



CathexisVision 2023.3

Release Notes

Contents

- 1. General Notices 3
- 2. Cameras 4
 - 2.1 Features 4
 - 2.2 Fixes 4
- 3. Integrations 5
 - 3.1 Modifications 5
 - 3.2 Fixes 5
- 4. Other 6
 - 4.1 Modifications 6
 - 4.2 Fixes 6

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1. General Notices

Types	Feature (Addition)	Modification (Change)	Fix (Problem fix)
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Note:

- I. Further information on the cameras listed in these **Release Notes** should be found here: <https://cathesisvideo.com/supported-integrations/cameras/>
 - II. Further information on integrated devices listed in these **Release Notes** should be found here: <https://cathesisvideo.com/video-monitoring/support-integrations/>
1. **CathesisVision 2016** is the last major release to support the viewing of wavelet video (and VOM2x10 cards). **CathesisVision 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.
 2. The multisite UI has been discontinued from **2016** onwards.
 3. AVM3000 frame-grabbers and SAM1000 encoders are not supported from **CathesisVision 2016** onwards.
 4. From **CathesisVision 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.
 5. **CathesisVision 2018** is the last release to support the Linux Fedora 16 operating system.
 6. From **CathesisVision 2018**, the UI may connect to previous versions of CathesisVision 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.
 7. Support for Windows Vista and Windows Server 2008 has been dropped from **CathesisVision 2018.3** and onwards.
 8. The ID process used for licensing a system running on a virtual machine changed in **CathesisVision 2018**.
 9. **2020** is the last release to support Ubuntu 12.04.
 10. **CathesisVision 2021** is the last release with a 32-bit installer for Windows. For guidelines on converting 32-bit software to 64-bit, see the relevant document, [Converting 32-bit Software to 64-bit Software App-note](#).
 11. The Carbon UI is supported from **CathesisVision 2022** onwards.
 12. CathesisVision Mobile is supported from **CathesisVision 2022** onwards.
 13. **CathesisVision 2021** is the last release to support Windows 7, Windows 8, Windows 8.1 and Windows Server 2008 R2.
 14. **CathesisVision 2023** can only connect to sites running **CathesisVision 2019** and above.
 15. **CathesisVision 2023** is the first CathesisVision server version to support the MultiSite server.
 16. **CathesisVision 2023** is the *last release with CathesisVision UI software for Ubuntu 16*. **CathesisVision 2024** will be a server-only release. As such the CathesisVision UI software and Videowall UI (which run on the Ubuntu 16 server) will no longer be available.

2. Cameras

2.1 Features

Software Change	
1	<p>Hikvision. The following Hikvision models have been added to the multi view model:</p> <ul style="list-style-type: none"> • DS-2TD4137 50/W • DS-2TD4166 50/V2 • DS-2TD4167 50/W
2	<p>MobotixV2. Support for Mobotix's JPEG/MxPEG HTTP Fast Stream protocol has been added.</p> <ul style="list-style-type: none"> • Transport options for FastStream/Both, FastStream/Left and FastStream/Right have been added in the camera setup. • The format and quality of the supplied Fast Stream will depend on the configuration of the General Image Settings, as well as the JPEG Settings of the camera's web interface. • To Fast Stream the left and right lenses of a dual lens camera <i>independently</i>, the Camera option in the Advanced settings will need to be set to Both.

2.2 Fixes

Software Change	
1	<p>Arecont. Fixed streaming issues with the Arecont AV8185.</p>
2	<p>Bitrates can now be configured for SAM2 and SAM3 encoders, as well as CAM1100 cameras using SAM2 API.</p>
3	<p>Milesight ANPR.</p> <ul style="list-style-type: none"> • Fixed event timestamp for MS-C2962-QELPBB and MS-C2966-X12RLPC cameras. • Fixed a memory leak where the queue of HTTP IO/event requests grew due to delayed camera responses.
4	<p>Axis FFGroup ANPR.</p> <p>Fixed an issue that could prevent FFGroup cameras from auto reconnecting.</p>

3. Integrations

3.1 Modifications

Software Change	
1	BioStar2. This integration has been updated to work with encryption (https) and API V2.8+.
2	Detnov CAD-150 Fire Panel. This integration has been renamed from 'Detnov CAS150 Fire Panel' to 'Detnov CAD-150 Fire Panel'.
3	Mettler UC3. <ul style="list-style-type: none"> • The Mettler UC3 scale's database now uses an integer for the transaction id. • The Edeka Scale transaction now provides feedback to the Mettler UC3 scale integration on whether a scale item has been sold or has expired.

3.2 Fixes

Software Change	
1	TecnoAlarm Panel. This integration's driver will now close the TCP connection if no valid message has been received from the panel for 15 seconds.
2	Impro AP Lite. <ul style="list-style-type: none"> • Tagholders can no longer be added without having already added at least one access group. • Fix an issue with the controller table when restoring a backup on newer firmware versions.
3	Axis Perimeter Defender. Fixed an issue where the Axis Perimeter Defender would stop receiving events.

4. Other

4.1 Modifications

	Key area	Software Change
1	Analytics	<p>The Basic Object Classifier and Object Algorithms now make use of a pooled classifier:</p> <ul style="list-style-type: none"> • The auto backend has been updated to take into consideration the hardware currently on the system. • The options for algorithms given to the user to pick from (based on hardware) have been restricted.

4.2 Fixes

	Key area	Software Change
1	Carbon	Fixed an issue where, when an output was set through the Carbon User Interface, it was being pulsed instead.
2	Configuration	Fixed crash in the algorithm server caused by mismatched Nvidia drivers.
3	General	The failover warning in 2023 Premium sites has been fixed.
4	ONVIF server	ONVIF . Fixed the ONVIF server 'DiskError' xml response.