

# Aimetis Symphony

## 6.9 Release Notes

1/31/2012

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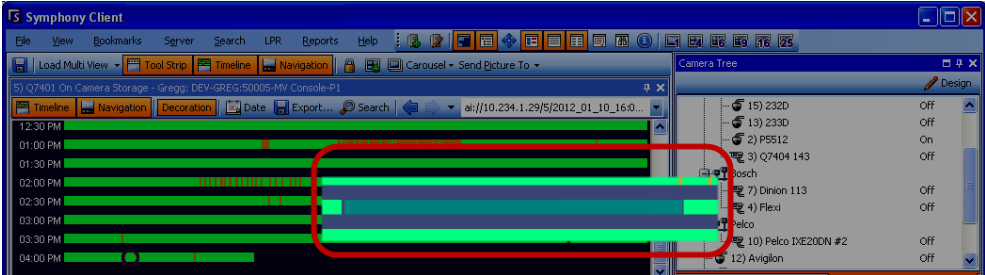
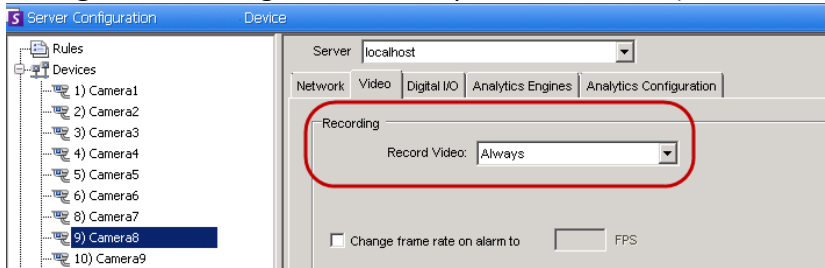
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## Release 6.9

- [New Features](#)
- [Improvements](#)
- [Fixed](#)
- [Known Issues](#)

## New Features

New Features	
<b>AIR-5983</b>	<p>On-camera storage for AXIS cameras provides video recording redundancy. Symphony automatically detects if an AXIS camera supports this and has been configured for on-camera storage.</p> <p>In the Timeline, a contrasting green bar (magnified in the following figure) indicates that video was not recorded locally in the Windows machine, but Symphony is already downloading the video from the AXIS camera.</p>  <p><b>Note:</b> Symphony does not analyze video downloaded from the camera. As such, it does not determine activity type, for example, broken rule or video signal lost. To see visual confirmation in Symphony that video has been downloaded from the on-camera storage:</p> <ul style="list-style-type: none"><li>• Set up the Axis camera in Symphony to <b>Record Video Always</b>. (Server Configuration dialog box, Devices panel, Video tab.)</li></ul> 
<b>AIR-14384</b>	<p>Live Ban Video: Allows you to ban video from cameras and camera groups. Only users and groups with specified permissions can use this feature. For details, see <a href="#">Live Ban Video</a>.</p>

New Features	
<b>AIR-14414</b>	<p>StarDot cameras now supported (StarDot H264 5MP vandal dome SDH500VN and SDH500BN)</p>  <ul style="list-style-type: none"> <li>• Video motion detection is available in the video stream(s)</li> <li>• Audio not supported.</li> <li>• Multiple-streams supported with the limitation that the video parameters (resolution, etc.) are global (shared among all streams).</li> <li>• H.264 is supported, but not on all devices</li> </ul>
<b>AIR-15001</b>	<p><b>Aimetis License Plate Recognition</b> software now detects plates from Indonesia and Vietnam</p> 

## Ban Live Video - Deployment

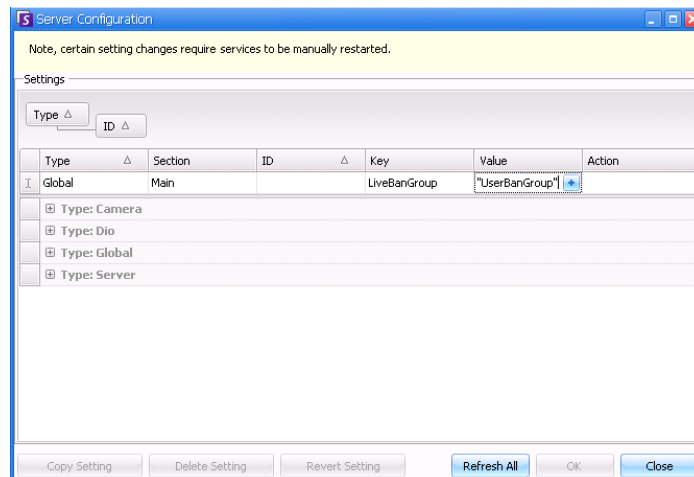
The following information is for an Administrative user.

### Server Side

Perform the following steps for server machines:

1. If using multiple layouts, clear **db table 'cache': dbupdater "delete from cache"**
2. Create a group named "UserBanGroup". To this new group, add the following users:
  - a. All non-admin users that should be banned from selected devices during a video ban.
  - b. Users who log into video wall clients. This is so that video wall clients are properly banned.
3. Add this group to database settings table (**Manual Configuration Editor**).

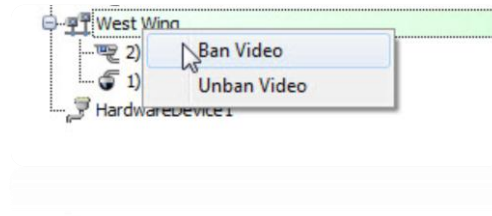
**Type=Global Section=Main Key=LiveBanGroup Value="UserBanGroup"**



## Using the Ban Video Feature in Symphony Client

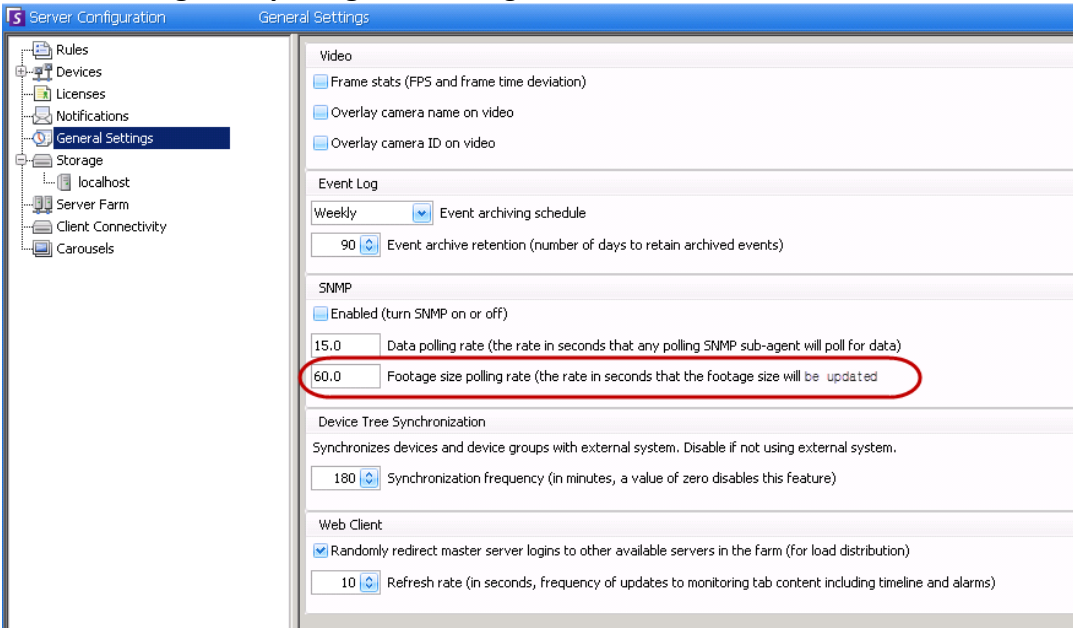
In the **Camera Tree**, the new (right-click) context-menu item **Ban Video** allows you to ban video from cameras and camera groups. Only users and groups with specified permissions can use this feature.

- When **Ban Video** is selected for camera(s) and/or group(s), the permissions for **View Live Video** and **View Historical Video** access will be changed to **Deny**.
- When **Unban Video** is selected for camera(s) and/or group(s), the permissions for **View Live Video** and **View Historical Video** access will be changed to **Unspecified**.



# Improvements

Improvements	
<b>AIR-12000</b>	Lost Connection blue screen image no longer included in email every time camera loses connection (based on a Rule)
<b>AIR-14144</b>	Numerous improvements to Web Client functionality in cases of system running a large number of devices. For example, if the <b>Camera Tree</b> contains more than 100 devices, the Web Client shows video from cameras as separate pages, navigated by forward and back buttons.
<b>AIR-14150</b>	<p>Numerous improvements to SNMP, including new <b>Footage size polling rate</b> timer setting (in seconds) that specifies how often footage information is updated. The setting defaults to 60 seconds, but can be changed:</p> <ol style="list-style-type: none"><li>1. From the <b>Server</b> menu, select <b>Configuration</b>.</li><li>2. In the <b>Server Configuration</b> dialog box, select <b>General Settings</b>. The <b>Footage size polling rate</b> setting is in the <b>SNMP</b> section.</li></ol>



The screenshot shows the 'Server Configuration' dialog box with the 'General Settings' tab selected. On the left is a tree view with 'General Settings' highlighted. The main area shows the 'SNMP' section with the following settings:

- Enabled (turn SNMP on or off)
- 15.0 Data polling rate (the rate in seconds that any polling SNMP sub-agent will poll for data)
- 60.0 Footage size polling rate (the rate in seconds that the footage size will be updated)** (highlighted with a red circle)

Other sections visible include 'Video' (Frame stats, Overlay camera name, Overlay camera ID), 'Event Log' (Weekly schedule, 90 days retention), 'Device Tree Synchronization' (180 minutes frequency), and 'Web Client' (Randomly redirect master server logins, 10 seconds refresh rate).

## Improvements

**AIR-14520**

**Reports:** You can now schedule reports according to time range of data, recurrence, and schedule range.

The screenshot shows the 'Report Designer' window with the 'Schedule' tab selected. The interface includes a sidebar with options: General, Cameras, Start & End, Line, Distribution, Schedule (selected), Table View, and Graph View. The main area contains the following settings:

- Schedule Enabled
- Data Inclusion:** Start: 12:00 AM, End: 11:59 PM
- Recurrence:**  Hourly,  Daily,  Weekly,  Monthly,  Yearly. Every 1 hour(s)
- Schedule Range:** Start: 16/01/2012 1:00 AM.  No end date,  End after 10 occurrences,  End by [dropdown]

Buttons for 'Save', 'Run', 'Cancel', 'Previous Page', and 'Next Page' are visible.

The **My Reports** tab contains 2 new columns: **Scheduled** and **Last Scheduled Run**, indicating the last date and time a scheduled report was run.

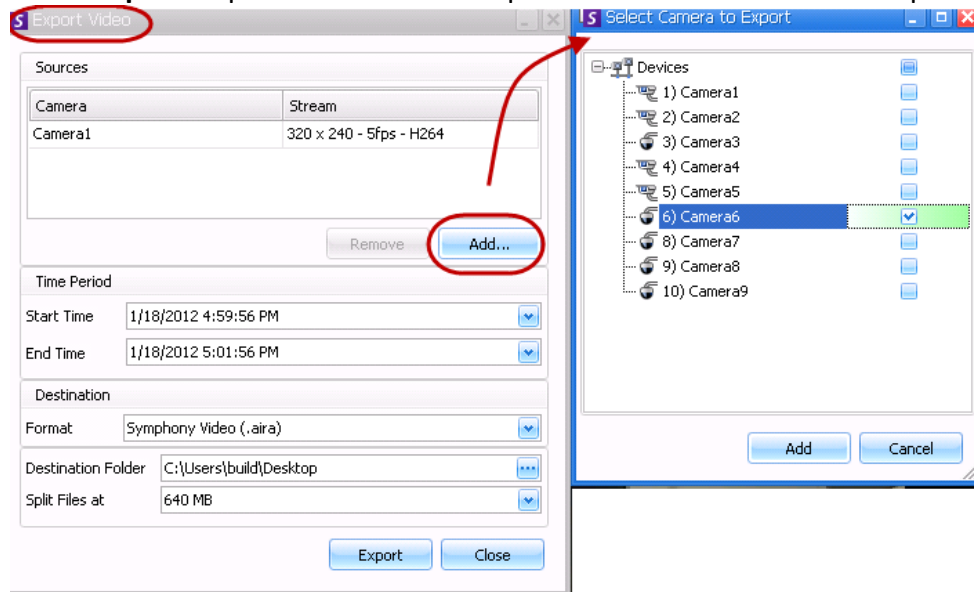
The screenshot shows the 'Reports' window with the 'My Reports' tab selected. A table is displayed with the following columns: Name, Type, Last Run, Created, Shared, Scheduled, and Last Schedule Run. The table is currently empty, showing 'No reports found'. Buttons for 'Delete', 'Run', 'Copy', and 'Edit' are visible at the bottom.

Name	Type	Last Run	Created	Shared	Scheduled	Last Schedule Run
No reports found						

## Improvements

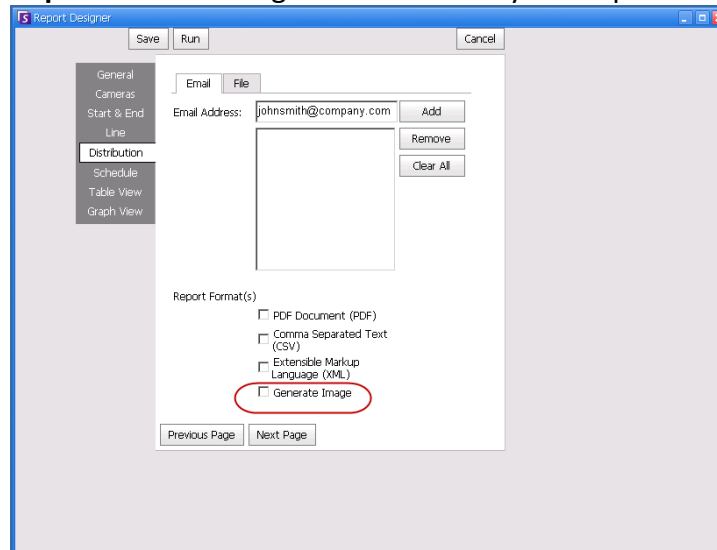
**AIR-14531**

**Video Export:** Export video from multiple cameras for the same time period



**AIR-14727**

**Reports:** Attach image files to manually-run reports.



Note: Not possible for scheduled reports.

**AIR-14798**

VE180 Indoor/Outdoor People Tracking analytic – Environment tab and Advanced tab default value adjustments increasing accuracy.

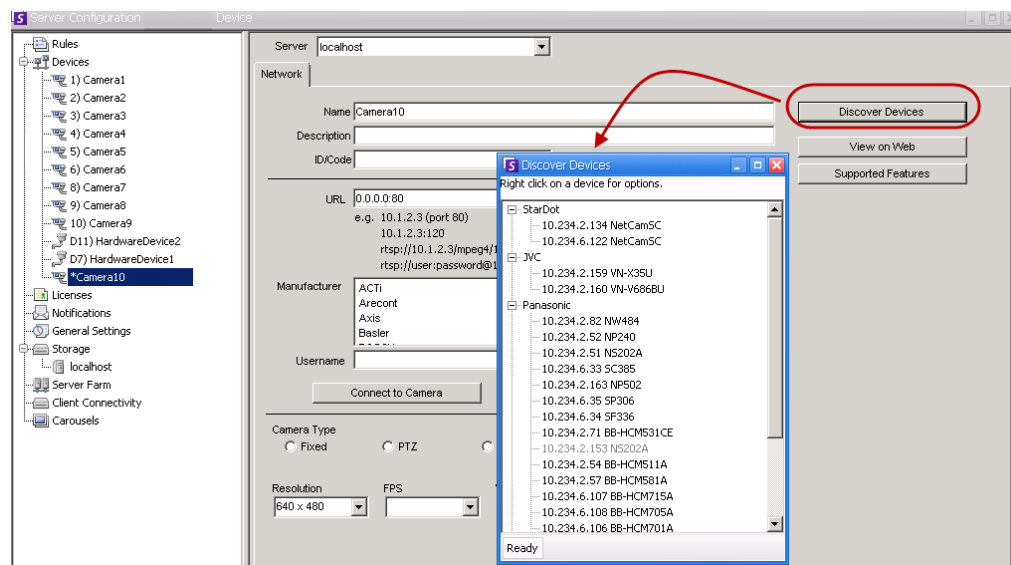
New Environment Type **Indoor: Retail** and new option in Advanced tab for **Max Hidden Object Duration**. See Aimetis Symphony Analytics Guide for details.

## Improvements

### AIR-14851

You can now bypass auto-discovery by specifying a comma separated list of camera manufacturers in the **Manual Configuration Editor** in Symphony Client.

1. In Symphony client, from the **Server** menu, select **Manual Configuration Editor**. The **Server Configuration** dialog box appears.
2. At the top, click the **Add a new setting...** area. The Type, ID, Section, Key, and Value fields appear.
3. As an example, enter the following:  
Type: Global  
ID: <empty>  
Section: Main  
Key: SkipDiscovery  
Value: ONVIF,Panasonic,Axis
4. Click **Apply**.
5. Click **Close**.
6. To verify whether the devices will be bypassed by auto-discovery, click **Discover Devices** in the **Server Configuration** dialog box. The devices should NOT appear in the list.



## Improvements

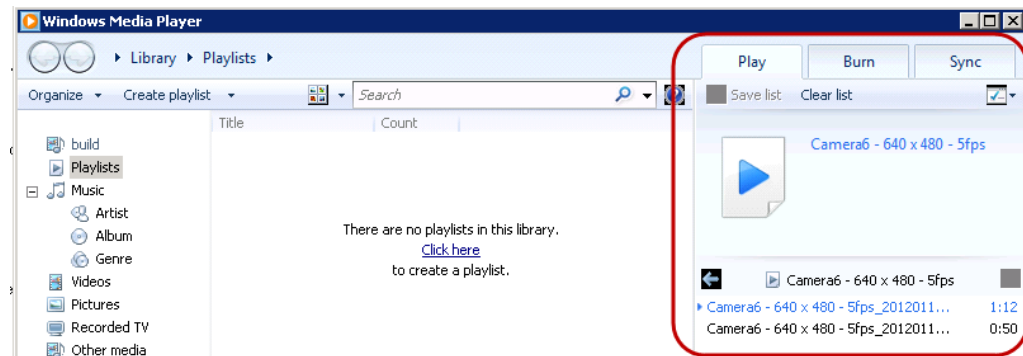
**AIR-15012**

**Video Export:** Playlist available when more than one file generated during video export AVI files.

- Open the M3U file in Windows Media Player. The files play in order, one after another.

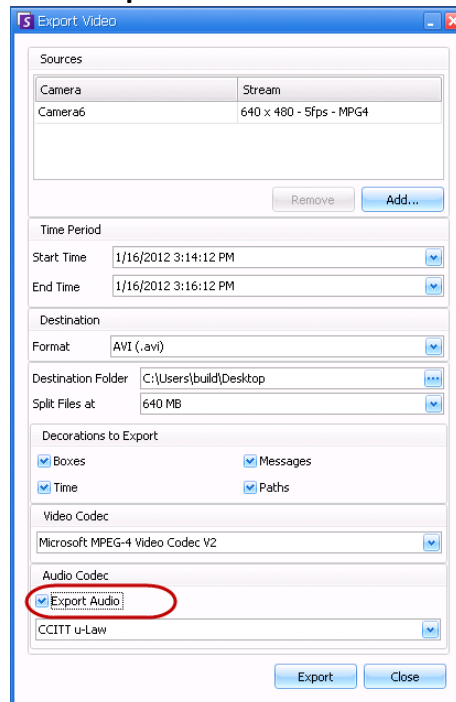
Name	Size	Item type
Camera6 - 640 x 480 - 5fps	1 KB	M3U file
Camera6 - 640 x 480 - 5fps_20120116_150824	1 KB	Text Document
Camera6 - 640 x 480 - 5fps_20120116_150936	3,917 KB	Video Clip
Camera6 - 640 x 480 - 5fps_20120116_150936	1 KB	Text Document
Camera6 - 640 x 480 - 5fps_20120116_150824	5,619 KB	Video Clip

- In Library mode in Windows Media Player, you can click Play to view the list of AVI files.



**AIR-15045**

**Video Export:** You can select whether to export audio data to AVIs

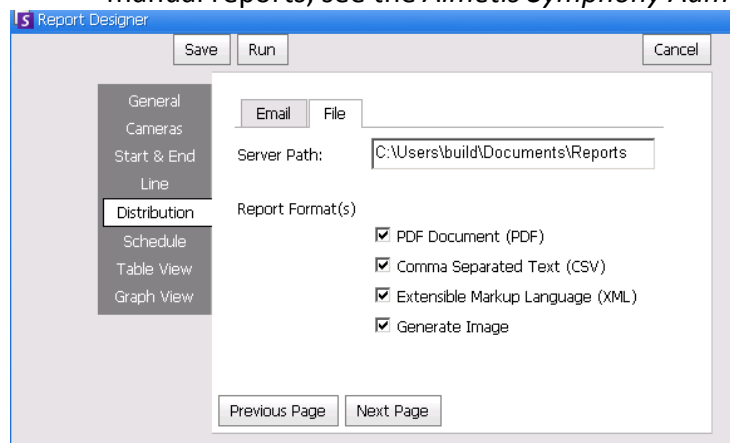


## Improvements

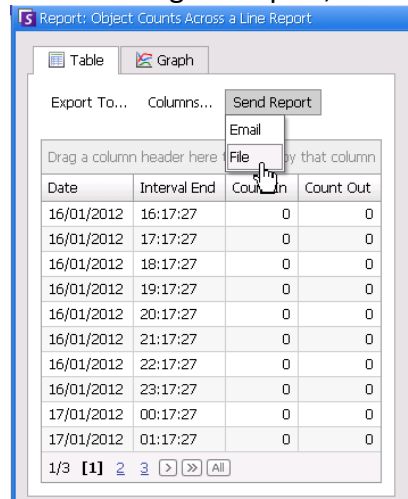
**AIR-14515**

**Reports:** Users can specify that a generated report is stored in the file system

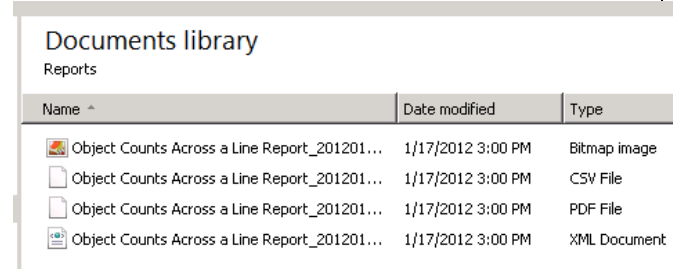
- Click the **File** subtab on the **Distribution** tab of the **Report Designer** to select all **Report Formats** (PDF, CSV, XML, bitmap).
- Depending on write-permissions, the generated report will be stored in the **\Data\Reports** folder on the master server machine. (This default folder is designated during the initial Symphony installation and setup or can be changed in the **Server Path** field.
- Recommendation to Administrator: Set up a writable, shared folder on a machine and designate it as the reports repository using the **Server Path** field. For specific details on file distribution permissions for scheduled and manual reports, see the *Aimetis Symphony Administration Guide*.



After running the report, select **Send Report to File**



**Note:** The **\Reports** folder is created only after you click **Send Report > File**.

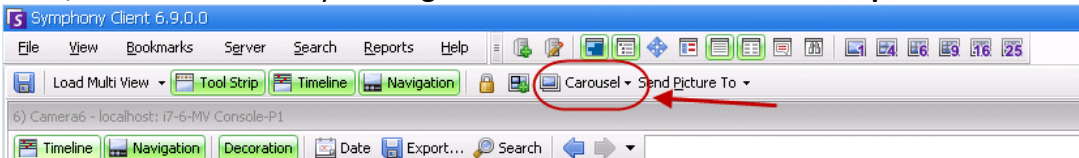
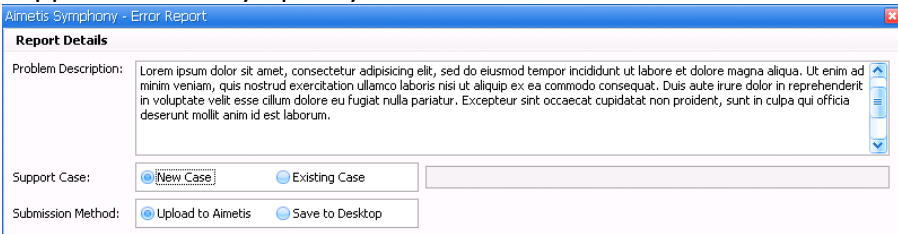



**Note: Images and scheduled versus and manual reports**

If the **Generate Image** check box (**File** subtab in **Reports Designer**) is selected:

- In scheduled reports, Symphony will NOT email/save images.
- In manually run reports, Symphony will email/save images.

## Fixed

Fixed	
<b>AIR-13396</b>	Minimum screen resolution no longer a requirement, but recommended screen resolution still 1024 x 768
<b>AIR-13670</b>	JVC VN-V686WPBU PTZ camera preset tour functionality and zooming now accurate
<b>AIR-13702</b>	H264 now supported for Panasonic HCM cameras (BB-HCM701, 705, and 715)
<b>AIR-13960</b>	No longer receiving Livestreamtest error “Failed to refresh device manger: System IO FileNotFoundException” with SDK 6.7.0.1 and 6.7.2 versions. Note: Not supported in 6.9 when Direct Connect enabled.
<b>AIR-14256</b>	Exceptions in scheduled recording now working correctly
<b>AIR-14300</b>	Analysis Resolution “320x240” option in VE130 analytic engine dialog box now displayed correctly
<b>AIR-14363</b>	Link to search result in email ( <b>Export Video&gt;Email-Link</b> in <b>View Search Results</b> dialog box) now launches Symphony Player or Internet Explorer on click.
<b>AIR-14373</b>	Grid spacing (rows versus columns) in VE130 analytic engine now displaying correctly
<b>AIR-14407</b>	<p>The <b>View&gt;Save Layout</b> action of a saving a carousel layout is possible ONLY if the carousel has been launched from Multi View tool bar. To remove confusion, the <b>Carousel</b> menu option has been removed from <b>View&gt;Carousels</b> (which actually launched a floating layout that could not be saved).</p> <p>View/launch carousels by clicking the <b>Carousel</b> icon in the <b>Tool Strip</b>.</p> 
<b>AIR-14416</b>	Chinese characters no longer displayed as “?” after restoring settings
<b>AIR-14589</b>	Can start synchronous history in reverse direction (play video backwards in time)
<b>AIR-14861</b>	Can enter multiple lines of text in <b>Problem Description</b> field when submitting Support Cases in Symphony Client
	
<b>AIR-14971</b>	RBH device IDs no longer conflict with Symphony Camera IDs
<b>AIR-14994</b>	XTS cameras now auto-detected correctly

Fixed	
<b>AIR-14995</b>	Uncalibrated PTZ cameras in Symphony moving as expected using Rabbit and Turtle icon slider 
<b>AIR-14996</b>	Change frame rate on alarm to ___ FPS option ( <b>Video</b> tab of <b>Server Configuration</b> dialog box) now working with AXIS cameras
<b>AIR-15029</b>	Digital I/O status in <b>Camera Tree</b> now updated correctly when an Input closed. Also, after switching ports, I/O ports status updated correctly in <b>Digital I/O</b> tab.
<b>AIR-15067</b>	Videos populating multi-view layouts on startup with OPX correctly
<b>AIR-15076</b>	ACTi cameras without zoom lens correctly detected as fixed cameras

## Known Issues

Analytics		
AIR-14784	Release 6.8.1	<p><b>VE180 - Analytics Configuration not working</b>  <b>Resolved - As Designed</b></p> <p>Issue in Symphony Client:</p> <ol style="list-style-type: none"> <li>1. From <b>Server</b> menu, select <b>Configuration</b> and then <b>Devices</b>.</li> <li>2. Select a device.</li> <li>3. Click the <b>Analytics Configuration</b> tab. Application error displayed:  Method not found: 'Void  PluginInterface.ConfigurationData.SetDefaultValues(Boolean, Boolean)'.</li> </ol> <p><b>Workaround:</b></p> <ol style="list-style-type: none"> <li>1. Close Symphony Client.</li> <li>2. Delete the client cache: %appdata%\aimetis\sc_cache</li> <li>3. Restart Symphony Client.</li> </ol>

Camera		
AIR-12315	Release 6.5	<p><b>Support latest Mobotix Firmware for VMD of camera</b></p> <p>VMD from Mobotix cameras is working only on devices running Fw. 3.4.09 (from 2008). With the Fw. 3.5 and 4.x (running on all new models like M24, D24, Q24) it is not possible to use this functionality.</p>
AIR-12896	Release 6.6	<p><b>When adding Axis 241Q, only the first channel has default codec set Camera</b></p> <p>When adding Axis 241Q and other multi- channel video servers, such as Hikvision 6104), and clicking the <b>Connect to Camera</b> button, only the first channel has the default codec settings. All others channels have a blank codec.</p>

Data		
AIR-15080	Release 6.9	<p><b>On-camera storage retrieval does not work if Symphony footage files empty</b></p> <p>Retrieving JPEGs or video from on-camera storage does not work if Symphony footage file is empty (camera set up to <b>Never Record</b>) or no footage file exists (all footage files deleted).</p>

Installation		
AIR-15070	Release 6.9	<p><b>Symphony fails to install on Windows Server 2008 R2 32 bit with DEP enabled</b></p> <p><b>Workaround:</b></p> <ul style="list-style-type: none"> <li>• Disable DEP</li> </ul> <p><b>Note:</b> Data Execution Prevention (DEP) is a <i>security feature included in modern operating systems, intended to prevent an application or service from executing code from a non-executable memory region.</i></p> <p>Source: <a href="http://en.wikipedia.org/wiki/Data_Execution_Prevention">http://en.wikipedia.org/wiki/Data_Execution_Prevention</a></p>

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