



CathexisVision 2020.2 Release Notes

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Types	Feature (Addition)	Modification (Change)	Fix (Problem fix)	Deprecated (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 Release Notes should be sought here:
<http://integrations.cathexisvideo.com/supported-i-p-cameras/>
- III. Further information on integrated devices listed in these Release Notes should be sought here:
<http://www.cathexisintegrations.com/supported-integrations/>

CathexisVision 2020 Update Notices

General Notices

1. CathexisVision 2018 is the last release to support the Linux Fedora 16 operating system.
2. From CathexisVision 2018, the user interface may connect to previous versions of CathexisVision Server software, but with a loss of functionality. It is recommended that the viewing software and the recording software be of the same major version.
3. Support for Windows Vista and Windows Server 2008 has been dropped from CathexisVision 2018.3 and onwards. Support for Windows Server 2008 R2 remains.
4. The ID process used for licensing a system running on a virtual machine changed in CathexisVision 2018.
5. From CathexisVision 2017, the concept of unit groups for a user is no longer supported. Unit groups will be supported for connections to sites running earlier software versions.
6. The multisite user interface has been discontinued from 2016 onwards.
7. CathexisVision 2016 is the last major release to support the viewing of wavelet video (and VOM2x10 cards). CathexisVision 2016 software does not support wavelet hardware, but it does allow users to connect to and view wavelet video from earlier versions that do support it, subject to the usual restrictions on backward compatibility.
8. AVM3000 framegrabbers and SAM1000 encoders are not supported from CathexisVision 2016 onwards.

1 Critical Changes for 2020.2

#	Key area	Software Change	Type
1.	Analytics	Basic object classifier algorithm. Added the basic object classifier algorithm, which detects the presence of classified objects.	Feature
2.	API	API. Made the following modifications to the API: <ul style="list-style-type: none"> • Direct-to-slave live streaming is fixed. • Added &resolution=wxh option to the HTML5 streaming request. • Added camera IP to the cameras page. • Added playbackRate to HTTP review web streaming. • Added video export function. 	Modification
3.	General	Cameras. When pasting a new discovered camera, only cameras not already configured on servers are now listed. There is an option to list all cameras if required.	Modification
4.	VMS	Event trigger setup. Ordered integration objects alphabetically in event trigger setup and made popup menu scrollable.	Modification

2 Feature Changes for 2020.2

#	Key area	Software Change	Type
1.	Alarm Gateway	Alarm Gateway. Fixed an issue where the alarm gateway filter could only set a date up to the end of 2019.	Fix
2.	Archiving	Archive Viewer. Made the following changes to the Archive Viewer: <ul style="list-style-type: none"> • Added the archive camera name as an overlay on the video. • Added camera name overlays in the site GUI. • Added the option to sort the archive files alphabetically or by date/time. • Fixed the export snapshot in the multi-camera archive viewer in CV2020. • Added audio support to multi-camera archive viewer. 	Modification
3.	CatObserver	Catobserver. Fixed CathexisVision 2020 catObserver crash at startup.	Fix
4.	Database	Network storage system. Fixed problem where a short network drop out to the network storage system temporarily rendered any new recordings inaccessible until the services were restarted.	Fix
5.	General	Windows Defender. Updated performance tool for windows defender. This fixed various high CPU usage features.	Fix
6.	Http_server	Custom Port. Added support for custom port, this ensures it will work after updating software.	Fix.
7.	Installation	GUI. Resolved an issue where a firewall message would appear when the CathexisVision GUI is run for the first time.	Fix
8.	Integration	Gallagher. Made modifications to the Gallagher Plugin Integration: <ul style="list-style-type: none"> • API event data now has a priority field. • Events can be injected into the Gallagher Command Centre. 	Modification
9.	Integration	Impro Portal. Made the following changes to the Impro Portal Access Control Integration: <ul style="list-style-type: none"> • Implemented the event registration required by Impro Portal V4 to receive events. • The company name now displays for transactions, and appears on the overlay as well as the metadatabase. 	Modification
10.	Integration	ISS SecurOS. Modified the ISS SecurOS LPR metadatabase by adding two new filters. This allows a user to only enter a part of the full license plate or container ID. Note: a new database will have to be created for this change to take effect.	Modification.

#	Key area	Software Change	Type
11.	Integration	Keri Systems. Added the Keri Systems access control driver.	Feature
12.	Integration	KNX. Added KNX building management devices, through BAOS IP devices.	Feature.
13.	Integration	SALTO. Fixed an issue with the SALTO access control integration where doors above number 256 would not have their names imported.	Fix.
14.	Integration	Semac. Added the Chiyu Technology Semac access control integration.	Feature
15.	Integration	Suprema Biostar. Added Suprema Biostar AC.	Feature
16.	Integration	Ziton. Restored the running of the Ziton ZP2 fire panel in the 2020.1 release. Previously, the integration had not run.	Fix
17.	Keyboard	KBD3000. Previously, KBD3000 needed to be restarted after the Ubuntu CNVR reboot. The KBD3000 driver is reset and the issue is fixed.	Fix
18.	Licensing	Camera limit. Additional inputs on a multi-headed camera no longer count towards the camera limit on Core and Pro sites.	Modification
19.	Logic	Alarms. Fixed \$alarm_description keyword substitution for technical alarms.	Fix
20.	Network Cameras	Axis Perimeter Defender. Added a setting to force using Axis Perimeter Defender.	Fix
21.	Network Cameras	Hikvision. Added support for Hikvision custom streams.	Fix
22.	Network Cameras	Sam3204. The resource list is now not shown when the camera connected to the sam3204 integration is down	Modification
23.	Network Cameras	Wisenet. The Wisenet PNM-9080VQ multi headed camera will now correctly use one license.	Fix
24.	Network_Cameras	OnvifV2. Made the following changes to the OnvifV2 driver presets: <ul style="list-style-type: none"> • Added custom presets prefix. • The number of presets which can be given custom names is increased to 256. 	Modification
25.	Review	Review. Fixed review service crash, which occurred after a connection failure.	Fix
26.	System Monitoring	Currently failed cameras. Added option to list online cameras in 'currently failed cameras' report.	Modification
27.	User Interface	Camera links. Adjacent camera links to cameras that are inaccessible are now hidden.	Modification
28.	User Interface	Cameras. When reviewing multiple cameras with audio, the operator can now select which audio to listen to and only one at a time is played. In addition, only one audio stream is played across both live and review.	Modification