



# Release Notes CathexisVision 2015.3

# Contents

1	Critical 2015.3 Feature changes .....	2
2	Major 2015.3 Feature Changes .....	3
3	Normal 2015.3 Feature Changes .....	5
4	Minor 2015.3 Feature Changes .....	10
5	Informational 2015.3 Feature Changes .....	11

<b>Severity</b>	 Critical	 Major	 Normal	 Minor	 Informational
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<b>Types</b>	Modification	Feature (addition)	Problem (fix)	Bug (fix)	Removed
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**Note:**

- I. While Cathexis has made every effort to ensure the accuracy of this document, there is no guarantee of accuracy, neither explicit, nor implied. Specifications are subject to change without notice.
- II. Further information on cameras listed in these Change Notes should be sought here: <http://integrations.cathexisvideo.com/supported-i-p-cameras/>
- III. Further information on integrated devices listed in these Change Notes should be sought here: <http://www.cathexisintegrations.com/supported-integrations/>














Update Notices









1. From CathexisVision 2015 onwards NetBSD 3, and earlier releases of NetBSD, will not be supported.
2. Support for VOM2x10s will be discontinued in from CathexisVision 2016 onwards. CathexisVision 2016 will however be able to connect to and view cameras from wavelet cards on CathexisVision 2015 sites.
3. CathexisVision 2015 user interface will not be able to connect to CathexisVision 2016 and later.

## 1 Critical 2015.3 Feature changes
















#	Severity	Type	Software Change	Key area
1		Fix	Resolved an issue which caused PTZ control to stop working, on SAM3101/3104 encoders.	Network
2		Fix	Resolved a device id naming issue with the Paxton integration, which could cause duplicate door objects to be created.	Integration
3		Fix	Fixed a failure to record. This occurred when the system failed to initialise correctly, on busy systems.	Frame grabbers










## 2 Major 2015.3 Feature Changes













#	Severity	Type	Software Change	Key area
1.		Feature	<b>Added an option to reverse the PTZ pan/tilt direction, in the PTZ tab, in Camera Setup.</b>	Configuration
2.		Feature	<p><b>Added remote access for users.</b></p> <p>This feature allows users to be restricted to local access to a site.</p> <p><b>Note:</b> Users created before the upgrade will be granted remote access by default.</p>	Configuration
3.		Feature	<b>Integrated the Senstar fence management device.</b>	Integration
4.		Feature	<p><b>CatMobile (iOS) PTZ changes:</b></p> <ul style="list-style-type: none"> <li>• PTZ gestures have been removed.</li> <li>• New buttons have been added to control PTZ <ul style="list-style-type: none"> <li>○ The camera will move while these buttons stay pressed, and will stop when the button is released.</li> </ul> </li> <li>• There is also a button to toggle the display of all the PTZ buttons</li> <li>• A new double tap gesture has been added. Double tapping will centre the camera on the tapped location (only available for certain cameras)</li> </ul>	Mobile
5.		Feature	<b>Integrated the 360 Vision Dome HD device.</b>	Integration
6.		Fix	<p><b>Hikvision DS-2DE5174 Multicast Port setting.</b></p> <p>This has been hardcoded (permanently preset) to 8860.</p>	Network devices
7.		Fix	<b>Resolved an issue in which having MPEG2 video recordings, with audio enabled, would stall the review.</b>	Review
8.		Fix	<b>Resolved archiving on video stored on the Gateway, after conversion to a PostgreSQL database.</b>	Gateway
9.		Fix	<b>Resolved an issue with the integration server, which could cause it to crash, when a USB-to-serial converter was unplugged.</b>	Integration
10.		Fix	<b>Fixed an issue that occurred when a reboot report was requested, and no servers responded with reboot information.</b>	Profiling
11.		Fix	<b>Resolved a rare problem, where a single camera on the SAM3104 could jitter.</b>	Alarms
12.		Fix	<b>Resolved a review issue where audio playback was initially delayed for a few seconds.</b>	Database
13.		Fix	<b>Fix to ensure that the database name, in the Scheduled Recording table, is changed when the database's name is changed.</b>	Configuration

14.		Fix	<b>Resolved an issue, with RTP parsing on the Surveon cameras that resulted in corrupt video.</b>	Network devices
15.		Fix	<b>Make maximum live streams setting for a VGA server apply, even when the controlling NVR never connects.</b>  If a VGA server was configured to limit the number of live streams, and the controlling NVR never connected to it, the setting would not apply. This change makes the VGA server remember the setting.	VGA
16.		Fix	<b>Fixed a problem with SAM3104's stalling when reconfiguring them via the setup.</b>	Alarms
17.		Fix	<b>Change, to deal with corrupt video frames, which could cause a stall on an analytics feed.</b>	Frame grabbers
18.		Fix	<b>Risco integration changes</b>  Modified which partition commands are available in every partition state.	Integration
19.		Modification	<b>Modified to the Ziton integration's meta database.</b>  Changed the Easy Search "Event Description" to "Status Description"	Integration
20.		Modification	<b>Modified operation of PTZ control buttons on web page.</b>  Modified the way the PTZ control buttons on the web page work. Previously if the button was clicked, the dome would move for a "bit" in the direction clicked. Now, the dome will move while the button is pressed, and stop moving when it is released.	Web page
21.		Modification	<b>Ziton integration modifications</b> <ul style="list-style-type: none"> <li>• The command to reset a panel is now always available.</li> <li>• I/O enabled/disabled messages are now shown as a device event.</li> <li>• Resolved an issue with the Ziton integration where a newly created device did not have any available commands.</li> </ul>	Integration












### 3 Normal 2015.3 Feature Changes










#	Severity:	Type	Software Change	Key area
1		Feature	<b>Added Wayware Weighbridge integration.</b>	Integration
2		Feature	<b>Added Risco Alarm Panel integration</b>	Integration
3		Feature	<b>Added audio to the Bosch H264 driver.</b>	Integration
4		Feature	<b>Agent VI streaming file integration added.</b>	Integration
5		Feature	<b>Added a GUI option for running a Linux (Ubuntu) upgrade.</b>  This is found in <b>Help Menu -&gt; Upgrade.</b>	Installer
6		Feature	<b>Hunt integration audio-out support added.</b>	Network devices
7		Feature	<b>Added support for the Vista VK2-1050XPTZ camera.</b>	Network devices
8		Modification	<b>Allow a gateway alarm to be disabled for more than 24 hours.</b>	Gateway
9		Modification	<b>Modification to prevent a potential loss of a unit's Windows license, if the system rebooted too soon after start-up.</b>	Configuration
10		Modification	<b>Modification to prevent the old audio server from overwriting the I/O board's serial number.</b>	Configuration
11		Modification	<b>Allow NetBSD upgrades to be forced, when upgrading to CathexisVision 2015, and a CCVM licensed is required.</b>	Industrialisation
12		Modification	<b>Resolved an issue with the Ziton integration, where the device type would show up as unknown.</b>	Integration
13		Modification	<b>German translation updated.</b>	User interface
14		Modification	<b>Ziton event modification.</b> <ul style="list-style-type: none"> <li>• Changed the event type of "zone partially disabled" from "device" to "zone".</li> <li>• Removed unnecessary fields from each message type.</li> <li>• Added database views for each message type.</li> </ul>	Integration
15		Modification	<b>Surveon integration video feed modification.</b>  Removed MPEG4 option from Surveon driver, if the camera supports H264.	Network devices

16		Modification	<p><b>Hunt camera PTZ changes.</b></p> <p>The hunt cameras can now move <i>diagonally</i>. Before they were only able to move either horizontally or vertically, but not in both directions simultaneously.</p>	Network devices
17		Modification	<p><b>CatMobile PTZ overhaul.</b></p> <ul style="list-style-type: none"> <li>Removed control using swiping gestures.</li> <li>Implemented directional arrows (up, down, left, right) which the user clicks on to go in the desired direction.</li> <li>Implemented zoom buttons for the user to zoom in or out.</li> <li>Implemented a toggle button to disable/enable PTZ control.</li> <li>Implemented centre-on-point, through double clicking on the desired location (limited to the camera drivers that have this functionality implemented).</li> </ul> <p><b>Note:</b> Requires CatMobile Android Version 2.0.148 or later.</p>	PTZ
18		Modification	<p><b>Gallagher integration license change.</b></p> <p>The Gallagher integration will now use the Gallagher license (CGAL-2000).</p>	Integration
19		Modification	<p><b>Added support for Vista VK2-1080XVFD3V9F camera</b></p>	Network devices
20		Modification	<p><b>Clarified reporting of the communication channel going down/up, on the Risco integration.</b></p>	Integration
21		Modification	<p><b>Added 360 Vision Dome HD camera integration</b></p>	Integration
22		Modification	<p><b>Add map notifications to Impro IXP400 integration.</b></p>	Integration
23		Modification	<p><b>Removed the “VAT Viewer” shortcut, in the start menu, from the CathexisVision Client installation.</b></p>	Industrialisation
24		Modification	<p><b>Server expansion rule changed.</b></p> <p>A single server would be automatically expanded when opening <b>Site—&gt;Setup—&gt;Configure Servers</b>. This now only applies to single server sites.</p>	Configuration








25		Modification	<p><b>Update timeline at regular intervals to support long running events.</b></p> <p>The event markings on the timeline w written when an event completes. This is a problem for long running events. The timeline is now updated every minute.</p>	Logic
26		Modification	<p><b>Update restore point for failover when new licenses are applied.</b></p> <p>This resolves an issue which would occur if new licenses were applied to a server and it failed, the hotspare would not see the new licenses.</p>	Failover
27		Modification	<p><b>Added the Vista Vista VK2-1080BIR3V9F camera integration.</b></p>	Network devices
28		Fix	<p><b>Made buttons, for moving report items up/down when configuring a site, or gateway report, more visible.</b></p>	User interface
29		Fix	<p><b>Fix setting pre-event frame rate to key-frames only.</b></p> <p>This setting was actually being applied properly, but when the setting was <i>reviewed</i> it incorrectly displayed "full rate".</p>	Configuration
30		Fix	<p><b>Resolved an issue where the Panogenics camera was being rebooted when it came back up, after connection was lost.</b></p>	Network devices
31		Fix	<p><b>Fixed a database issue with loading event activity items when connecting from CathexisVision 2015.</b></p>	Database
32		Fix	<p><b>Fix slice detach database issue.</b></p> <p>Fixed an issue where a slice in a database is removed via the setup, and the cameras recording to that slice are not reassigned to other slices without a reboot.</p>	Database
33		Fix	<p><b>Removed I/O support from the Surveon camera integration.</b></p> <p>This resolves an issue with Surveon camera streams stalling.</p>	Network devices
34		Fix	<p><b>Resolved an issue, where JPEG-based archives would not work with the Cathexis virtual encoder.</b></p>	Network devices
35		Fix	<p><b>Improved the handling of sites which have multiple contacts.</b></p>	User interface
36		Fix	<p><b>Resolved an issue with the Alarm Gateway, where the "disabled alarm" icon was not visible at the top of the screen.</b></p>	Gateway









37		Fix	<p><b>Resolved two issues with the Sunell integration.</b></p> <ul style="list-style-type: none"> <li>• Incorrect capabilities were being presented.</li> <li>• Potential network server crash.</li> </ul>	Integration
38		Fix	<p><b>Ziton integration map problems.</b></p> <p>Map notifications for panel and zone objects were not appearing. This has been resolved.</p>	Integration
39		Fix	<p><b>Resolved an issue where meta data in the basic database's video track wasn't ignored as is intended.</b></p>	Database
40		Fix	<p><b>Resolved an issue in the Paxton driver where door commands were not being sent.</b></p>	Integration
41		Fix	<p><b>Fixed the removal of site report section option.</b></p> <p>In <b>Setup -&gt; Reports -&gt; Report editor</b> the removal of a section from the report was broken; removing a row would in some instances remove multiple rows. This has been fixed.</p>	Site management.
42		Fix	<p><b>Fixed a map editor crash.</b></p> <p>This would occur when an action was added, that was based on an object state change, and the object being referenced had not states.</p>	Map
43		Fix	<p><b>Sunell integration stream issues:</b></p> <ul style="list-style-type: none"> <li>• CathexisVision was not streaming the second stream, on Sunell cameras, if the first stream was not set up. CathexisVision will now stream the second stream, regardless of the configuration state of the first stream.</li> <li>• Could not set variable bit rate on Sunell cameras. This has been fixed.</li> </ul>	Network devices
44		Fix	<p><b>Resolved an issue with doing de-warping on 360 degree video, in the stand-alone Archive Player.</b></p>	Archiving
45		Fix	<p><b>Prevent Flexwatch driver from going into an infinite loop.</b></p> <p>Resolved an issue with the Flexwatch integration which would overload the network server, and prevent other cameras from working.</p>	Network devices
46		Fix	<p><b>Canon VB-R11 audio fix.</b></p> <p>Resolved an issue which caused audio out to not work on Canon VB-R11 cameras.</p>	
47		Fix	<p><b>Fixed a crash that could occur on NetBSD 4, when viewing maps.</b></p>	Map

48		Fix	<b>Surveon audio fix.</b>  Resolved an issue which caused audio to fail on Surveon cameras.	Network devices
49		Fix	<b>Fixed broken zoom on the Samsung V2 driver.</b>	Network devices
50		Fix	<b>Vivotek resolution and framerate issue.</b>  Resolved an issue where resolutions and framerates were not being presented by certain Vivotek encoders.	Network devices
51		Fix	<b>Map crash fix.</b>  Fixed a crash which could occur when a state change is configured to load a new map.	Map
52		Fix	<b>Resolved an issue which caused SoftCon to reject retransmit queries, which had the same sequence number.</b>	Integration
53		Fix	<b>Increased the maximum length of the HTTP authorization header to 1KB to resolve an issue where authorization details were truncated, which caused the camera to not authenticate our connection.</b>	Network devices
54		Fix	<b>Re-authenticate with server if the current HTTP Digest Authentication expires.</b>	Network devices
55		Fix	<b>Resolved issue with motion trigger messages.</b>	Network devices
56		Fix	<b>Resolved an issue communicating with some Dahua cameras.</b>	Network devices

## 4 Minor 2015.3 Feature Changes

#	Severity:	Type	Software Change	Key area
1		Modification	<b>Resolved an issue where, on a busy NetBSD-based system, the camera names in the event tab may not be present.</b>	Review
2		Modification	<b>JPEG feed changes for Hikvision cameras.</b>  The bitrate, and GOP length, values will no longer be shown on JPEG video feed information, as these values do not apply to JPEG.	Network devices
3		Fix	<b>Fix archive viewer menu bar appearance.</b>	Archiving
4		Fix	<b>Correctly set the product version at start-up</b> At start-up it was possible that the product version would be presented as CathexisVision 2014, for a short while, which would mean that cameras could be added without licenses for a short period.	Site management
5		Fix	<b>Fixed a crash in the shutdown of the GUI, which occurred when snapshots had been added to the clipboard.</b>	User interface
6		Fix	<b>Stopped the GUI minimizing after editing a camera from Resource Panel.</b>	User interface
7		Fix	<b>Enabled zoom on the Dahua IPC-HFW5200 integration.</b>	Network devices

## 5 Informational 2015.3 Feature Changes

#	Severity:	Type	Software Change	Key area
8		Feature	<b>Advanced DB usage report support.</b> Added support for advanced DB usage reports. Note: These reports are only available with the Advanced database.	Profiling
9		Modification	<b>Added a database summary to the breakdown report.</b>	Profiling
10		Modification	<b>Modification to order the camera license summary alphabetically.</b>	User interface
11		Fix	<b>Fixed timeline mask problem.</b> Resolved a calculation issue which generated the greyed parts of the timeline, which appear where recordings have been removed.	Database
12		Fix	<b>Resolved a license report issue, that occurred when camera licenses of different years were grouped together.</b>	Profiling
13		Fix	<b>Provide review time for printed images.</b>	User interface