in the regional settings in the client interface (although the translation is incomplete).
AIR-33961	The AI Scheduler service does not stop responding after you add a Thin Client to Symphony.
AIR-33965	Exception diagnostics have improved.
AIR-33977	The AI Tracker services start as expected after upgrading.
AIR-33978	<p>The RTSP redirect feature is disabled by default to prevent the AI NetSendHist service from using extra system resources.</p> <p> <b>Note:</b> To enable the RTSP redirect feature, contact Aimetis Support.</p>
AIR-33980	The AI Tracker service does not stop responding when the camera includes a camera tour.
AIR-33981	The South American engine for the Automatic License Plate Recognition video analytic works as expected.
AIR-34030	Symphony updates the alarm log correctly.
AIR-34031	You can add more than two Axis access control devices to Symphony.
AIR-34034	Symphony detects Hikvision dual (HD and thermal) PTZ cameras correctly.
AIR-34061	Symphony sends video with the correct resolution to the iOS Mobile Application.
AIR-34073	Symphony populates alarm details immediately.
AIR-34074	The context menu for the alarm log in the client interface does not move when you move the mouse.

Issue ID	Description
AIR-34097	The GetJPEGImage3 command does not cause issues with the AI NetSendHist service.
AIR-34098	Special character replacement for the Automatic License Plate Recognition video analytic works as expected for PTZ cameras.
AIR-34164	You can use the arrow keys to move through alarms as expected.
AIR-34167	The Search window does not become unresponsive when you click the video in a panel and press F5.

### Known issues

Issue ID	Description
AIR-33978	<p>The AI NetSendHist service consumes excessive CPU resources when the RTSP redirect feature is active on a multi-server farm.</p> <p>Workaround: The RTSP redirect feature is disabled by default.</p>

## Release 7.0.10.3 (December 2017)

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This release includes improvements and fixes from previous private releases.

### Improvements

Issue ID	Description
AIR-32616	The speed control for video playback is a slider control.
AIR-33837	The Automatic License Plate Recognition video analytic includes the Carmen FreeFlow 7.3.1.13 driver.

### Fixes

Issue ID	Description
AIR-30452	Clicking the timeline multiple times no longer causes the Symphony client interface to stop responding.
AIR-32880	The Load Camera View menu opens with a single click of the mouse button.
AIR-33497	The buttons to navigate forwards and backwards through views has been restored to the Symphony client interface. In addition, you can press the F5 key and enter a camera ID to display that camera in the active video panel.
AIR-33660	You can right-click a camera in the device tree to access the camera setup in the server configuration interface.
AIR-33697	Video panels display historical video as expected when using a VMR renderer.
AIR-33773	The OCXDLL sample in the Symphony SDK is up to date.
AIR-33800	Symphony records (and reports) upper case and lower case storage paths correctly.
AIR-33827	Automatic License Plate Recognition correctly identifies license plates from the United Kingdom.
AIR-33918	Switching on alarm or activity for Thin Client video walls works as expected.
AIR-33942	Switching video panels on a video wall does not cause video to stop playing.
AIR-33967	Digital zoom works as expected for secondary video streams on cameras.

## Private release 7.0.10.2 (November 2017)

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### Fixes

Issue ID	Description
AIR-33727	Symphony supports Gallagher access control devices.
AIR-33770	Historical video with high key-frame intervals does not flicker when playing back at 16x or 32x speed if you positions the mouse pointer over the controls.
AIR-33780	Gallagher access control devices generate alarms as expected when a card is swiped.

# Release 7.0.10.1 (November 2017)

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## Improvements

Issue ID	Description
AIR-30680	Symphony supports TLS v1.1 and TLS v1.2.

## Fixes

Issue ID	Description
AIR-33620	Digital input and output devices do not generate error messages in the logs when starting in Symphony.
AIR-33769	Symphony displays the Senstar Network Manager in the Manufacturer list for access control devices.
AIR-33779	Playing video back at speeds 2x or higher works as expected.

## Known issues

Issue ID	Description
AIR-33727	Symphony 7.0.10.1 does not support Gallagher access control devices.

# Release 7.0.10 (November 2017)

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## New features

Issue ID	Description
AIR-32489	Senstar Network Manager
AIR-33224	Symphony supports the integration of Senstar Network Manager and the Senstar Network Manager API.
AIR-33035	Automatic License Plate Recognition The Automatic License Plate Recognition video analytic now includes functionality to recognize blank spaces in license plates.

## Improvements

Issue ID	Description
AIR-32628	The Thin Client supports camera action settings from Symphony. To access this functionality in the Symphony client interface, you must log in to the video source on the Thin Client with an account that has Change Settings permission set to Allow in Symphony.
AIR-32780	Oncam fisheye dewarping uses an updated SDK.
AIR-32842	The video decoding performance of the Symphony Client has improved.
AIR-33107	The Face Recognition video analytic automatically optimizes the enrollment images and adds icons that indicate the quality of the images.
AIR-33161	The Outdoor People and Vehicle Tracking video analytic includes the option to use person detector to improve the classification of people.
AIR-33266	The Symphony Player supports .jvms video files.
AIR-33274	The start menu includes a shortcut for the Automatic License Plate Recognition setup wizard.
AIR-33296	The Automatic License Plate Recognition video analytic includes the updated ARH engines.
AIR-33395	The regions are sorted alphabetically in the Automatic License Plate Recognition region selection window.

## Fixes

Issue ID	Description
AIR-21141	Moving the slider in the Symphony Player updates the screen as expected.
AIR-22741	Installations and upgrades of the Symphony Server complete as expected on computers with FIPS enabled.

Issue ID	Description
AIR-25830	The AI InfoService does not stop responding because of port conflicts with child processes.
AIR-27238	The Symphony client interface displays the IDs for all camera tour positions.
AIR-29937	The Enterprise Manager server address auto-completes when you type the server name in the address field on the Cloud Service Configuration page.
AIR-30473	Alarm email attachments show privacy masks.
AIR-30669	Time decorations appear for cameras in direct connection modes.
AIR-30787	The effective permission breakdown information includes additional information when specific permissions conflict with general permissions.
AIR-30805	The order in which the setup wizard stops services has changed to improve efficiency.
AIR-30854	The Show alarm cameras in other panels function works as expected.
AIR-30855	The Symphony Client does not stop responding if you open the map editor when the Client is not connected to a Symphony Server.
AIR-31399	The settings for video analytics update after you change the resolution for the camera.
AIR-31640	Multiple rules that use the same location and schedule, but different events, work as expected.
AIR-31653	The grid view image in the Motion Detection server configuration interface uses the correct resolution and aspect ratio.
AIR-31688	The Licenses page in the server configuration interface includes feedback about license requests.
AIR-31696	The search interface for the Crowd Detection and Motion Tracker video analytics is updated.
AIR-31715	Configuring video analytic settings in the server configuration interface work as expected when the camera is in corridor mode.
AIR-31774 AIR-31814	The client interface displays error messages in the Search window correctly.
AIR-31866	The client interface displays images in the Search window with the correct aspect ratio.
AIR-31877	Audio features appear as expected for hardware devices that support audio when an attached camera does not support audio.
AIR-31894	Images in the Search Panel do not include decorations.
AIR-31927	The server path on the Servers page in the server configuration interface updates as expected when you add a second path to a camera.
AIR-31967	The instructions for unsubscribing in the notification email are correct.
AIR-31968	The AI InfoService service starts automatically as expected.
AIR-32068	The camera number variable is correct in FTP section on the Action Sets page in the server configuration interface.

Issue ID	Description
AIR-32108	Setting the FPS to a non-integer value does not prevent camera configuration for Pelco cameras.
AIR-32110	Floating camera panels do not show borders when set to full screen.
AIR-32112 AIR-32114 AIR-32115	Portuguese strings are correct in the client interface.
AIR-32132	The Add-Ons pane appears correctly in the Search window.
AIR-32155	The AI OPCServer service uses the same recovery settings as the other Symphony services.
AIR-32178	Symphony services stop in the correct order.
AIR-32231	The Device Locator process works as expected.
AIR-32303	You cannot set an administrator user as a virtual supervisor.
AIR-32329	The Client does not display an error message when a video export is successful.
AIR-32512	The fields on the video analytic configuration page in the server configuration interface accept decimal values where allowed.
AIR-32520	The Symphony Client does not stop responding when you select a license plate in the Automatic License Plate Recognition logs that was detected by a camera that is no longer associated with Symphony.
AIR-32525	The server configuration interface does not generate a NullReferenceException when the default group is not in the Symphony database.
AIR-32530	The server configuration interface does not generate an error when you delete more than seven users.
AIR-32546	The Symphony installer does not fail because of a missing dependency.
AIR-32554	Dewarping works as expected for historical images.
AIR-32569	The unusable region on the video analytic calibration page accounts for the height of people.
AIR-32586	The alarm log is updated as expected with new alarms.
AIR-32608	The server configuration interface maximizes as expected when the alarm log is maximized on the second monitor.
AIR-32623	Video works as expected from low-resolution cameras.
AIR-32638	The Symphony Player plays video without audio if there is an audio error.
AIR-32668	Mobile Bridge can connect to cameras with non-English characters in the camera names.
AIR-32795	Device Pack updates are pushed to standalone Symphony Client installations.
AIR-32886	Zoom controls work as expected for all dewarp modes.

Issue ID	Description
AIR-32917	The RTSP stream can access cameras on all servers in the farm.
AIR-32960	After the AI Listener services restarts, the AI InfoService services receives events from Axis Access Controls devices as expected.
AIR-33064	Live video panels in the video wall display the correct date.
AIR-33083	The PTZ motion buttons work as expected when cameras use generic panorama dewarp in wall mode.
AIR-33100	Unnecessary components are removed during upgrade from Symphony 6.x to Symphony 7.0.x.
AIR-33109	Video streams for cameras load as expected in the server configuration interface.
AIR-33118	The Symphony Server validates the video archive values in the server configuration interface.
AIR-33119	The Disk Usage Limits field in the server configuration interface does not allow values greater than 100%.
AIR-33124	Logging in to the Symphony Client using SSO does not cause the domain account to be locked.
AIR-33128	Symphony restores layout when the Client restarts.
AIR-33135	The Symphony client interface appears in the correct language.
AIR-33143	Symphony can receive signals from multiple Axis A1001 Network Door Controller devices.
AIR-33146	Symphony saves the View blank camera option with layouts.
AIR-33149	Playing dewarped video in the Symphony Client works as expected.
AIR-33160	Symphony generates camera IDs correctly.
AIR-33169	The heat map report works as expected.
AIR-33180	The Color Detection check box is hidden for the uncalibrated Outdoor People and Vehicle Tracking video analytic.
AIR-33183	Assigning a carousel to a panel does not remove the panel from the video wall.
AIR-33185	Direct connect works as expected without dropping frames.
AIR-33196	Time-based access to recorded video is not available with the standard license.
AIR-33206	Disabling alarms and adding cameras does not cause the AI InfoService service to stop responding.
AIR-33207	The heat map report works as expected if the AI Tracker service is stopped.
AIR-33208	The Manage Faces menu only appears in the Face Recognition menu.

Issue ID	Description
AIR-33211	<p>The camera view in the alarm log works as expected when you load a layout in a localized client interface.</p> <p>This fix applies only to newly saved layouts. To update existing layouts to include the fix, open the layout, close and reopen the advanced alarm log, and then save the layout.</p>
AIR-33215	The AI NetSendHist service does not stop responding because of a heap corruption.
AIR-33216	When you export video, the exported file includes the complete video.
AIR-33221	The client interface does not time out when loading search results.
AIR-33276	The video archiving error messages are more informative.
AIR-33278	Video rendering is smooth at HD resolution and high FPS.
AIR-33282	Filtering Automatic License Plate Recognition searches by the unknown region works as expected.
AIR-33285	The Client does not stop responding because of a handle leak.
AIR-33307	Cameras correctly detect archive settings after moving to a different server.
AIR-33326	The dewarping controls in the client interface is repositioned to improve functionality.
AIR-33333	The Symphony server configuration interface removes leading and trailing white space in the Enterprise Manager fields.
AIR-33356	The Video Storage section on the Camera page in the server configuration interface displays the Days to store before archiving value.
AIR-33367	The security of the server configuration interface is more robust.
AIR-33372	Minimizing video panels does not cause issues in the client interface.
AIR-33399	The SetRecord function is available in the SDK.
AIR-33400	Video plays smoothly when you move the Client to another monitor.
AIR-33403	In the server configuration interface, the Limit the number of days video is stored value must be greater than or equal to the Days to store before archiving value.
AIR-33405	The server configuration interface does not generate an error when you enable the privacy mask without first specifying a custom resolution for an RTSP camera.
AIR-33407	When viewing a Thin Client in the client interface, the camera views do not change to the camera views on the Thin Client.
AIR-33416	The Symphony Client does not stop responding when the face search finds faces with low confidence values.
AIR-33421	Clicking the speaker button once starts audio.
AIR-33431	The AI InfoService and AI Scheduler services start as expected after upgrading Symphony.

Issue ID	Description
AIR-33433	Preview pictures load as expected in the server configuration interface when cameras are set to record.
AIR-33452	Overlay buttons work as expected in RDP environments.
AIR-33460	The server configuration interface provides feedback when you select an item on the access control event page.
AIR-33464	Surrogate processes stop as expected when you close video panels.
AIR-33483	The Symphony setup wizard saves the Allow modification of the Windows dynamic port range settings check box as expected.
AIR-33485	Selecting regions to install in the Automatic License Plate Recognition installer works as expected.
AIR-33510	Custom resolutions for cameras do not prevent exporting of video.
AIR-33523	Once started, historical video continues to play as expected.
AIR-33581	Logging in to the Symphony client interface or using the SDK works as expected with Active Directory.
AIR-33585	The Automatic License Plate Recognition installer removes all registry keys.
AIR-33586	Symphony does not allow upgrades on Windows Vista or Windows Server 2008.
AIR-33589	The setup wizard uses the LocalSystem account if the service username and service password are null.
AIR-33604	The processing mask on the Motion Tracker configuration page in the server configuration interface displays images.
AIR-33607	Symphony detects and displays the full camera model (including suffixes).
AIR-33612	The AI NetSendHist service continues to stream video as expected.
AIR-33613	Symphony and Thin Client devices remain synchronized.
AIR-33634	Single sign-on works as expected.
AIR-33649	The Add camera password field in the server configuration interface does not restrict characters.
AIR-33655	Symphony cannot push a key-frame interval to a Axis camera that is greater than the key-frame rate that the camera supports.
AIR-33682	Symphony includes the Aira2Mp4 utility.

### Known issues

Issue ID	Description
AIR-33727	Symphony 7.0.10 does not support Gallagher access control devices.

## Release 7.0.9.3 (October 2017)

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This release includes new features, improvements, and fixes from previous private releases.

### Fixes

Issue ID	Description
AIR-33558	ADAM I/O devices do not leak sockets and prevent AI Tracker service connections.
AIR-33560	The AI Tracker service starts as expected when you add an RTSP camera.
AIR-33561	Video works as expected from low-resolution cameras.
AIR-33584	Installations and upgrades of the Symphony Server complete as expected on computers with FIPS enabled.
AIR-33590	Symphony displays video without a delay.

## Private release 7.0.9.2 (October 2017)

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### Fixes

Issue ID	Description
AIR-33449	Users that are not administrator users can log in to the Web Client as expected.
AIR-33482	Previous versions of the Automatic License Plate Recognition dongle with newer versions of the Automatic License Plate Recognition setup wizard.

## Release 7.0.9.1 (September 2017)

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### Improvements

Issue ID	Description
AIR-33354	Non-English language translations have been updated for most missing and changed strings in the user interface.

### Fixes

Issue ID	Description
AIR-33290	The automatic upgrade feature works as expected for Device Packs.
AIR-33352 AIR-33353	The performance and reliability of the Symphony Client has improved.

# Release 7.0.9 (September 2017)

## New features

Issue ID	Description
AIR-13469	<p>Password protection for exported video</p> <p>When exporting videos, you have the option to add a password that must be entered in the Symphony Player to view the video.</p>
AIR-31929	<p>Face Recognition template utility</p> <p>The Face Recognition installer includes the UpdateFaceTemplates utility that updates face images to the new template. The UpdateFaceTemplates utility is located in the C:\Program Files (x86)\Aimetis\Symphony Server v7\_bin folder.</p> <p>Run this utility after upgrading to Symphony 7.0.9 with Face Recognition 1.3 on faces added to Symphony 7.0.8 with Face Recognition 1.2 or earlier.</p>
AIR-32171	<p>Server failback</p> <p>Symphony supports automatic failback from secondary to primary servers when the primary server resumes operation.</p>
AIR-32173	<p>Video stream selection during digital zooming</p> <p>Symphony automatically switches to the video stream with the highest resolution to display video with the best quality while digital zooming.</p>
AIR-32240	<p>Video archiving</p> <p>Symphony supports archiving video to secondary storage.</p>
AIR-32839	<p>Vivotek Fisheye FE8391-V</p> <p>Symphony supports Vivotek Fisheye FE8391-V cameras.</p>
FACE-35	<p>Custom lists</p> <p>The Face Recognition video analytic supports custom lists.</p>

## Improvements

Issue ID	Description
AIR-29560	<p>Pressing Enter after adding camera details to the Add Cameras page in the server configuration interface causes Symphony to attempt to connect to the camera. Internet Explorer and Edge do not support this functionality.</p>

Issue ID	Description
AIR-31467	The log package includes the size of the map image and improved LogPolicies logging.
AIR-31605	The Seer2Mpeg utility includes all decorations.
AIR-31644	The Symphony client interface displays auxiliary commands for PTZ cameras on multiple pages rather than limiting them to one page and truncating the list.
AIR-31646	You can move the picture-in-picture window to any corner in the camera view.
AIR-31777	The Symphony server configuration interface displays the corresponding values for slider controls.
AIR-31895 AIR-31896	The Face Recognition video analytic includes functionality to add, update, and delete lists, and support for adding people to multiple lists.
AIR-31897	Symphony supports the installation of updated Automatic License Plate Recognition engines.
AIR-32515 AIR-32835	Symphony supports auxiliary commands for all camera types and sends the commands to the correct IP address.
AIR-32536	Symphony supports video servers with 32 channels.
AIR-32669	The supervisor logon feature is included in all of the editions (standard, professional, and enterprise) of Symphony.
AIR-32844	To eliminate a delay with a Thin Client, Symphony informs the Thin Client when it is added to a video wall.
AIR-32956	The Symphony Client and Player support ~32x speed playback for video.
FACE-139	Implemented various Face Recognition performance improvements.

## Fixes

Issue ID	Description
AIR-22329	The Symphony Player continues playing video when you move the application to another monitor.
AIR-27272	The sort order of the device tree updates after you rename a camera.
AIR-30539	Performing an automatic discovery of cameras does not generate Uncaught TypeError messages in the log files.
AIR-30599	The responsiveness of the glow effect when hovering over PTZ buttons and the general performance of the client interface has improved.
AIR-30619	When switching from viewing live footage on one stream to viewing historical video from another stream, the No data found message disappears once the stream changes.
AIR-30666	The client interface displays the image and decoration when you click on the timeline.
AIR-30668	The server configuration interface displays the correct resolution when you apply a template to a camera that allows custom resolutions.

Issue ID	Description
AIR-30796	The camera list in the server configuration interface displays the device group for a camera when you add the camera.
AIR-30849 AIR-31048	After switching cameras, the client interface does not display video decorations from previous cameras.
AIR-31175	The video wall does not generate extraneous exceptions in the log files.
AIR-31263	The unsuitable tracking region in the calibration image adjusts for the camera resolution.
AIR-31292	You can view activity by camera in the client interface.
AIR-31297	Time decorations update correctly when you move through video by one second and by one frame.
AIR-31327	The client interface displays the correct decorations for historical video.
AIR-31342	Privacy masks appear correctly in both the client interface and exported video.
AIR-31347	Calibration elements do not appear in the server configuration interface for video analytics that do not support calibration.
AIR-31378	Alarm decorations appear in the alarm event images in the Symphony client interface.
AIR-31392	The tab order in the setup wizard is correct.
AIR-31399	The camera resolution in the server configuration interface updates after you change the analysis resolution for a video analytic.
AIR-31440	You can save templates that include additional streams without resolutions.
AIR-31442	You can add exceptions to schedules when the server configuration interface is in a language other than English.
AIR-31453 AIR-31455	Copying and moving cameras to different device groups works as expected in the device tree.
AIR-31495	The Exit Full Screen function is visible in the context menu when you view video in full-screen mode in the client interface.
AIR-31505	Exporting videos from the Symphony Player does not generate extraneous System.IO exceptions in the log files.
AIR-31598	The PrintSignals2File utility does not stop responding when processing files larger than 32 K.
AIR-31619	Dragging the Foreground Sensitivity slider to the right increases the sensitivity.
AIR-31664	The Users page in the server configuration interface loads as expected.
AIR-31676	The CameraData and ViewData string properties from Symphony shared views do not include null characters that can cause increased network load and decreased performance.
AIR-31713	A Symphony Server only appears once in the server list when you register it with the Symphony Client.

Issue ID	Description
AIR-31739	PTZ cameras stop moving (rather than looping continuously) and the client interface displays an error message when you press navigation buttons too many times.
AIR-31759	XML that you export from video analytics includes fence data.
AIR-31803	In the client interface, the Alarm list in the Camera View Settings window displays the alarm names correctly.
AIR-31815 AIR-32636	Camera password fields in the server configuration interface restrict invalid characters.
AIR-31836	The Client does not leak user and GDI handles.
AIR-31907	In the manual configuration interface for video analytics, the areas that are not suitable for tracking include areas where objects are too small for effective tracking.
AIR-31912	The setup wizard does not stop responding because of multiple ServerProfile objects.
AIR-31931	The performance of loading a multiview in the client interface has improved.
AIR-31942	Refreshing licenses does not cause exceptions.
AIR-31943	Playing video at high speed in the Symphony Player is not choppy and does not cause the Player to stop responding.
AIR-31945	Synchronizing historical and live video is disabled when there are more than four panels active in the Symphony Client.
AIR-32008	Replacing an image using the delete and load functions in the Manage Faces window in the client interface works as expected.
AIR-32009	Allowed and blocked lists for Face Recognition do not cause issues with upgrading.
AIR-32224 AIR-32468	The Symphony Server installer does not require that you reboot the computer.
AIR-32533 AIR-32624	The setup wizard does not stop responding when it cannot retrieve the computer serial number.
AIR-32534	The rules for the Outdoor People and Vehicle Tracking video analytic upgrade correctly from version 6 to version 7.
AIR-32609	You can export plate sizes from the Automatic License Plate Recognition video analytic successfully.
AIR-32611	The Cleaner process does not get stuck in a loop when cleaning large amounts of data.
AIR-32641	Axis: The camera list in the server configuration interface displays the camera manufacturer correctly after automatic discovery.
AIR-32655 AIR-32943	Reports that include images work as expected on multi-server farms.
AIR-32665	The AI InfoService service starts as expected after upgrading Symphony.

Issue ID	Description
AIR-32734 AIR-32871	Active Directory synchronization works as expected.
AIR-32774	Saving network settings on the Physical Security Appliance works as expected after setting up the DHCP server.
AIR-32792	The Devices group is the default group in all languages when adding cameras in the server configuration interface.
AIR-32799	Dewarping does not cause out-of-memory errors.
AIR-32815	Mobile Bridge reconnects successfully to the Symphony Server after the AI InfoService service restarts.
AIR-32816	Scheduled reports run at the correct time.
AIR-32817	The date picker works in all time zones.
AIR-32820	Multiple rules that use the same location and schedule, but different events, work as expected.
AIR-32858	Vivotek: Panorama and dual-panorama dewarp modes work as expected when the position is set to wall.
AIR-32872	PTZ cameras return to the home position after automatic tracking ends.
AIR-32943	Alarm reports work as expected when the report includes cameras from another server.
AIR-32967	You can add new devices after you delete the default device group.
AIR-33054	The Symphony installer includes VC++ 2008 Redistributable package.
AIR-33056	When searching for a face using the Face Recognition video analytic, the match scores for images use the same scale as the match threshold in the client interface.
AIR-33060	The AI Tracker does not connect to the database when video motion detection or camera tamper change states.
AIR-33063	The AI Scheduler service does not prevent logging in.
AIR-33086	Vivotek: Cameras do not drop frames after upgrading.
AIR-33123	Creating reports on a multi-server farm does not cause timeouts.
AIR-33159	Axis: You can add the A1001 access control device to Symphony as a hardware device.
FACE-138	The Face Recognition video analytic responds to rule changes as expected once current processing is complete.
FACE-144	The Face Recognition video analytic works as expected with Windows 10.
FACE-146	The Face Recognition version in the registry is correct.

# Release 7.0.8.2 (July 2017)

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This release includes new features, improvements, and fixes from previous private releases.



**Note:** Do not use the Check For Updates feature in Symphony 7.0.7.x release if you have the Face Recognition or Automatic License Plate Recognition video analytic installed. Instead, update these components manually and then manually install Symphony 7.0.8.2.

## Fixes

Issue ID	Description
AIR-32665	The Symphony Server starts as expected after upgrading from an earlier version of Symphony.
AIR-32889	<p>The auto-upgrade feature is disabled if the Face Recognition or Automatic License Plate Recognition video analytic is present.</p> <p> <b>Note:</b> To work around this issue, manually upgrade the Symphony components.</p>

# Private release 7.0.8.1 (July 2017)

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## Fixes

Issue ID	Description
AIR-29687	The performance when exporting video has improved.
AIR-32656	Historical video in the Symphony Client plays at the correct speed.

# Release 7.0.8 (July 2017)

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## New features

Issue ID	Description
AIR-30615	KeyScan Access Control System integration Symphony supports integration with the KeyScan Access Control System.
AIR-32504	H.265 support Symphony supports the H.265 video compression standard for Vivotek cameras.

## Improvements

Issue ID	Description
AIR-31857 AIR-32363	Added the option to save Automatic License Plate Recognition reports as XLS files.
AIR-32123 AIR-32477	Processing continues if the hardware dongle for Automatic License Plate Recognition misbehaves.
AIR-32485	LogPerformance is enabled by default on the Symphony Server and the Symphony Client does not clean log files if it is installed on the same computer as the Symphony Server.
AIR-32584	Symphony creates and uses SHA256 certificates.

## Fixes

Issue ID	Description
AIR-29991	Pelco: The NET5301T decoder connects to Symphony as expected.
AIR-31076	Video from multi-server farms displays as expected in the Client.
AIR-31237	Historical video works as expected when the Symphony database is not responding.
AIR-31908	Setup wizard creates new users as expected.
AIR-32055	The image controls for cameras do not appear for user that do not have Change Settings permission.
AIR-32118 AIR-32480	Symphony closes footage files after one hour of not writing to the file.
AIR-32119 AIR-32478	Joysticks reconnect automatically after power loss without requiring a restart of the Client.
AIR-32122 AIR-32479	Camera tours continue when the video quality is poor.

Issue ID	Description
AIR-32141	Dahua: Configurations for analytics on cameras save as expected.
AIR-32209	Rules that use a fixed camera to initiate auto-tracking on a PTZ camera work as expected.
AIR-32220	To prevent issues, Symphony displays a warning when there is a newer version of a video analytic.
AIR-32228	Emailed reports display the time correctly.
AIR-32304	The device manufacturer list updates when the Symphony Server license is updated.
AIR-32324	Locks are released if a Thread Interrupted Exception occurs.
AIR-32373	The Automatic License Plate Recognition video analytic generates PDF reports without delay.
AIR-32451	The Client does not generate unnecessary user authorization errors.
AIR-32464	Reports can run multiple times.
AIR-32467	Update functionality is hidden when the Symphony Server is managed by Enterprise Manager.
AIR-32470 AIR-32502	The Face Recognition installer starts Symphony services when the installation is complete.
AIR-32471	Multiple video streams from cameras remain synchronized.
AIR-32475	Playing exported videos with a Windows user account does not generate access errors.
AIR-32487	The control ports for PTZ cameras are mapped when upgrading from Symphony 6.14.x to Symphony 7.0.x.
AIR-32522	Axis: M1054 cameras work as expected in corridor mode.
AIR-32535	ADAM: DIO devices do not leak sockets.
AIR-32549	Alarms from the ONVIF Server appear in the Symphony timeline and alarm log.
AIR-32551	New Automatic License Plate Recognition hardware dongles from work as expected.
AIR-32561	Rules based on movement across fences trigger alarms correctly.
AIR-32562	Saving a rule does not generate an "Unable to get property" error.

# Release 7.0.7.2 (June 2017)

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This release includes new features, improvements, and fixes from previous private releases.

## New features

Issue ID	Description
AIR-28560	Hebrew user interface The Symphony user interface now supports the Hebrew language.
AIR-32354	Windows Server 2016 Symphony supports Microsoft Server 2016.

## Improvements

Issue ID	Description
AIR-32355	You can configure the RTSP port for ONVIF connections.

## Fixes

Issue ID	Description
AIR-31892	Audio settings and the privacy mask are not enabled in the server configuration interface after upgrading from Symphony 6.14 to Symphony 7.0.
AIR-32059	Historical video continues to play as expected.
AIR-32104	The historical video service does not restart when you reconfigure a fixed camera.
AIR-32145	The historical video service works as expected with slow hard drives.
AIR-32182	The historical video service no longer restarts unnecessarily.
AIR-32264	The manual configuration editor does not permit non-integer values in integer fields.
AIR-32292	Video from edge storage plays as expected through the ONVIF Server.
AIR-32318	The panel settings menu opens as expected in the video wall manager.
AIR-32332	The Cleaner process does not delete files when it fails to retrieve information about available disk space.
AIR-32336	The historical video service reads footage files as expected.
AIR-32351	The functionality to generate reports from activity on cameras has been restored.
AIR-32353	Enabling or disabling rules by I/O trigger is possible when you configure the rule without an alarm.
AIR-32356	The <code>GetInfo</code> command in verbose mode retrieves storage information as expected.

Issue ID	Description
AIR-32357	The historical video service shuts down as expected.
AIR-32358	The historical video service processes new requests after switching users.
AIR-32359	The RTSP streaming server displays live video from streams 2 to 4 as expected.
AIR-32360	Resizing the rows in a multiview display works as expected.
AIR-32361	Populating a 25-panel multiview display does not cause background Symphony processes to stop responding.
AIR-32449	The Symphony client interface does not display extraneous connection error messages.

# Private release 7.0.7 (June 2017)



**Important:** This release does not include the fix for AIR-32333 that is delivered in release 7.0.6.1.

## New features

Issue ID	Description
AIR-32061	Thin Client management
AIR-32204	Symphony can use Thin Client devices as video wall controllers. The Symphony client interface includes functionality to configure how the video wall responds to alarms and to change cameras, views, and carousels. Thin Client connection state notifications appear in the notification bar.

## Improvements

Issue ID	Description
AIR-32298	Symphony supports Axis A1001 firmware v1.57.0.1.

## Fixes

Issue ID	Description
AIR-25043	The ONVIF Server no longer appears in the device discovery list in Symphony.
AIR-28470	The ONVIF Device Manager connects successfully to the ONVIF Server.
AIR-29995	The response time for switching cameras in video panels has decreased.
AIR-31748	The AI Scheduler service does not stop responding because of port issues.
AIR-31958	The auto-upgrade functionality in Symphony properly checks Xnet for upgrades.
AIR-32057	Corrected a problem with footage file management.
AIR-32064	The AI Scheduler service does not stop responding when polling the I/O state of a device.
AIR-32070	Collation issues do not cause cameras to be unlicensed.
AIR-32125	The Symphony Client does not stop responding if Face Recognition cannot operate in the current configuration.
AIR-32128	Entering a custom file split size during export does not cause the Symphony Client to stop responding.
AIR-32129	Symphony services are set to restart automatically if they unintentionally shut down.
AIR-32131	The PACS listener works with names that contain umlauts (¨).
AIR-32150	Exporting video works as expected when the resolution is manually altered during recording.

Issue ID	Description
AIR-32252	The AI Scheduler service does not stop responding after failing to load the XML for Axis A9188 DIO devices.
AIR-32293	The automatic upgrade process does not stop if some installation packages are not in the upgrade directory.
AIR-32308	The automatic upgrade process works as expected for analytic packages.

## Release 7.0.6.1 (June 2017)

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### Fixes

Issue ID	Description
AIR-31358	Symphony does not send change notifications when permissions prevent a user from making a change.
AIR-31452	The Symphony client interface displays the relay states from ADAM devices.
AIR-31457	Symphony can receive the DIO descriptions for devices that start at index 0.
AIR-31642	Hidden columns do not appear in reports.
AIR-31893	Symphony removes bookmarks for deleted cameras and managing bookmarks works as expected.
AIR-31956	The Client starts as expected when the farm registration path is set to a read-only folder.
AIR-31959	Live camera views only change after the user moves away from a modified width or height field.
AIR-31984	The panel function works as expected when configuring panel overlays.
AIR-32001 AIR-32058	ADAM DIO devices work as expected.
AIR-32007	The calendar in the client interface is more responsive when highlighting dates with associated footage.
AIR-32333	The response time when switching cameras in a panel has improved.

# Release 7.0.6 (April 2017)

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This release includes new features, improvements, and fixes from previous private releases.

## New features

Issue ID	Description
AIR-29540	<p>Alarm video retention</p> <p>Symphony includes the functionality to define different retention settings for alarm video. You can set the number of days to retain the alarm video and the amount of footage before and after the alarm to retain.</p>
AIR-31686	<p>Check for updates</p> <p>Symphony includes the functionality to check Xnet for video analytic updates.</p>
AIR-31003	<p>Axis A9188 Network I/O Relay Module</p> <p>Symphony supports the Axis A9188 Network I/O Relay Module.</p>
AIR-31185	<p>HD resolution</p> <p>The Outdoor People and Vehicle Tracking video analytic supports HD resolutions.</p>
AIR-31272	<p>Face recognition alarms</p> <p>Symphony displays the name associated with the face in the alarm log.</p>
AIR-31345	<p>Trigger alarm tool</p> <p>The Symphony SDK includes the TriggerAlarm.exe tool.</p>
AIR-31666	<p>Failover notification</p> <p>Symphony can send email notifications when a failover occurs and cameras move from an active server to a redundant server.</p>

## Improvements

Issue ID	Description
AIR-23801	Symphony grays out the configuration options for which the user does not have permission.
AIR-25593	The Symphony SDK includes additional options for creating multiviews (for example, naming panels and defining display properties).
AIR-27280 AIR-31623	Functions in the Symphony Web interface require authentication.

Issue ID	Description
AIR-29366	Symphony displays a warning when you try to add a camera with an incompatible template.
AIR-30241	In the calibration interface for video analytics, Symphony marks areas that are not suitable for tracking.
AIR-30648	Symphony logs the user and date/time for changes to alarms.
AIR-30751	The Outdoor Object Tracker interface supports a new background model and higher analysis resolution.
AIR-30769	The camera password change functionality is more robust.
AIR-30782	Symphony sends maintenance expiry information in health packets.
AIR-31030	The frame rate stats and frame rate variance are separate options in the server configuration interface.
AIR-31118 AIR-31289	The video wall functionality is available locally to the Symphony SDK without an enterprise license.
AIR-31328	The sort order of permissions in the server configuration interface has improved and includes the functionality to sort by column.
AIR-31602	The Symphony SDK installer generates the bin directory automatically.
AIR-31669	The Automatic License Plate Recognition video analytic uses a new Latin engine.
AIR-31799	Symphony supports audio samples with 16-bit depth for Dahua cameras.

## Fixes

Issue ID	Description
AIR-15932	Changes to the case of letters in a camera name are not ignored.
AIR-18145	Leading and trailing spaces are trimmed from keys in the manual configuration editor.
AIR-25892	Clicking the Login button after a session expires, while using the export devices functionality, does not cause Symphony to export a device file with an error.
AIR-26966	Symphony checks that the files you try to import are the correct file type.
AIR-28318	Symphony supports AAC audio.
AIR-30530	Symphony can save camera streams with widths or heights less than 100 pixels.
AIR-30885	PTZ configuration options are appearing correctly in Symphony.
AIR-31015	The License page in the server configuration interface displays an error message rather than becoming unresponsive when a license refresh fails.
AIR-31028	The secure cookie attribute is set for all cookies when using the HTTPS Web interface or server configuration interface.
AIR-31037	Automatic License Plate Recognition installation works as expected.
AIR-31039	The setup wizard retains offline license settings after a successful offline registration.

Issue ID	Description
AIR-31052	The Client can now export video when the resolution changes in the footage. It will export up to the change point rather than exiting.
AIR-31059	Brightness and contrast for cameras can be changed in Symphony.
AIR-31066	Symphony presents resolutions correctly when cameras are rotated.
AIR-31067	Symphony includes a list of individual storage assignments for camera footage.
AIR-31072	The button to send test email in the server configuration interface works as expected.
AIR-31074	Automatically detecting video stream changes works when using multiple streams with video analytics.
AIR-31204	Links in alarm emails work as expected.
AIR-31210	Cameras added to video encoders and cameras with multiple lenses do not automatically appear as PTZ cameras.
AIR-31212	When moving PTZ cameras using the click and drag arrow, the PTZ cameras do not continue panning when you release the mouse button.
AIR-31230	After disabling a server in the Symphony client interface, the Client does not stop responding.
AIR-31235	A red line does not appear at the bottom of the calibration image for video analytics.
AIR-31240	The setup wizard does not generate an unexpected XML error for video encoders with updated XML.
AIR-31245	Symphony does not stop responding if the AI InfoService cannot log its stop event.
AIR-31252	The server configuration interface and client interface sort the device tree in the same way.
AIR-31259	The Symphony Client connects to a new Symphony Server without requiring a restart.
AIR-31271	Axis hardware can be added in the server configuration interface without a linked camera.
AIR-31275	The Linked Camera list on the Hardware page in the server configuration interface is sorted correctly.
AIR-31276	The Linked Camera field on the add and edit hardware pages in the server configuration interface populates correctly.
AIR-31295	The Axis A1001 access control device can only be added as an access device.
AIR-31301	When displaying a calendar using the date overlay button, the calendar does not truncate months that span six weeks.
AIR-31329	Administrators cannot edit their own group membership.
AIR-31341	The privacy mask obscures video correctly.
AIR-31344	Extraneous authorization errors are no longer logged after deleting a camera.
AIR-31363	Video wall works as expected.

Issue ID	Description
AIR-31397	Extraneous read errors are no longer logged when switching panels on the video wall.
AIR-31407	The Client does not hang when using Face Recognition.
AIR-31408	The User Priority slider changes the priority value in the User Priority text box and vice versa.
AIR-31410	Access devices can be removed in the server configuration interface.
AIR-31420	Adding a USB camera works as expected and does not cause the server configuration interface to stop responding.
AIR-31426	The grid spacing slider for Motion Detection works as expected in the Chrome browser.
AIR-31434	Settings for video analytics can be saved as expected for cameras connected to video encoders.
AIR-31439	The option to change the frame rate for the alarm setting is available when you apply a custom template.
AIR-31460	Optical zoom works for analog PTZ cameras that are connected through an encoder.
AIR-31510	Moving the mouse does not disengage the microphone.
AIR-31554	GetStorageStates does not cause errors in the Client logs.
AIR-31607	Vivotek 6000 series cameras support audio in.
AIR-31616	Video fragmentation has been reduced in RTSP transmissions.
AIR-31667	Tracker does not prevent DIO trigger requests from triggering License Plate Recognition alarms.
AIR-31668	Cleaner runs at the appropriate I/O priority.
AIR-31672	The Settings table does not experience SQL deadlocks.
AIR-31673	
AIR-31730	The AI InfoService does not stop responding when synchronizing an Active Directory user with recursive permissions.
AIR-31758	The in and out counts for People Counter are accurate.
AIR-31760	The unsuitable tracking region for video analytic calibration adjusts for camera resolution.
AIR-31791	When exiting the full screen mode for multiview, the desktop does not momentarily appear.
AIR-31793	Video wall manager does not disconnect from the Client after changing the camera view to 16 or 25 view.
AIR-31841	AI Tracker does not restart during camera password changes.
AIR-31845	Historical video is accessible after moving a camera from one server to another server in a multiple server farm that uses local drives for data storage.
AIR-31852	The primary group for Active Directory users is visible in non-English installations.

Issue ID	Description
AIR-31853	Changing layouts does not cause black panels or errors loading in the video wall.
AIR-31879	Changing a camera panel to full screen works as expected when video wall is in full screen mode.
AIR-31881	Video is available in the Symphony Web interface when the Symphony Server is accessed via a router.
AIR-31886	Converting video files works as expected for video files that include audio (except AAC audio).
AIR-31902	Updating Symphony does not change the resolution for cameras in corridor mode.
AIR-31903	Searches in the Symphony Client work as expected on non-English installations.
AIR-31911	Multiview displays correctly when the Client starts.
AIR-31913	Updating multiple license plates does not cause SQL errors.
AIR-31915	The Mobile Bridge does not stop responding because of unsupported characters when logging requests.
AIR-31940	Converting video files works as expected when the video does not have decorations.
AIR-31966	The Client setting dialog can be opened when using the Korean language interface.

## Private release 7.0.5.7 (April 2017)

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### Fixes

Issue ID	Description
AIR-31827	Apply All functionality works for the video wall.
AIR-31861	The Symphony client does not stop responding after exporting video.

# Private release 7.0.5.6 (April 2017)

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## Improvements

Issue ID	Description
AIR-31848	Symphony includes a new Latin engine from ARH.

## Private release 7.0.5.5 (March 2017)

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### Fixes

Issue ID	Description
AIR-31706	Moving cameras in the device tree does not cause an error message.
AIR-31717	Axis: Audio works with the P8221 device without setting the camera to always record.
AIR-31764	You can modify user accounts in the Symphony client when the client is configured to prompt for credentials when it starts.
AIR-31770	The first silent installation with a defined setup wizard configuration file runs the setup wizard at the end of the installation.

## Private release 7.0.5.4 (March 2017)

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### Fixes

Issue ID	Description
AIR-26669	Synchronized video playback works as expected when some of the cameras do not have footage available for synchronization.
AIR-29464	The top row of panels in a multiview appear as the correct size. When loading a multiview that you created in a previous version of Symphony, the panels might be sized incorrectly. To resolves this issue, either create a new multiview or modify and save the multiview.
AIR-30321	You can save cameras after adding analytics using auto-detection.
AIR-31693	Video wall clients do not disconnect when the AI NetSendHist service restarts.
AIR-31718	The Restore After setting for actions save correctly.
AIR-31720	The Alarm panel for the Video Wall and Client shows alarm events and cameras correctly.
AIR-31735	The AI NetSendHist service does not cause historical video and exports to hang.

## Private release 7.0.5.3 (March 2017)

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### Fixes

Issue ID	Description
AIR-31690	Vivotek: Symphony is receiving audio as expected from IP7131 cameras.

## Private release 7.0.5.2 (March 2017)

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### New Features

Issue ID	Description
AIR-30810	<p>Check for updates</p> <p>Added a button to the Symphony server configuration interface that causes Symphony to check for and apply updates.</p>

### Fixes

Issue ID	Description
AIR-31570	Changing views does not cause the video wall to disconnect from the Symphony client.
AIR-31595	The Symphony client does not stop responding when you double-click a panel on the video wall.
AIR-31639	Saving configuration for a video analytic works as expected with video encoders.

## Release 7.0.5.1 (March 2017)

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### New Features

Issue ID	Description
AIR-25152	<p>PSA Web interface</p> <p>Added a tab to the Symphony server configuration interface that includes the configuration options from the PSA Web interface when Symphony is running on a PSA.</p>

### Fixes

Issue ID	Description
AIR-29190	Two-way audio works as expected for Axis, Bosch, Hikvision, and Johnson Controls cameras. Audio out only supports the G.711 audio codec.
AIR-31458	The Manage Faces button appears correctly in the client interface.
AIR-31459	The PTZ configuration options appear correctly in the server configuration interface.
AIR-31484	Adding cameras to a map and saving the map works as expected after rotating the camera on the map.
AIR-31498	The DeviceLocator process terminates properly when instructed to do so and does not cause subsequent device discoveries to fail.
AIR-31509	Expired InfoService instances do not prevent new InfoService instances from starting and do not cause Symphony servers to stop responding.
AIR-31574	The Symphony Client does not stop responding when multiple monitors display numerous camera views.

# Release 7.0.5 (February 2017)

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This release includes new features, improvements, and fixes from previous private releases.

## New features

Issue ID	Description
AIR-29542	Added the <code>AskForReason</code> field to the <code>acc.ini</code> file that requires a user to provide a reason for logging in to Symphony.
AIR-30811	Added functionality to Face Recognition that allows searching for faces in footage. You can search for faces associated with profiles or upload images to search for unknown faces.

## Improvements

Issue ID	Description
AIR-30544	Added a message to indicate when authentication fails.
AIR-30547	Improved the edit and save functionality on the Security Profiles page.
AIR-30613	Added search, filter, and auto-complete functionality to Camera Shortcut fields.
AIR-31049	Removed audio recording overrides to simplify recording.
AIR-31062	Added functionality to generate JPEG files using the SDK.
AIR-31121	Improved the password change functionality to include testing and verification for new passwords.
AIR-31294	Increased the maximum size of log files from 2 MB to 5MB to reduce the number of log files.

## Fixes

Issue ID	Description
AIR-22681	Creating a blank label for auxiliary commands does not create an incorrect label in the auxiliary command list.
AIR-28040	AXIS: Dewarping works as expected on Axis M3027 cameras in panoramic mode.
AIR-28676	Ghost objects do not appear in the camera view after reconfiguring Outdoor Object Tracker and resetting the Tracker.
AIR-29506	Opening the Client on the same computer as the server does not cause the surrogate to stop responding and does not generate Canceling DCOM request and abandoning OCX errors.
AIR-29545	Minimizing and restoring an RDC window does not cause the surrogate to stop responding.
AIR-29571	Disabling live video streaming does not prevent JPEGs from appearing when you click the timeline.
AIR-29594	LDAP URL works as expected when the URL contains OU or CN attributes.

Issue ID	Description
AIR-29754	Starting the Client causes the task bar icon to appear as expected and the Client window to be brought to the foreground.
AIR-29924	The Advanced Mode button is disabled when the Client is locked.
AIR-29971	Clicking a button (for example, back one frame) repeatedly does not adversely affect the display panel or overlay behavior.
AIR-30066	AXIS: Playing historical video backwards on Axis P1346 cameras works as expected.
AIR-30317	Modifying the zoom values for the zoom action set of a PTZ camera enables the Save button.
AIR-30348	Searching for events using an uncalibrated Outdoor People and Vehicle Tracking analytic returns results as expected.
AIR-30366	Changing the image functionality in the Server Configuration interface (especially when configuring analytics) works as expected.
AIR-30367	Localized text is appearing correctly for schedules.
AIR-30432	Using the mouse scroll wheel does not modify the calibration settings for analytics. To use the scroll wheel for calibration, you must hold the Shift key.
AIR-30435	The Delete button is not available for the default Administrators and Symphony Users groups.
AIR-30444	The Server Configuration interface displays a tool tip with the set times for schedule blocks.
AIR-30456	The video storage settings for cameras work as expected without conflicts with the video storage settings for servers.
AIR-30471	Symphony applies permission changes that result from changing security profiles immediately without requiring you to log in again or refresh the page.
AIR-30474	The digital zoom in on hot spots feature works as expected with VE180 engines.
AIR-30532	The digital zoom in on hot spots feature works as expected with PT091 automatic tracking.
AIR-30535	Video resolution is correct when quickly switching cameras.
AIR-30595	The parsing of <Input> tags on video encoders (ONVIF and Flir) is correct.
AIR-30598	Switching to Active Directory mode works as expected with offline installations when Xnet is available but behind a firewall.
AIR-30602	Exported low-resolution videos include tracking boxes.
AIR-30620	The stream from a Vivotek fisheye camera, when set to dewarp, does not cause the Symphony Client to close.
AIR-30634	Assigning a fisheye camera in a 6-view mutliview does not cause surrogate.exe to stop responding.
AIR-30637	Symphony Client does not obscure the Windows task bar when maximized.
AIR-30649	Accessing subdomains using Active Directory works as expected.

Issue ID	Description
AIR-30653	Changing the panoramic type does not cause surrogate.exe to stop responding with a COM exception error.
AIR-30663	The option to changing permissions for <All Users> is unavailable to prevent errors caused by attempting to change the permissions for the Administrators group.
AIR-30670	Changes to avatars in the manual configuration perspective for a Symphony are saved in the configuration XML.
AIR-30709	Deleting users, templates, carousels, rules, events, actions, and schedules includes a confirmation message and prompt.
AIR-30715	Deleting the active security profile is no longer possible.
AIR-30745 AIR-31120	Options for configuring the layout of the Symphony Client are available in the Client settings.
AIR-30746	Adding a camera works as expected after failing authentication and retrying with the correct credentials.
AIR-30770	The FQDNs of Symphony Servers do not change to the hostnames in the database after a service or server restarts.
AIR-30797	The Transport field is visible for templates in the server configuration interface.
AIR-30828	The Symphony Client does not generate a System.InvalidOperationException: No connector end-points specified error when the IP address for a hostname changes.
AIR-30841	Dates in the footage picker are now bold.
AIR-30842	Overlay buttons are appearing as expected for historical video.
AIR-30847	Playing video backwards works as expected when audio is enabled.
AIR-30886	Symphony uses the devname instead of the brand to identify password groups in communications with Enterprise Manager.
AIR-30888	Response time when moving forward or backward by a single frame in video has improved.
AIR-30898	The WebServiceConsole works with all arrays (for example, PanelDisplayType[], uint[], and long[]).
AIR-30903	The Client does not generate an error when the automatic update completes.
AIR-30906	Playing historical video does not cause the surrogate to stop responding because of heap corruption.
AIR-30907	The full screen option appears as expected in the client interface.
AIR-30960 AIR-31336	USB cameras work as expected.
AIR-31014	Symphony uses farm credentials to refresh licenses from Xnet.
AIR-31029	The Face Recognition button appears as expected in the client interface.
AIR-31036	The search box appears as expected in the search window.

Issue ID	Description
AIR-31050	Selecting snow suppression for analytics works as expected.
AIR-31073	Rotating images 180 degrees works as expected with JPEG files in preview images and email attachments.
AIR-31109	Video streams from Vivotek cameras are no longer limited to 2 FPS.
AIR-31116	Zoom, Email, and FTP actions are i18n compliant.
AIR-31141	Alarms are not triggering multiple times and causing dropped frames.
AIR-31143	Scheduled reports include the correct data.
AIR-31144	Cameras in corridor mode with an analytic enabled work as expected.
AIR-31169	MAC address populates correctly when a client only uses a wireless network interface.
AIR-31202	Closing a camera view in multiview mode does cause an error message.
AIR-31203	The privacy mask appears as expected in the client interface.
AIR-31221	NetSendHist does not stop responding when the Tracker restarts.
AIR-31246	Updating licenses takes a reasonable amount of time.
AIR-31250	Attempting to move a locked PTZ camera does not cause multiple errors that result in the PTZ camera becoming unresponsive.
AIR-31332	Face Recognition is no longer included in the standard search.
AIR-31423	PTZ configuration options appear as expected in the server configuration interface.

### Known issues

Issue ID	Description
AIR-31259	The Symphony Client 7.0.5 might require a restart to connect successfully to previous versions of the Symphony Server.
AIR-31432	No Video Analytic Pack is installed or component is not functioning error appears in the server configuration interface after upgrading to Symphony 7.0.5. Workaround: Update to the latest version of the video analytic.
AIR-31438	The InfoService does not start automatically after a reboot following the installation of Face Recognition. Workaround: Restart the InfoService manually after the reboot.

# Private release 7.0.4.4 (February 2017)

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## Fixes

Issue ID	Description
AIR-31308	The Symphony Client reconnects and restarts video if the live video in a video wall stops.

## Release 7.0.4.3 (January 2017)

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### Fixes

Issue ID	Description
AIR-31150	Cameras in corridor mode with an analytic enabled work as expected.

## Release 7.0.4.2 (January 2017)

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### Fixes

Issue ID	Description
AIR-30987	Remote Support is only installed if you select it as an option.
AIR-31016	The Setup Wizard functions as expected (without SQL timeouts during clean installations of the Symphony server).

## Release 7.0.4.1 (December 2016)

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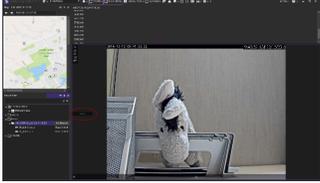
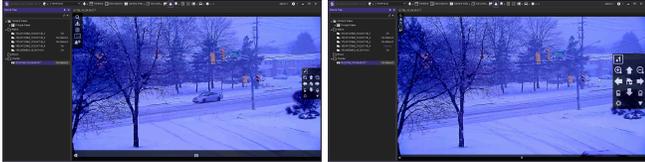
### Fixes

Issue ID	Description
AIR-30915	Fixed a problem where video did not display if Symphony 6.14 was upgraded to Symphony 7.0, 7.0.1, 7.0.2, or 7.0.3, and then to Symphony 7.0.4.

# Release 7.0.4 (December 2016)

This release includes new features, improvements, and fixes from previous private releases.

## New features

Issue ID	Description
AIR-27421	<p>Picture in Picture</p> <p>You can view picture-in-picture live video while watching recorded video from the same camera.</p>
AIR-27813	<p>Digital Input and Output</p> <p>The Symphony Client includes a digital input and output button that you can configure for the camera view. In the server configuration interface, you can configure the digital input and output button, set an optional automatic deactivation, and define the permissions for the digital input and output.</p> 
AIR-28143	<p>Digital zoom</p> <p>Symphony supports digital zoom for PTZ cameras.</p>
AIR-29268 AIR-29547	<p>Camera passwords</p> <p>Camera passwords can be updated from the Symphony server configuration interface or the Aimetis Enterprise Manager.</p>
AIR-29891	<p>PTZ navigation buttons</p> <p>You can adjust the size of the PTZ navigation buttons in the client interface.</p> 

Issue ID	Description
AIR-30304	License Plate database maintenance Symphony can automatically delete license plates that are not on the license plate list from the database after 30 days.
AIR-30344	Dell iDRAC health information Symphony can monitor the health of Dell PowerEdge™ servers and display health information in the State Info Bar.

## Improvements

Issue ID	Description
AIR-27049	Calibration diagrams include zoom functionality to improve camera calibration.
AIR-27557	Symphony supports one-click uninstalls, where uninstalling the Symphony Server also uninstalls related components.
AIR-27833	Users can add and edit license plates.
AIR-27922	The installer indicates to which version it is upgrading.
AIR-27945	The client interface includes a full-screen button in the displayed camera views.
AIR-29162	Users can create a new video recording schedule when adding a camera.
AIR-29266	Cameras that users add manually after automatic discovery appear at the top of the camera list.
AIR-29593	The Aimetis Symphony folder includes a shortcut to the server configuration interface.
AIR-29703	The device number appears on the Camera Edit page.
AIR-29758	The update folder path is auto-populated when a user enables automatic client updates.
AIR-30112	The Setup Wizard does not remove installed SSL certificates.
AIR-30240	The Setup Wizard runs automatically after the installation is complete.
AIR-30249	Logs use the product version rather than the file version.
AIR-30302	Latency in video rendering has been reduced to improve video playback.
AIR-30303	Symphony automatically detects the resolution of video streams.
AIR-30643	You can edit recording schedules when editing a camera.
AIR-30644	Symphony groups associated with Active Directory groups show the Active Directory group name on the group edit page.
AIR-30695	Symphony includes updated drivers that it can use to determine the version of the dongle automatically.
AIR-30738	The Report Tool includes alarm latency information.

## Fixes

Issue ID	Description
AIR-11804	Show Desktop button no longer causes an internal sub-process failure.
AIR-16285	Camera tours do not allow empty pause times.
AIR-18483	Users can change the audio source linked to a camera.
AIR-20602	Symphony Client continues responding even if the joystick DLL is not registered.
AIR-22682	Labels and URL fields for PTZ camera auxiliary commands have a character limit. Labels are limited to 64 characters. URL fields for PTZ camera auxiliary commands are limited to 256 characters.
AIR-23428	Negative pause times are not permitted for camera tours.
AIR-25796	Outdoor Object Tracker works as expected with cameras added by hostname rather than IP address.
AIR-26455	Long device names do not overlap in the device tree when creating events.
AIR-26632	The error count for adding cameras is not cumulative.
AIR-26808	Logging into the server configuration interface with correct credentials does not produce UnauthorizedAccessExceptions in the logs.
AIR-27027	Filters on server configuration interface pages display consistently.
AIR-27298	Configuration pages for add-ons do not shift horizontally in Advanced mode.
AIR-27375	The Run Program fields for action sets include examples.
AIR-27810	The Digitally zoom in on hot spots feature no longer causes an internal sub-process failure.
AIR-27947	Selecting an unsupported FPS value defaults to the closest FPS value supported by the camera.
AIR-28052	Mobotix: The MxPEG decoder was updated and it is decoding MxPEG video properly.
AIR-28362	When creating or editing a rule, you cannot delete schedules that other rules use.
AIR-28724	Filtering of multiple-page lists works as expected.
AIR-28727	Template names have a character limit of 64 characters.
AIR-28809	Configuration fields reset to blank after cancelling the configuration of an access device.
AIR-29122	Locked PTZ cameras can detect motion and record video.
AIR-29558	Logging in as an Active Directory user with a domain specified in the user name displays the Server Configuration interface as expected.
AIR-29694	The client interface does not freeze when you minimize and restore it on a secondary monitor.
AIR-29730	Improved the loading time of camera JPEGs.

Issue ID	Description
AIR-29749	The Symphony Client does not change renderers when you unlock the computer.
AIR-29769	A sporadic historical video freeze problem is resolved.
AIR-29855	No Footage Found decoration appears correctly with two streams.
AIR-29861	The date format is correct in French.
AIR-29866	Changing the panoramic technology type does not cause an exception.
AIR-29980	The Licenses page in the server configuration interface refreshes when you refresh the licenses.
AIR-30004	Special characters in XML no longer cause the Tracker to stop responding.
AIR-30022	Maintenance functions on SAN downloads prevent blocked downloads
AIR-30045	You can change the camera manufacturer after you add the camera to Symphony.
AIR-30050	Duplicate session IDs do not cause NetSendHist to stop responding.
AIR-30057	Fixed several memory leaks in panel switching.
AIR-30059	Restoring a minimized client interface does not cause an interruption to video playback nor the client interface to stop responding.
AIR-30078	Crowd Detection alarms show up in search results.
AIR-30087	The calibration fields for the Crowd Detection analytic are limited to two decimal places of accuracy.
AIR-30088	The Face Recognition button only appears if the Face Recognition analytic is installed.
AIR-30090	The value for the Crowd Rule duration is limited in length.
AIR-30094	The Carousel button in the client interface works as expected.
AIR-30113	Video panels cannot be undocked, moved, or resized when the client interface is locked.
AIR-30120	Auto-calibration for analytics does not cause the Tracker to stop responding.
AIR-30125	Printing and exporting alarm logs displays a progress bar and no longer causes the client to hang.
AIR-30195	Fixed Videowall client memory management to prevent it from stopping.
AIR-30262	The Users page on the Security tab in the server configuration interface includes IDs in the search filters.
AIR-30273	Switching panels repeatedly does not cause NetSendHist to stop responding.
AIR-30275	The server configuration interface allows custom camera resolutions.
AIR-30276	JPEG streaming in the client interface works after added settings to the Manual Configuration Editor ( <a href="#">KB 10456</a> ).
AIR-30301	Retrieving license plate descriptions for duplicate license plates does not cause SQL exceptions.

Issue ID	Description
AIR-30305	The Tracker does not create data that corrupts footage files after the storage state goes up, down, and up.
AIR-30326	The Input Device drop-down list on the Sound tab in Settings appears correctly.
AIR-30335	You cannot install Symphony Player on a computer if a standalone Symphony Client or Symphony Server is already installed.
AIR-30337	Schedules that include fractions of hours do not cause server errors.
AIR-30343	Configuration settings for Add-Ons save as expected.
AIR-30347	Live video works as expected on cameras with high key-frame rates.
AIR-30349	Axis: PTZ camera is moving as expected through the M7011 video encoder.
AIR-30354	The default transport setting is TCP.
AIR-30355	The Automatic License Plate Recognition dwell time can be entered as expected.
AIR-30357	Cameras do not remain zoomed when switching from recorded to live video.
AIR-30361	Auto upgrade for the Client works as expected without returning an Unknown installer type error.
AIR-30365	Showing the timeline does not cause the Client to stop responding.
AIR-30375	You can remove the permission to view rules from users.
AIR-30380	You can deactivate a rule from another rule.
AIR-30383	Saving device settings after deleting a device does not cause an SQL exception.
AIR-30391	ONVIF: AUX commands appear in the Server Configuration interface.
AIR-30392	Importing cameras works as expected.
AIR-30394	The client interface does not stall on start up.
AIR-30395	Launching the Map Editor and loading newly added maps does not cause a loading map error.
AIR-30424	Number fields accept commas as decimal marks in locales where this is the norm.
AIR-30425	You can create a shared view if a camera view is empty.
AIR-30426	The Get the current location action is working as expected for zoom rule actions.
AIR-30437	License refresh works as expected in the Server Configuration interface.
AIR-30441	The Automatic License Plate Recognition report option appears in the Report Designer in the Client interface.
AIR-30476	PTZ camera preset labels appear correctly when you change PTZ cameras.
AIR-30518	Alarm emails do not create extraneous images.
AIR-30519	Images in alarm emails includes the date and time in the correct format.

Issue ID	Description
AIR-30520	The attachments to alarm emails include video decorations.
AIR-30526	Alarm thumbnails consistently load in exported reports.
AIR-30534	Large reports sent through email include data and do not time out.
AIR-30557	Exporting reports works as expected.
AIR-30566	PTZ presets appear for users with PTZ Preset permission, but not Control PTZ permission.
AIR-30603	Rules interface for Indoor People Tracked does not include "Vehicles" and "Unknown" options.
AIR-30604	The resolution saved in the XML matches the resolution of the image used for calibration in the Server Configuration interface.
AIR-30716	You cannot delete the user account with which you are logged in.
AIR-30717	Moving a camera to a different server does not overwrite the storage path settings.
AIR-30721	Carousels do not arbitrarily restart after two minutes.
AIR-30737	Auxiliary controls for PTZ cameras appear as expected in the Symphony Client.
AIR-30739	Automatic License Plate Recognition does not create two alarms for the same license plate.
AIR-30740	Symphony does not drop frames because of issues with processing resource allocation.
AIR-30741	LogPackage creates files that use the local date and time.
AIR-30742	Symphony displays the correct footage for cameras with multiple streams.
AIR-30748	Axis: Dewarping works on the M3007 camera with the 6.30 firmware.
AIR-30835	Playing historical footage works as expected without freezing or variations in resolution.
AIR-30910	OPC server does not request a license.

## Private release 7.0.3.4 (July 2017)

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### New features

Issue ID	Description
AIR-32939	H.265 support in the Symphony Client The Symphony Client supports the H.265 video compression standard for Vivotek cameras when it connects to the Symphony Server 7.0.8 or later.

### Fixes

Issue ID	Description
AIR-32940	The H.265 codec is available in the video codec options for templates.
AIR-32950	Audio in works as expected.

## Private release 7.0.3.3 (November 2016)

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### Fixes

Issue ID	Description
AIR-30667	Auxiliary controls appear as expected in the Symphony Client.

## Release 7.0.3.2 (November 2016)

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This release includes new features, improvements, and fixes from previous private releases.

### Fixes

Issue ID	Description
AIR-30467	Reports export as expected.

## Private release 7.0.3.1 (November 2016)

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### Fixes

Issue ID	Description
AIR-30345	Alarm emails consistently include jpg attachments.
AIR-30386	Alarm emails no longer create exorbitant numbers of duplicate images.
AIR-30430	LPR report option is available when it should be.
AIR-30450	Alarm image sent by email shows date/time decoration properly.

## Release 7.0.3 (November 2016)

### Improvements

Issue ID	Description
AIR-28564	Improved the camera control algorithm for the PT091 to resolve camera speed estimate mismatch.
AIR-29384	Axis: Updated to firmware 1.46.0 for the Axis A1001.
AIR-30264	Update error message for shared views.
AIR-30278	Improved facial recognition to reduce false positives.
AIR-30279	Added information to the error message when adding a user without an associated AD group.

### Fixes

Issue ID	Description
AIR-17021	Reset zoom functionality is available in the context menu for non-PTZ cameras.
AIR-24493	Alarm thumbnail is present in email and save report file.
AIR-27150	Parsing empty XML no longer causes LPR rule processing without algorithm analysis.
AIR-28479	Scrolling in and out in Player works as expected.
AIR-28888	Decorations appear as expected when going back by frame in the Player.
AIR-28927	Server column is present on the Carousel details page.
AIR-29021	Saved videowall layout appears in the Load current Video Wall Layout menu.
AIR-29199	Enabling and disabling a server farm does not cause a client deadlock.
AIR-29201	The Get Info - Verbose feature in the client is working as expected.
AIR-29352	User Viewing Camera window shows users correctly.
AIR-29483	Video export date format matches the client date format.
AIR-29562	Heat Map report generates images correctly.
AIR-29665	Highlight New Alarm feature can be enabled and disabled without an alarm.
AIR-29670	Client no longer shows live video when switching cameras during historical playback.
AIR-29801	Installation on servers that are also domain controllers is now allowed.
AIR-29825	FPS text appears correctly on the Devices > Cameras page in the server configuration interface with Portuguese operating systems.
AIR-29854	Timeline options do not appear in the context menu when the Timeline is hidden.
AIR-29879	Importing cameras works as expected.

Issue ID	Description
AIR-29912	The Cloud Services button appears correctly after an upgrade from Symphony 7.0.
AIR-29926	Alarm console text appears correctly.
AIR-29933	Servers in multi-server farms show the correct status.
AIR-29942	Camera edit validation errors are more informative.
AIR-29983	Decorations display correctly when changing step direction.
AIR-30011	Number fields accept commas as decimal separators if the operating system is configured this way.
AIR-30015	Camera resolution change detection code works as expected.
AIR-30021	Active Directory users are not removed during the Aimetis Enterprise Manager synchronization process (with Managed Farms), and users are added to the Users table on login.
AIR-30028	The Symphony Client is no longer logging an error when trying to read settings using a Turkish OS.
AIR-30030	Setup Wizard no longer gets stuck in the pending state in certain situations.
AIR-30043	Symphony installer does not overwrite the original registry values during upgrades.
AIR-30048	Active Directory group association is disabled when Symphony is managed by Aimetis Enterprise Manager.
AIR-30058	The Change Image button has been removed from the Crowd Detection event.
AIR-30074	The date decoration appears correctly on searches converted to MPEG.
AIR-30075	The URL that is sent to email to view searches does not show an error in Player.
AIR-30086	Add On calibration height and distance sliders are restoring to default settings.
AIR-30093	Web client ActiveX plugin shows Aimetis Corp. as a verified publisher.
AIR-30096	Installer can skip all SQL checks and not install SQL if desired.
AIR-30097	Arecont AV5585 model name appears correctly in log files.
AIR-30100	Client launches as expected.
AIR-30122	Correct snapshots are loading in add-on configuration and rules for a PTZ camera with multiple locations.
AIR-30129	Shared views added on the map in one client show up correctly on the map in other clients.
AIR-30251	Dates display correctly for time zones beyond GMT+12.
AIR-30361	Client auto-upgrade works as expected.

## Release 7.0.2.1 (October 2016)

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### Fixes

Issue ID	Description
AIR-29868	Axis: Resolved PTZ performance for dewarped camera (Axis M3007).
AIR-30202	Tracker restart does not affect video.

# Release 7.0.2 (October 2016)

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## New features

Issue ID	Description
AIR-29180	<b>Bookmark navigation</b> You can browse backwards and forwards through bookmarks on the timeline.
AIR-29181	<b>Manual alarms</b> You can create a manual alarm from an event in live video.
AIR-29460	<b>Face recognition</b> Symphony Face Recognition is a video analytic that offers facial recognition, event triggering, and alarms.
AIR-29931	<b>Active Directory Groups</b> Symphony automatically associates Symphony groups with Active Directory groups if Symphony is in Active Directory mode and you use Aimetis Enterprise Manager.
AIR-29939	<b>Windows event log</b> Symphony writes events to the Windows event log.
VIS-231	<b>New Analytic Algorithm: Crowd Analytics</b> You can now raise an alarm when crowds of people in a specified area reach a certain density / occupancy level.

## Improvements

Issue ID	Description
AIR-17382	Changed the storage location of camera views to the database so that camera views can be shared and accessed from multiple computers and managed centrally.
AIR-27649 AIR-29873 AIR-29921	Added support for new LPR dongles and engines.
AIR-28255	Added the available per-camera licenses to the license page.
AIR-29876	Added a check box to indicate that the new LPR hardware license version should be used.

Issue ID	Description
AIR-29882	Upgraded decoder used by Device Packs and Client.

### Fixes

Issue ID	Description
AIR-29033	Decorations perform as expected when playing exported video at 8x speed.
AIR-29264	Watermarking works as expected.
AIR-29495	There is an upper limit on the digital zoom when using a mouse scroll wheel.
AIR-29532	Direct connect is working as expected.
AIR-29610	Alarm image sent to the FTP server includes the date decoration.
AIR-29613	Left navigation panel appears consistently in the Server Configuration interface.
AIR-29656	Multiview is now full screen.
AIR-29693	Available license column is aligned correctly on the licenses page.
AIR-29696	Date decoration appears on JPEGs in the web client.
AIR-29274	The highlighting on the Timeline button in the toolbar disappears after using the context menu to hide the timeline.
AIR-29736	NetSendHist shuts down as expected.
AIR-29803	License plate size configuration performs as expected.
AIR-29806	Tracked Motion Detected By PC changes recording mode to Always if no motion analytic is selected.
AIR-29824	Analytics Manual Calibration for indoor analytics saves as expected.
AIR-29856	Issue where the video wall was logging Failed to start live view errors is resolved.
AIR-29858	Changing the IP of a camera does not require clicking Reconnect.
AIR-29904	Setup Wizard crash is resolved.
AIR-29909	JPEGs from the Get JPG SDK call include the date decoration.
AIR-29918	Zoom action is handling input correctly.
AIR-29920	LPR is detecting Chinese characters correctly.
AIR-29985	Chinese sub-regions were removed from LPR.
AIR-30006	Licensing works as expected on Turkish operating system.
AIR-30019	The General Settings page appears as expected in all locales.
AIR-30046	Bug report is collecting server logs.

# Release 7.0.1 (September 2016)

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## New features

Issue ID	Description
AIR-29179	Jump to time You can enter the time, in addition to the date, to jump to specific footage.

## Improvements

Issue ID	Description
AIR-27434	A Report button tool-tip was added.
AIR-29588	You can configure which icons appear in the toolbar.
AIR-29590	The display options for the camera panel name have been expanded.
AIR-29592	The Server Configuration interface was reorganized.

## Fixes

Issue ID	Description
AIR-28074	Minimize, Maximize, and Close buttons do not move.
AIR-28367	Server configuration menus are no longer affected by other server farms.
AIR-29139	AXIS: Pressing the Home PTZ button on fisheye camera does not cause a crash.
AIR-29152	Video wall does not log an unhandled exception during panel switching tests.
AIR-29349	Initial frames of exported video show with the privacy mask.
AIR-29442	Pick a Date window opens in the correct place.
AIR-29485	Symphony client can be resized larger than the main monitor can.
AIR-29522	Navigating to an offline camera does not prevent video from online cameras from loading.
AIR-29660	Deleting an unauthorized farm does not crash the client with a null reference exception.
AIR-29709	Client does not crash during video rendering (in certain circumstances).
AIR-29721	The context menu in the device tree opens immediately.
AIR-29739	Video playback performs as expected when switching monitors during high-speed playback.
AIR-29766	Video appears immediately when switching between cameras.
AIR-29771	Video setting upgrade works as expected with multiple streams.
AIR-29799	Importing LPR CSV does not overwrite the plate database.
AIR-29807	Schema.sql is located in the _Scripts folder.

Issue ID	Description
AIR-29811	Sorting the alarm log by date works as expected.
AIR-29826	De-warping works as expected for all camera brands.
AIR-29845	AXIS: Video export for Axis P1427 works as expected.
AIR-29847	LPR does not report strings less than the minimum plate length.
AIR-29848	Client logs start and stop events as expected.

## Release 7.0.0.3 (September 2016)

### New features

Issue ID	Description
AIR-4774	Web Client Multiview.
AIR-22090	Disable warnings for offline servers and storage.
AIR-22997	Warnings added for cameras.
AIR-25153	Setup wizard The setup wizard for Symphony is now a web-based application.
AIR-25294	Add-Ons: Analytics are now simpler to use and easier to configure. <ul style="list-style-type: none"> <li>• Automatic License Plate Recognition Analytic Add-on (formerly VE410)</li> <li>• Camera Tampering Analytic Add-on (formerly VE141)</li> <li>• Image Stabilization Analytic Add-on</li> <li>• Indoor People Tracking Analytic Add-on (formerly VE180)</li> <li>• Left and Removed Item Detection Analytic Add-on (formerly VE352)</li> <li>• Motion Detection Analytic Add-on (formerly VE250)</li> <li>• Outdoor People and Vehicle Detection Analytic Add-on (formerly VE180)</li> <li>• PTZ Auto-tracking Analytic Add-on (formerly PT091/90)</li> <li>• Video Signal Loss Analytic Add-on (formerly VE140)</li> </ul> VE150 has been replaced by Indoor People Tracking Analytic Add-on (formerly VE180) and Outdoor People and Vehicle Detection Analytic Add-on (formerly VE180)
AIR-25345	
AIR-25295	
AIR-25362	
AIR-25298	
AIR-25303	
AIR-25297	
AIR-25370	
AIR-25727	
AIR-25651	Server farm GPS location GPS location for server farm stored. Location entered in General>Settings.
AIR-26651	GIS Mapping Capabilities You can now integrate maps from GIS providers with Symphony.
AIR-27080	
AIR-27021	Commbox I/O devices Symphony supports Commbox I/O devices.

Issue ID	Description
AIR-27723	<p>Message about missing video analytic</p> <p>The License page in the server configuration interface informs you when you need to install a analytic package if the video analytic is included in the license.</p>
AIR-27668	<p>Utility to restructure Symphony storage footage</p> <p><a href="#">How to Restructure the Symphony Storage Footage Directory after Upgrading to v7 from v6</a></p>
AIR-29172	<p>Instant replay</p> <p>The Symphony client interface includes an instant replay feature that pauses live video and starts playing video from 5 or 10 seconds ago.</p>

## Improvements

Issue ID	Description
AIR-3561	Camera import wizard (Begin Automatic Discovery button)
AIR-16089	Import many cameras at once using a default username, password, and template of resolutions in the new web-based server interface.
AIR-23536	
AIR-13219	Users are no longer automatically added to Symphony Users group in Active Directory mode
AIR-16083	<p>Server configuration now web-based</p> <p>Devices (Camera, Templates, Hardware, Access Devices) Security (Users, Groups, Security Profiles, Logins), Rules (Events, Action Sets, Schedules), Site (Servers, Licenses, Backup &amp; Restore, Management, Notifications), and General settings (Settings, Maintenance, Carousels, Device Tree groups) all configured in web-based Server interface.</p>

Issue ID	Description
AIR-16087 AIR-25130 AIR-25192	<p>New Licensing</p> <p>Analytics (Add-ons) now have <i>individual licenses</i> per camera and can be added to any VMS license type.</p> <p>VMS licenses types are: Standard, Professional, and Enterprise.</p> <p>All VMS licenses within a farm must be of the same type:</p> <ul style="list-style-type: none"> <li>• Standard – Single Server, web admin console, two-way audio</li> <li>• Professional – Standard plus multi-server farm, access control integration, SDK, active directory, SIP support, video push</li> <li>• <b>Enterprise</b> – Professional plus redundant and failover server recording, load balancing, GIS maps, video wall</li> </ul> <p>All VMS license types can include Health Monitoring if Maintenance &amp; Support purchased.</p> <p>All VMS license types support analytics via Add-ons.</p>
AIR-16095	<p>Enable/disable multiple rules</p> <p>Select multiple rules in a list and enable/disable them.</p>
AIR-16175 AIR-28416	<p>Symphony supports SQL Server 2012 and 2014.</p>
AIR-17888	<p>PSA upgrades detected</p> <p>Users warned and prevented from updating E3200 PSA with regular Symphony upgrade. Directed instead to <a href="http://www.aimetis.com/Xnet/Downloads/PSAUpdate.aspx">http://www.aimetis.com/Xnet/Downloads/PSAUpdate.aspx</a>.</p>
AIR-19332	<p>Installer screen indicates version number</p> <p>Server, Client, Player have Symphony version number displayed in first screen of installer.</p>
AIR-21263	<p>Video storage organization</p> <p>Video stored in folders organized by camera name. [data]_footagearchive \camX* (X=camera#);</p>
AIR-21266	<p>Improved rendering of video decorations</p> <p>Easily readable text over video</p>
AIR-21316	<p>Added separate installers/updaters for analytics (add-ons).</p>

Issue ID	Description
AIR-24212	Improved de-warping speed for fisheye camera images
AIR-24389	Player: improved (smooth) video display at high speed
AIR-24964	Access to Rules now in Permissions list for users
AIR-25130	<p>One license per device</p> <p>An encoder with numerous analog ports, or a camera with multiple lenses will require only one license.</p>
AIR-25178	The navigation bar in the client interface appears over the video when you mouse over the video pane.
AIR-25193	<p>Add-ons (analytics) enabled/disabled</p> <p>Easily enable/disable add-ons with ON/OFF control buttons in Server interface.</p>
AIR-25278	<p>Privacy mask settings</p> <p>On Cameras edit page in web-based server interface.</p>
AIR-25516 AIR-25704	<p>Aimetis Enterprise Management (AEM) centrally manages polling rate</p> <p>Management tab in Symphony Setup Wizard removed. AEM connection and polling option centrally managed.</p>
AIR-25842	<p>VE150 Analytic in Symphony 7 – Recommending that customers change to Outdoor People &amp; Vehicle Tracking</p> <ul style="list-style-type: none"> <li>• Aimetis will continue to support VE150 but in a limited fashion</li> <li>• Cameras running VE150 will continue to work after upgrade to v7</li> <li>• You will only be able to turn off the analytic</li> <li>• You will not be able to configure the analytic</li> <li>• Rules using VE150 will function, but if you change the rule configuration you must select a different motion analytic</li> <li>• Once turned off, VE150 is removed from the add-ons list and cannot be re-added or turned on</li> </ul> <p>We recommend that you plan an Outdoor People &amp; Vehicle Tracking analytic roll-out, removing any blockers for upgrade</p>

Issue ID	Description
AIR-25880 AIR-21243	Firewall improvement via ports/port changes One port for live and historical communications.
AIR-25952	New Customize tab in Client Settings dialog contains Maps and Camera Tree settings  Customize how alarm icons appear on maps and the type of information (show device icons, etc.) displayed in the Camera Tree list. (Camera Tree display options are a per user client setting. Other camera settings are selected in the web-based server.).
AIR-25977	Language selection  User can select language of interface in the web-based Server login page.
AIR-26074	Customize the Camera Tree  Camera tree options (e.g., show device icons or show digital I/O) are now in View>Settings, Customize tab.
AIR-26075	Video Export settings saved  Export options selected in the Export Video dialog are now saved between client sessions.
AIR-26235	Server registration menu  New Settings icon in client allows you to access the web-based server interface.
AIR-26249	Camera Template feature replaces Batch Edit Camera Settings option in Device tree  Right-click context menu option for Batch Edit Camera Settings in Device tree removed. All configuration now on web-based server with new option of using templates.
AIR-26356	Backup and Restore list  List of backups are sorted by newest to oldest with a numerical date format.
AIR-26790 AIR-27849	Customize timeline colors  Choose timeline item colors in the Client Settings dialog. Default timeline color for activity is now purple (Hex color: #855FB2).
AIR-26933	The log packages includes the report table.

Issue ID	Description
AIR-27094	Alarm comment displayed in alarm logs New column in Alarm Log displays comment that was added for the alarm by security personnel.
AIR-27116	License Allocation shows licensed hardware devices Site > Licenses, License Allocation section in web server page organizes information by camera and hardware devices.
AIR-27231	Setup Wizard will start automatically on restart
AIR-27254	Deactivated PTZ tour message Displays only "Camera tour inactive."
AIR-27465	Passwords and user names over 21 characters accepted in all systems (log in, PTZ control, cameras, etc.) Subject to/limited by the number of characters a device supports.
AIR-27226	Cache deleted automatically on startup and File menu removed Send Print To option now context sensitive right-click option on panel.
AIR-27829	The server configuration interface displays available add-on licenses.
AIR-27843	Added the AEMComtester utility (a utility to test communications with AEM) to the _tools directory.
AIR-27996	Added XTS joystick commands to the LCD screen.
AIR-28283	SDK user guide updated
AIR-28488	The interface for Aimetis License Plate Recognition was improved.
AIR-28489	A background thread for executing SQL statements was added.
AIR-28546	Video rendering is smooth at HD resolution and high FPS
AIR-28878	The Servers page in the server configuration interface includes links to Cameras pages.
AIR-29011	The Settings window in the client interface is wide enough to display all of the tabs by default.
AIR-29280	You can delete individual input channels for encoders.
AIR-29306	Symphony checks the expiry date for video analytic license to validate new video analytic installations.
AIR-29490	A Save button was added to the device configuration page.

## Fixes

Issue ID	Description
AIR-7477	Encoder ports shown when adding camera and displayed as cameras in camera list.

Issue ID	Description
AIR-15593	Camera Tree is not populated after deleting the server from the Server List.
AIR-17659	New functionality nullifies original issue of Analytics tab displaying full list of algorithms after re-adding cameras with Professional license.
AIR-18150	New installer nullifies original issue of Services window needing to be closed during an install or upgrade of Symphony server.
AIR-18687	Upgrade correctly retains Services configurations at their default states.
AIR-19536	Symphony 7.0 does not support Windows XP or Windows 2003 r2 and therefore nullifies original issue of MSI installer exiting with error code.
AIR-20527	Adding Siemens SPC access device to Symphony simplified.
AIR-20593	Memory usage of Symphony Player stable when playing video from Axis fisheye cameras.
AIR-20678	Spanish text displayed correctly in full in Client Settings tabs.
AIR-20763	Restore Configuration interface now correctly showing server version number.
AIR-20914	Dialogs for saving Layouts versus Camera Views clearly distinguish action.
AIR-22240	Support for umlaut character in computer hostname. Install/Setup Wizard completes as expected.
AIR-22475	New web server nullifies original issue of camera renaming after Cancel action.
AIR-23458	SDK uninstall successful.
AIR-24518	Analytics continue running as expected after policy changes.
AIR-25057	Docked multiview panels are sizing correctly.
AIR-25314	Symphony uninstaller successfully removes OPC service.
AIR-25867	Symphony can inherit Video Playback Setting value from AEM.
AIR-25731	Can enable online backup through web browser successfully.
AIR-25757	VE180 works as expected.
AIR-25794	German text displayed in full correctly in all interfaces.
AIR-26029	Large time changes on servers do not cause failovers
AIR-26534	Date video decoration successfully disabled when all video decorations disabled.
AIR-26565	Correct version number in database after update.
AIR-26587	Denied "View Alarm" permissions correctly denying access through timeline and alarm log.
AIR-26596	SNMP works if services are not logged in as local system.
AIR-26710	Fisheye camera zoom position restored correctly.
AIR-27519	Zoom does not change when you move footage to the next frame.
AIR-27997	Toggle, enable, and disable actions do not hit character limit.
AIR-27999	Symphony works successfully when Windows using Islamic calendar.

Issue ID	Description
AIR-28328 AIR-28773	Symphony can produce correct heat maps.
AIR-28485	VE500 (AOOT) is working over HTTPS.
AIR-28486	Mail notification does not delay the PTZ move.
AIR-28490	License Plate Recognition reads when settings are reloaded.
AIR-28775 AIR-29256	VE410 issue with "," versus "." in configuration plate scale was resolved.
AIR-28786	Effective permissions for users are displaying correctly.
AIR-29035	Search is using the correct stream for video creation.
AIR-29119	Maintenance UpgradeInProgress date uses ISO 8601 date format.
AIR-29257	AD supports connection strings with 200 characters.
AIR-29258	Mobile Bridge logs do not show System.ApplicationException: NetSendHistMFC error: Decompression error repeatedly.
AIR-29386	Multiview is now showing video in all panels when the Client starts.
AIR-29402	Surrogate works correctly in direct mode.
AIR-29403	Client does not move to 01.01.1970.

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