



CathexisVision 2020.1 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 2020.1

#	Key area	Software Change	Type
1.	Analytics	Object Classification. Object tracker can now filter on object classification. Rules such as line crossing, time in area, etc, can be triggered on object classification e.g. person, vehicle, and animal.	Feature.
2.	API	API. The following changes have been made to the API: <ul style="list-style-type: none"> Added the option to re-map the internal server IP address that the API publishes for a camera. The server will look for the file: ./settings/apiaddressmap.txt. The format should be original_server_ip{space}new_server_ip Added a timeline interface. Added HTTP/HTML5 compatible web streaming to the API. 	Modification
3.	Configuration	Camera Wizard. Made improvements to the end stage of the camera wizard, where scheduled recordings, motion recordings, and analytics recordings are configured. The wizard now also supports configuration of camera access rights.	Feature.
4.	Configuration.	Motion Recording. Added a simple motion recording system.	Feature.
5.	Database.	Video ageing. Added video ageing capability. The video footage in one database can be transcoded to a reduced size and stored for a longer time in a second database.	Feature.
6.	General	Sherlocks. Fixed emailing of Sherlocks and reports on Windows when the default email client is Outlook.	Fix.
7.	System monitoring	Camera report. Added a camera report listing the currently failed cameras.	Feature
8.	System Monitoring	Health Alerts. Added health alerts to the status bar. A message will be displayed if the disk the NVR is installed on is getting full.	Feature.
9.	System Monitoring	NVR. The NVR now includes stats from the DFI SD311 motherboard in the environment report. E.g. CPU and system temperature, and fan speed.	Feature.

2 Feature Changes for 2020.1

#	Key area	Software Change	Type
1.	Alarm Management Gateway	Alarm Video Playback. Added an option to 'Add comment and close alarm' when adding a comment from the alarm video playback window. Once the comment is added, the alarm will be closed.	Modification.
2.	API	ONVIF. The server hosting the ONVIF server can override the IP address used from the configuration by adding just the IP address to the file: {INSTALLPATH}/settings/onvifaddress.txt	Feature
3.	CatObserver	CatObserver. Fixed a CatObserver capture bug on virtual machines.	Fix.
4.	Configuration	Scheduled recording. Simplified the creation of scheduled recording for many cameras through changing the scheduled recording setup.	Feature.
5.	Database	Database shredding. Added optional database shredding to permanently destroy video older than the maximum days recording limit.	Feature.
6.	Integration	Dynamass. CathexisVision now integrates with Dynamass weighbridge.	Feature.
7.	Integration	ISS SecurOS. CathexisVision now integrates with the ISS SecurOS license plate recognition.	Feature.
8.	Integration	Lenel Integration. Fixed an issue which could cause the Lenel integration to stop receiving events after a large photo was sent.	Fix.
9.	Integration	Paxton. Added a camera overlay to the Paxton access control integration.	Feature
10.	Integration	Southwest Microwave. The following changes have been made to the Southwest Microwave integration: <ul style="list-style-type: none"> • The "Device address" property of the "AlarmInputModule" and the "RelayOutputModule" now only displays a number. • TCP is supported through RPM. • Commands can add a CableCell to a CableCellGroup to take a number for certain parameters. The CableCell will now display the name of the linked CableCellGroup. 	Modification.
11.	Integration	Videoguard. The NVR can now send events to Videoguard's web service.	Feature.
12.	Integration	Winpak. Added the Winpak integration.	Feature.
13.	Integration.	Integration devices. CathexisVision 2020 will no longer connect to, and receive status and notifications from integration devices running on sites with CathexisVision 2017, and earlier.	Modification.
14.	Integration.	Jablotron. CathexisVision now integrates with Jablotron alarm panels through the Jablotron CLOUD.	Feature.

#	Key area	Software Change	Type
15.	Integration.	Mettler. CathexisVision can now receive events from Mettler Toledo scales, using the SICS protocol, over serial port.	Feature.
16.	Integration.	ProdevTech. CathexisVision now integrates with ProdevTech point of sale devices.	Feature.
17.	Licensing.	Licensing. The analogue cameras on a DVR, with a CDVR-1000 Linux DVR enabler license, were incorrectly treated as 3rd party IP cameras requiring a license. This is fixed.	Fix.
18.	Map	Map. Fixed item selection on map when hi-dpi scaling is enabled. E.g. double-clicking would not show the camera's video.	Fix.
19.	Metadatabase	Metadatabase. Added extended filtering to scheduled metadatabase reporting.	Feature.
20.	Network cameras	Amano. Added the Amano camera driver.	Modification.
21.	Network cameras	Milesight. Added Milesight LPR.	Feature.
22.	Network Cameras	Onvif V2. Added support for wash, wipe, and light controls in the ONVIF V2 driver.	Feature.
23.	Network cameras	Vivotek camera driver. Fixed a problem where some models were not using the correct streaming URL.	Fix.
24.	Network Cameras.	Canon. Added edge for canon cameras.	Feature.
25.	Network Cameras.	Uniview. The following changes have been made to the Uniview camera driver: <ul style="list-style-type: none"> • Audio out is supported. • Edge review is supported. 	Feature.
26.	User Interface	Snapsearch. Prevented the snapsearch window from exceeding the screen size in high DPI mode.	Fix.
27.	User Interface	Ubuntu. Support for bookmarks and reference images in the local user interface on Ubuntu 12 systems has been removed from CathexisVision 2020 software.	Modification.
28.	User interface	User interface. When exporting a snapshot image, the camera name and time can be overlaid. The system now remembers the user's selection and uses it for subsequent exports.	Feature.