Release Notes
UNITED VMS 7.0
V7.0.0.5780
Latitude / Horizon / Meridian
Table of Contents

dna
1. Introduction ............................................................................................................. 7
2. Product Features ................................................................................................... 7
   2.1 Control of Adaptive Streaming ................................................................. 7
   2.2 Active Directory Performance Improvements ......................................... 7
3. Robustness .......................................................................................................... 8
   3.1 Improved support of Video Streams on Client machines ...................... 8
   3.2 Improved Event Passing in EDB ............................................................... 8
   3.3 Memory Leaks – ART and Transcoder .................................................... 8
   3.4 Continuous Uptime leading to Overflow Exception ............................. 8
   3.5 Issues with Unclosed CCTV Keyboard .................................................... 8
   3.6 Improved ONVIF implementation .......................................................... 8
4. Edge Device Enhancements ............................................................................. 9
   4.1 New FLIR PT-Series HD Multi-Sensor Camera .................................. 9
   4.2 New FLIR Ariel Corner Camera ............................................................. 10
   4.3 New FLIR Quasar Fixed Box Camera ..................................................... 11
   4.4 Support PTZ Tracking ............................................................................. 11
   4.5 Support Analytics Events via ONVIF ....................................................... 11
   4.6 DNA Support ............................................................................................ 11
5. Fixed Issues ........................................................................................................ 12
6. Limitations .......................................................................................................... 13
7. Upgrade Instructions ......................................................................................... 13
   7.1 Upgrade Steps ............................................................................................ 13
   7.2 Upgrade Limitations .................................................................................. 14
8. Additional Resources ......................................................................................... 14
9. Windows Updates ............................................................................................... 14
10. Disclaimer ........................................................................................................ 14

Appendices ........................................................................................................... 15
   A.1. Version 7.0.0.5773 ................................................................................. 15
   A.1.1 Summary of Features in 5773 ............................................................ 15
   A.1.2 Fixed Issues in 7.0.0.5773 ................................................................ 16
   A.1.3 Limitations in 7.0.0.5773 ................................................................. 17
   A.2. Version 7.0.0.5762 ................................................................................. 17
   A.2.1 Summary of Features in 5762 ............................................................ 17
   A.2.2 Fixed Issues in 7.0.0.5762 ................................................................. 18
   A.3. Version 7.0.0.5745 ................................................................................. 18
   A.3.1 Summary of Features in 5745 ............................................................ 18
   A.3.2 Fixed Issues in 5745 ......................................................................... 20
## Table of Contents

A.4. Version 7.0.0.5710 ................................................................. 20  
A.4.1 Summary of Features in 5710 ........................................... 20  
A.4.2 Fixed Issues in 5710 .......................................................... 21  
A.4.3 Known Issues in 5710 ......................................................... 21
List of Figures
Figure 1: FLIR PT-Series HD ............................................................................................................. 9
Figure 2 - Picture-in-Picture display of dual-sensor camera (Thermal is Primary) ................................. 9
Figure 3: FLIR Ariel 3MP Corner Camera ......................................................................................... 10
Figure 4 - Corner Camera View ......................................................................................................... 10
Figure 5: FLIR Quasar 4K Fixed Box Camera ....................................................................................... 11
1. Introduction

- In releasing this latest United VMS, FLIR continues its commitment to ongoing support and enhancement of software in the field. This release concentrates on adding support for new edge devices, improving robustness by fixing a number of reported problems, while also including several enhancements.

2. Product Features

The following improvements, changes and new features have been introduced.

2.1 Control of Adaptive Streaming

Each Archiver can now have a general setting that switches Adaptive Streaming on or off. Previously it was possible to switch Adaptive Streaming on and off for each camera from Control Center. This now adds the ability to the Administrator on-site to disable Adaptive Streaming on all the cameras of an Archiver together.

The default behavior is to use adaptive streaming.

To implement this functionality please contact FLIR Support.

2.2 Active Directory Performance Improvements

The implementation of Active Directory (AD) in the VMS was affected by the number of users defined in AD and caused slow loading for organizations with a large numbers of users. In this version this process has been improved, resulting in significantly reduced processing time for importing Users and User Groups.
3. Robustness

The following improvements have been made:

3.1 Improved support of Video Streams on Client machines

In earlier versions, users on Client machines would often see messages indicating video failure, even though they may not experience any disturbances in the video stream. This is due to the default short rendering timeout. In this and future versions, the video rendering timeout can be adjusted, which reduces instances of this problem.

The default value is 5 seconds.

To implement this functionality please contact FLIR Support.

3.2 Improved Event Passing in EDB

The system allows filters to be set up between EDBs, in order to reduce the number of events passed across the system. To assist users who wish to get all events passed without filtering, the system now allows event filtering between EDBs to be turned on or off via EDB’s config file.

By default the event filter is on so that only relevant events are passed between EDBs.

To implement this functionality please contact FLIR Support.

3.3 Memory Leaks – ART and Transcoder

Two ART memory leak problems have been identified and resolved:

- Sony Gen1 camera
- Adaptive streaming

A memory leak in the Transcoder that only arose after several weeks in use was traced and corrected.

3.4 Continuous Uptime leading to Overflow Exception

Systems that were continuously in operation for over 50 days were exhibiting an Overflow Exception. This has been corrected.

3.5 Issues with Unclosed CCTV Keyboard

Users with CCTV keyboards instances that were not closed after use were experiencing a gradual drop in Frame Rates. This has been corrected.

3.6 Improved ONVIF implementation

In order for the Pelco D6230 to be discovered, a small change to the system was required.
4. Edge Device Enhancements

In this version, we have added support for new FLIR edge devices

4.1 New FLIR PT-Series HD Multi-Sensor Camera

Support was added for the new FLIR PT-Series HD camera.

The FLIR PT-Series HD is a dual-sensor, pan-tilt camera system that provides superior, long-range perimeter intrusion detection and integrates with FLIR United VMS.

![Figure 1: FLIR PT-Series HD](image)

Integration of this camera in United VMS is designed to take advantage of the camera’s capabilities, while simultaneously providing the operator with an interface that is easy to use.

The camera is shown in the navigation tree as two separate scenes – one for the visible spectrum camera, and one for the thermal spectrum camera. The scene being used for the primary view is highlighted, and the user can toggle views by clicking on the navigation tree entry.

The display in the Viewing Window provides a picture-in-picture view. The user can also toggle between cameras by clicking in the secondary picture.

The size and position of the secondary is variable – the user can click and drag to change these.

![Figure 2 - Picture-in-Picture display of dual-sensor camera (Thermal is Primary)](image)
4.2 New FLIR Ariel Corner Camera

Support was added for the Ariel 3MP Corner Camera, which features a specialized lens providing ceiling-to-floor and wall-to-wall field of view, packaged with a unique corner-shape form factor.

![FLIR Ariel 3MP Corner Camera](image1)

*Figure 3: FLIR Ariel 3MP Corner Camera*

![Corner Camera View](image2)

*Figure 4 - Corner Camera View*
4.3 New FLIR Quasar Fixed Box Camera
Support was added for the new FLIR Quasar 4K fixed box multiple-resolution camera. The Fix Box camera can be switched from 4K daytime mode to 1080p lowlight / nighttime mode for optimum performance in high-traffic areas.

![FLIR Quasar 4K Fixed Box Camera](image)

4.4 Support PTZ Tracking
The PTZ Tracking feature provides support for linking an analytics encoder and a PTZ camera, so that the user can set up customized rules and criteria on the encoder to define a perimeter and what to detect. Once a moving object is detected, the unit controls and moves the PTZ camera to autonomously track and zoom in on the detected object.

This version fully supports PTZ Tracking on FLIR PT-Series, PT Series HD, and A310pt cameras.

PTZ Tracking requires binding the cameras in FLIR Latitude with a TRK encoder.

**TRK Firmware version:** 2.2.0.13 and up.

4.5 Support Analytics Events via ONVIF
In this version we have enhanced our ONVIF support by adding support of analytics events via ONVIF. The new events supported are:

- Tripwire detection
- Intrusion detection

This was added to the already-supported Motion detection and Tamper (scene change and lens cover) events.

**Note:** ONVIF protocol support for these events can vary between camera manufacturers. The fix is relevant only to cameras that expose the following ONVIF event topics:

"tns1:RuleEngine/LineDetector/Crossed" and "tns1:RuleEngine/FieldDetector/ObjectsInside"

4.6 DNA Support
This version will include the new DNA version 2.1.3.15.
## 5. Fixed Issues

<table>
<thead>
<tr>
<th>CR ID</th>
<th>Description</th>
<th>Support Ticket</th>
</tr>
</thead>
<tbody>
<tr>
<td>44526</td>
<td>Improved jittering in FLIR cameras by changing the buffer size in config file. To implement this functionality please contact FLIR Support.</td>
<td></td>
</tr>
<tr>
<td>43647</td>
<td>Fixed issue where ONVIF based FLIR fixed cameras with digital PTZ were discovered as regular PTZ cameras even though they did not have a PTZ engine.</td>
<td></td>
</tr>
<tr>
<td>44094</td>
<td>Fixed issue with the secured TLS connection to the EZ Client in Horizon and Meridian.</td>
<td></td>
</tr>
<tr>
<td>44205</td>
<td>Fixed issue where once an action is saved once it cannot be modified.</td>
<td></td>
</tr>
<tr>
<td>44366</td>
<td>Fixed issue where the video stream is restarting upon a change in external workspace.</td>
<td>74930</td>
</tr>
<tr>
<td>44340</td>
<td>FLIR Thermal Cameras resolution is now maintained in Horizon/Meridian, it is not changed by Horizon/Meridian upon camera discovery.</td>
<td></td>
</tr>
<tr>
<td>35387</td>
<td>Fixed issue where high quality video from Sony Gen 5 and Gen 6 cameras is not stable.</td>
<td>67300</td>
</tr>
<tr>
<td>44387</td>
<td>Fixed issue of frequent video failure messages on client machine</td>
<td>73778</td>
</tr>
<tr>
<td>44425</td>
<td>Fixed memory leak (in ART) with Sony Gen1 camera</td>
<td>71618</td>
</tr>
<tr>
<td>44455</td>
<td>Fixed issue of overflow exception after the OS having uptime of 50 days</td>
<td>74418</td>
</tr>
<tr>
<td>44198</td>
<td>Fixed issues that layouts opened using a CCTV keyboard are not closed and eventually causing frame rate to drop</td>
<td>74684</td>
</tr>
<tr>
<td>44462</td>
<td>Fixed issue where Pelco D6230 was not discovered using ONVIF</td>
<td></td>
</tr>
<tr>
<td>43424</td>
<td>Fixed Transcoder memory leak</td>
<td>75264</td>
</tr>
<tr>
<td>44479</td>
<td>Fixed issue where events were not passed between EDBs.</td>
<td></td>
</tr>
<tr>
<td>44478</td>
<td>Fixed memory leak in ART in adaptive streaming.</td>
<td>72962 75353 75272 75327 73583</td>
</tr>
<tr>
<td>42605</td>
<td>Fixed issue where a standard user cannot login to CC and AC when DVTEL services are running on the same machine</td>
<td>68750</td>
</tr>
<tr>
<td>44502</td>
<td>Fixed issue where the login screen to the CC is distorted and the FLIR logo is partially covered.</td>
<td></td>
</tr>
<tr>
<td>43889</td>
<td>Transcoder log is being flooded with too many lines of the same warning</td>
<td>75937</td>
</tr>
<tr>
<td>44569</td>
<td>UI fix in Admin Center and Control Center – text that was cropped was fixed, wrong titles and error messages fixed, problems with tool tips fixed.</td>
<td></td>
</tr>
<tr>
<td>44567</td>
<td></td>
<td></td>
</tr>
<tr>
<td>44563</td>
<td></td>
<td></td>
</tr>
<tr>
<td>44559</td>
<td></td>
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## Limitations

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</tr>
</thead>
<tbody>
<tr>
<td>44556</td>
<td></td>
<td></td>
</tr>
<tr>
<td>44564</td>
<td></td>
<td></td>
</tr>
<tr>
<td>44562</td>
<td>UI fix in AC/CC - Ctrl+A shortcut for selecting all text didn’t work</td>
<td></td>
</tr>
</tbody>
</table>

### 6. Limitations

<table>
<thead>
<tr>
<th>Description</th>
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<td></td>
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</table>

### 7. Upgrade Instructions

The following upgrade path is supported:
- Latitude 7.0 (7.0.0.5700)
- Horizon 7.0 (7.0.0.5700)
- Meridian 7.0 (7.0.0.5700)

Note: All Latitude/Horizon/Meridian Updates on top of 7.0 will support this upgrade.

#### 7.1 Upgrade Steps

To obtain the update executable follow one of the steps below:

2. If the desired update version number is not available on the website, please contact support at +1 888 388 3577

This VMS update must be deployed on all machines – servers, clients and SDK applications.

Note that SDK applications must be closed manually.

After installation is finished, windows services will be launched automatically.

Note that AdminCenter and ControlCenter won’t start automatically.

1. Close the client applications before running the installation package.
2. Start the installation program and proceed as guided by the installation wizard.

**Note:** This stops your VMS Windows services, which resume upon completion of the wizard.

3. Upgrade the server side of the system, starting with the Directory server if not an all-in-one system.
4. Once the server upgrade concludes, open ControlCenter over a remote client workstation.
5. Connect to the server. You will be prompted to upgrade to the new version. After accepting, the new version will be downloaded over the network and installed automatically without requiring any further input.
7.2 Upgrade Limitations
1. Using windows “Remote Desktop Protocol” (RDP) to load the update with “Automatic Client Update” feature is not supported.
2. If Mentor is installed on the client machine, Automatic Client updates will not work.
3. When running Automatic Client updates while not signed into Windows as an administrator, Update screen and Progress Bar will be hidden from the user.

8. Additional Resources
For more information about the VMS system, visit http://www.flir.com/security/display/?id=73645

9. Windows Updates
   Note: The VMS Windows services must be stopped prior to applying Windows updates
   Latitude is certified with all the Microsoft Updates available up until June 1, 2015.
   Check for the latest Microsoft updates.

10. Disclaimer
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Appendices

A.1.Version 7.0.0.5773
Please refer to V7.0.0.5773 for full details.

A.1.1 Summary of Features in 5773

System

Thermal Tab in Admin Center Camera Settings – In the Admin Center Camera page, when a Thermal Camera is selected, the Picture Settings page is replaced with a Thermal Settings page, giving the user access to the parameter fields that are used in defining Thermal Cameras.

Dual-Sensor cameras – When dual-sensor cameras (FLIR PT-Series) cameras are discovered, two entries are created in the Navigation tree – one for the visible-spectrum camera and one for the Thermal-spectrum unit. The Control Center display is also enhanced for these cameras, with the introduction of a Picture-in-Picture capability, so that the user can easily switch viewing between the two modes.

Additional Events – The system allows the user to configure various additional events for advanced thermal and analytic camera capabilities:

Radiometric Events – Radiometric Event Triggered and Event Cleared.

Thermal Analytics – Intrusion Started, Intrusion ended and Tripwire.


OSDs for .mp4 Exports – Exports in .mp4 format can now include a Timestamp.

Digital Zoom in EZ Client – The Web Client now allows the user a similar Digital Zoom experience as that available in Control Center.

Performance and administrative updates – An improved mechanism for de-jittering was introduced, a new License category was added for FLIR Recorders, an upgrade was made to the FF Playback functionality, and a new version of DNA was released.
Edge Devices
The following changes were made to Edge Device Support:

**PT Camera Scan List** - Automatic Stepping/Toggling through Preset list for PT-, D-, PT-Series HD and A310-PT cameras

**Sony Gen 6 Camera** – Ability to set MTU and image stabilizer parameters

**Axis Plugin enhancement** – Support for Audio-in on Q8414, and adjustment to licensing requirement for multi-imager cameras.

### A.1.2 Fixed Issues in 7.0.0.5773

<table>
<thead>
<tr>
<th>CR ID</th>
<th>Description</th>
<th>Support Ticket</th>
</tr>
</thead>
<tbody>
<tr>
<td>43537</td>
<td>Fixed issue that Offline Synchronized Backup always plays in Key-Frame-only mode</td>
<td></td>
</tr>
<tr>
<td>43536</td>
<td>Fixed issue that Key Frame Only key is not working</td>
<td></td>
</tr>
<tr>
<td>43340</td>
<td>Fixed issue that Audio doesn't work when using WPF application</td>
<td>72864</td>
</tr>
<tr>
<td>43136</td>
<td>Improving the camera failover mechanism by reducing the recording gap in failover</td>
<td>71099</td>
</tr>
<tr>
<td>42729</td>
<td>Fixed the issue where output pin icon on map changed to 'X' when double clicked</td>
<td>69508</td>
</tr>
<tr>
<td>42799</td>
<td>Map Script – Correcting problem with the value of the Property 'ChangeAllToUnfocus' (was null or undefined)</td>
<td>68904</td>
</tr>
<tr>
<td>42798</td>
<td>Correcting problem of PTZ control from the DVTEL Keyboard joystick while PTZ trigger in Alarm sequence</td>
<td>69615</td>
</tr>
<tr>
<td>42580</td>
<td>Fixed issue where the SVA video source was crashing</td>
<td>64994</td>
</tr>
<tr>
<td>43384</td>
<td>Fixed issue where FLIR N336ZD1 camera going offline when motion is enabled</td>
<td>71217</td>
</tr>
<tr>
<td>43362</td>
<td>Fixed issue where FLIR N336ZD3 Tampering event is sent to the system but not being handled by Latitude</td>
<td></td>
</tr>
<tr>
<td>43596</td>
<td>GIS maps not functioning due to 'google Earth' EOL</td>
<td>73282</td>
</tr>
<tr>
<td>43663</td>
<td>Discovery page closes after failure\success even though it is set to remain open under Admin Center settings</td>
<td>73706</td>
</tr>
<tr>
<td>40624</td>
<td>Sony RZ30 fails to discover</td>
<td>64897</td>
</tr>
<tr>
<td>40704</td>
<td>DVTel unit sent multicast port zero which caused issues with recording</td>
<td>65216</td>
</tr>
<tr>
<td>43864</td>
<td>Disabled jittering mechanism which caused Control Center to crash in some instances</td>
<td>73509</td>
</tr>
<tr>
<td>43498</td>
<td>Fixed issue where Archiver shows cameras as inaccessible due to a handle leak in AM</td>
<td>71773</td>
</tr>
</tbody>
</table>
A.1.3 Limitations in 7.0.0.5773

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Users who had FLIR Recorders connected to their system before this release</td>
</tr>
<tr>
<td>will need to get new licenses that specifically include FLIR Recorders from</td>
</tr>
<tr>
<td>operations.</td>
</tr>
<tr>
<td>The ONVIF implementation of the digital input event for the VIDEOTEC</td>
</tr>
<tr>
<td>ULISSE unit is not functioning correctly.</td>
</tr>
</tbody>
</table>

A.2. Version 7.0.0.5762

Please refer to V7.0.0.5762 for full details.

A.2.1 Summary of Features in 5762

System

Support for up to 10K cameras per Directory – Large System capability was validated (subject to server specifications)

Secure connection when using EZ-Client – Users have the option to encrypt EZ-Client connections

MP4 Support – Clips can be exported in .mp4 format, thus allowing playback without the need for a proprietary playback application

PTZ Optical/Digital Toggle - Users can easily switch between Optical and Digital zoom

Edge Devices

Added FLIR Quasar Gen II CM-6206 H1-I Hemispheric camera

Support for cell-based Motion detection using Quasar Gen II – Configuration of Motion detection zones done through Admin Center – no need for accessing camera web page

Single Multicast IP address for multiple streams from Quasar Gen II

Support for 1080P resolution on Quasar Gen II Quad HD camera

Support of FC-ID Thermal Analytics Cameras

Support for FLIR Recorders

Support RTSP audio input
A.2.2 Fixed Issues in 7.0.0.5762

<table>
<thead>
<tr>
<th>CR ID</th>
<th>Description</th>
<th>Support Ticket</th>
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</thead>
<tbody>
<tr>
<td>42190</td>
<td>Issue has been fixed in SDK Player sample</td>
<td>67832</td>
</tr>
<tr>
<td>42363</td>
<td>Motion Detection now works with Pelco IMP1110-1E</td>
<td>67869</td>
</tr>
<tr>
<td>42416</td>
<td>Motion Detection now works with Arecont AV3256</td>
<td>67678</td>
</tr>
<tr>
<td>42193</td>
<td>Improved accessibility status of ONVIF cameras in case of slow networks</td>
<td>67007</td>
</tr>
<tr>
<td>42372</td>
<td>Latitude no longer pushes a time to Axis cameras regardless of storage on the edge</td>
<td>66808</td>
</tr>
<tr>
<td>40929</td>
<td>Can now save preset with Sony SNC-WR632 firmware 2.5 / 2.6.6</td>
<td>69093</td>
</tr>
<tr>
<td>42565</td>
<td>Latitude no longer automatically changes audio settings in Quasar Gen I</td>
<td>66290</td>
</tr>
<tr>
<td>42613</td>
<td>Video fixed on SightLogix cameras</td>
<td>66718</td>
</tr>
<tr>
<td>42578</td>
<td>Alarms fixed in Control Center where EDB is on same machine</td>
<td>68249</td>
</tr>
<tr>
<td>42714</td>
<td>Improved audio in quality in the VMS when using AAC format</td>
<td></td>
</tr>
<tr>
<td>42387</td>
<td>Analogue Bosch PTZ camera with 7604e encoder does not work when serial port is set above 129.</td>
<td>68200</td>
</tr>
<tr>
<td>43128</td>
<td>Indigo Vision cameras not working after upgrade due to ONVIF digest authentication enabled</td>
<td>70965</td>
</tr>
<tr>
<td>43130</td>
<td>Control Center isn't launching after Windows 10 'Anniversary Update'</td>
<td>70967</td>
</tr>
<tr>
<td>42729</td>
<td>Output pin icon on map changed to 'X' when double click</td>
<td>69508</td>
</tr>
<tr>
<td>42921</td>
<td>Adaptive streaming causes video failure error message in Horizon ControlCentre</td>
<td>69886</td>
</tr>
</tbody>
</table>

A.3.Version 7.0.0.5745

Please refer to V7.0.0.5745 for full details.

A.3.1 Summary of Features in 5745

Software Rebranding
LU 7.0.0.5745 saw the rebranding of the DVTEL software into FLIR following the acquisition of DVTEL by FLIR Systems, Inc.

New TruWitness app icon
The TruWitness and Mobile apps has been outfitted with the FLIR branding
Update Version Number
LU 7.0.0.5745 saw the addition of the exact LU number to the login screen and help about screen.

Alarm Functionality in EZ Client
LU 7.0.0.5745 saw the addition of the alarm support to EZ Client

Improved Maximize View in EZ Client
LU 7.0.0.5745 saw the addition of improvements to the maximized view in EZ Client

Improved error messages in Horizon and Meridian
This update includes improved error messages in both the Horizon and Meriden First Time Configuration Wizard as well as Horizon and Meridian manual edge device discovery.

Support for FLIR cameras
This update includes the newly added support for some existing FLIR edge devices.
For a list of devices, please see the “Supported Edge Device List” found at [www.flir.com/security > Resources > Product Literature]

DNA Rebranding
The DNA camera configuration tool has been branded with FLIR logos.

RTSP Setting from Latitude
The Latitude user interface was enhanced with an “RTSP Settings” button and form, allowing the user to provide the RTSP settings of the bound IP camera from Latitude.

Log into multiple Directories from Command Line
This feature allows an operator to have a system log into multiple United VMS systems via command line.

Firewall detection and warning
Control Center will warn the user at the login screen if the firewall is detected as turned on.

Faster Response Time to Failed Login
The time for the system to alert the user of a failed login has been made significantly faster.

Digest Authentication Support
Cameras that support only HTTP digest authentication are now supported.

Samsung PTZ Driver
The Samsung PTZ driver has been expanded to include control of patterns, wiper and OSD menu.

Client Support for Windows 10
Client only versions of Control Center and Admin Center are now supported on Windows 10 machines. Additionally, EZ Client supports Microsoft Edge Browser.

Distribution Ready Version of Horizon and Meridian
A new licensing mechanism has been deployed specifically for distribution models focusing on working as stand-alone NVR systems.
A.3.2 Fixed Issues in 5745

<table>
<thead>
<tr>
<th>CR ID</th>
<th>Description</th>
<th>Support Ticket</th>
</tr>
</thead>
<tbody>
<tr>
<td>40964</td>
<td>Export to .avi from Control Center corrected when using Microsoft Video 1 Codec.</td>
<td>64722</td>
</tr>
<tr>
<td>40258</td>
<td>Pelco scene no longer becomes inaccessible when setting separate stream</td>
<td>63748, 65008</td>
</tr>
<tr>
<td>40723</td>
<td>Added support to control PTZ of Pelco PTZ TXB-N</td>
<td>63501</td>
</tr>
<tr>
<td>61039</td>
<td>Honeywell Camera now works using RTSP Plugin in Horizon and Meridian</td>
<td>64015</td>
</tr>
<tr>
<td>40735</td>
<td>There is no longer an EntityJS map error when a map is opened in CC</td>
<td>64524</td>
</tr>
<tr>
<td>41262</td>
<td>Added support for single license for Arecont 12176DN</td>
<td>66046</td>
</tr>
<tr>
<td>41269</td>
<td>Re-added support discovery of DVTEL 9420 camera</td>
<td>65938</td>
</tr>
<tr>
<td>41280</td>
<td>Added support for single license for Axis Q6000</td>
<td></td>
</tr>
<tr>
<td>39788</td>
<td>Transcoder no longer stops responding to video requests.</td>
<td>66166</td>
</tr>
<tr>
<td>41540</td>
<td>Cameras that support only HTTP digest authentication will now work. For example, new Axis cameras.</td>
<td></td>
</tr>
<tr>
<td>41021</td>
<td>Config file's DB user and Password Changed after LU upgrade</td>
<td>65692</td>
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<tr>
<td>41965</td>
<td>Configuring an output pin action on Moxa device via Admin Center no longer produces an error</td>
<td>67356</td>
</tr>
<tr>
<td>41317</td>
<td>Mobile app no longer crashes on Android when trying to view 4K resolution</td>
<td>59394</td>
</tr>
<tr>
<td>42099</td>
<td>Samsung PTZ Driver that now supports Patterns/Wiper/OSD Menu</td>
<td></td>
</tr>
</tbody>
</table>

A.4. Version 7.0.0.5710

Please refer to V7.0.0.5710 for full details.

A.4.1 Summary of Features in 5710

Enhanced Playback timeline for EZ Client
Moveable, stretchable Timeline, with synced thumbnails
EZ Client Drilldown Thumbnail Search
Selecting a thumbnail allows drilldown to new set of thumbnails around selected time.

Digital Zoom in PTZ cameras
User can select Digital or Optical, and can use ‘draw-to-zoom’ in Digital view.

Logical IDs added in Horizon and Meridian
Facilitates use of CCTV/PC Keyboards on these platforms

New Edge Devices
IOI HD CB-5222 Bullet, Ariel Gen II line
A.4.2 Fixed Issues in 5710

<table>
<thead>
<tr>
<th>CR ID</th>
<th>Description</th>
<th>Support Ticket</th>
</tr>
</thead>
<tbody>
<tr>
<td>39310</td>
<td>Fixed issue with system macro when working in Multi-Directory systems when the monitors logical IDs are the same between systems. There is no need to change to unique logical ID anymore.</td>
<td>62540</td>
</tr>
<tr>
<td>39292</td>
<td>Fixed issue of PLC connection via serial port following an Archiver restart.</td>
<td>63009</td>
</tr>
<tr>
<td>39466</td>
<td>It is now possible to set bitrates less than 325Kbps for Pelco Spectra 4.</td>
<td>61380</td>
</tr>
<tr>
<td>40172</td>
<td>Fixed issue of “Analytics unavailable” message upon video flickering for ioi IP.</td>
<td>63041</td>
</tr>
<tr>
<td>40105</td>
<td>Fixed issue with Axis encoder PTZ settings resetting after Archiver failover.</td>
<td>63977</td>
</tr>
<tr>
<td>40006</td>
<td>Fixed lip sync issue when exporting clip to AVI.</td>
<td>63790</td>
</tr>
<tr>
<td>40227</td>
<td>Fixed issue which happened with Pelco camera when changing camera setting from a merged stream to separate streams.</td>
<td>63748</td>
</tr>
<tr>
<td>39659</td>
<td>Fixed issue with incident creation linked to audio out.</td>
<td>63477</td>
</tr>
<tr>
<td>40170</td>
<td>Fixed issue with alarms not being cleared in Control Center.</td>
<td>64007</td>
</tr>
</tbody>
</table>

A.4.3 Known Issues in 5710

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transcoder upload bandwidth to the web client should fit the video profile and transcoder video profile setting. In case of low upload bandwidth there might be video latency.</td>
</tr>
</tbody>
</table>