Carbon Suite 4.1

Release Notes

Contents

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1. Introduction

This document covers the additions, changes, and problem fixes made to software in the **Carbon Suite 4.1** which comprises the following products:

- CathexisVision Carbon 4.1
- CathexisVision Mobile 4.1
- CathexisVision MultiSite 4.1
- CathexisVision Enterprise 4.1

1.1 General Notices

1. The Carbon User Interface is supported from CathexisVision 2022.1 onwards.

2. CathexisVision Mobile is supported from CathexisVision 2022.1 onwards.

3. Enterprise is supported from CathexisVision 2021.1 onwards; however, it is recommended to be used with CathexisVision 2023.1 and later.

4. CathexisVision 2023 is the first CathexisVision server version to support CathexisVision MultiSite.

2. CathexisVision Carbon 4.1

The Carbon user interface is easy to navigate and intuitive to use, simplifying the management of CathexisVision sites and enabling streamlined, efficient video monitoring. The following changes have been made to Carbon 4.1.

2.1 Features

	Key Area	Software Change
1	Configuration	It is now possible to create event groups. These can be used in black screen monitoring and alarms.
2	Dashboard	Added buttons to select all/deselect all columns for dashboard and hardware reports. **Note**: The dashboard is only available for Enterprise connections.
3	Dashboard	Added the columns "Last seen" and "Up time" to the dashboard. **Note**: The dashboard is only available for Enterprise connections.
4	Database	Added row count in the database view. It is visible at the bottom of the view and in the footer of the exported view document.
5	Hardware	Added MAC addresses column to the server's hardware table. It is visible in the "Network" view.
6	Monitors	Added site monitor control. This allows greater control through customisation of the videowall layout in the Carbon UI, as well as increased control over what content is sent to the monitor.
7	User interface	Added the option to switch the panel portion of the monitoring tab to be full screen. If changed, the full screen status will be saved and restored upon restart.
8	User interface	Added drag-n-drop to tabs.
9	User interface	Added an option to globally set the video panel fill mode. The options are, "Normal", "Crop to fit" and "Stretch to fit".

2.2 Modifications

	Key Area	Software Change
1	Dashboard	The dashboard cell text colour scheme has changed. The default text colour is white. However, the text will be red for any cell in the following columns where the value is non-zero: • Servers down/unknown • Cameras down/unknown • Packet loss **Note**: The dashboard is only available for Enterprise connections.

2	Maps	A direct site connection will only allow maps - if the site is Premium - or if the site is a Core/Pro with a site map license
3	User interface	Added the options to 'select all columns' and 'clear all columns' when exporting the integration database report.
4	User interface	Resources with numerical prefixes are sorted numerically.
5	User interface	The archive builder is now launched in a tab instead of an independent window.

2.3 Fixes

	Key Area	Software Change
1	Configuration	Fixed an issue with editing a resource group after addition.
2	Dashboard	Fixed an issue where the dashboard would flash after getting an update for a site.
3	Maps	Fixed the fill for manual viewing areas of cameras on maps.
4	User interface	Fixed a memory leak when switching live cameras.
5	User interface	Fixed an issue where the window would move or sometimes disappear when placed on the secondary monitor. This occurred when the screen scaling was less than 100%.
6	User interface	Fixed an issue when opening Motion Quick Search from live where it would open briefly and then close.
7	User interface	Fixed issue with live overlays freezing after a tab change or pausing/restarting live.
8	User interface	Fixed the handling of the long login notice message.
9	User interface	Fixed an issue where selected streams were not restored when switching tabs.

3. CathexisVision Mobile 4.1

CathexisVision Mobile packs in advanced features for remote video monitoring and boasts a simple, sleek user interface. The following changes have been made in CathexisVision Mobile 4.1:

3.1 Features

	Key Area	Software Change
1	Configuration	It is now possible to create event groups. These can be used in black screen monitoring and alarms.
2	User interface	Added a new calendar and time picker design.
3	User interface	Added an option to globally set the video panel fill mode to the Carbon desktop app. The options are: "Normal", "Crop to fit" and "Stretch to fit".
4	Monitor	Added site monitor control. This allows greater control through customisation of videowall layout in the Carbon UI, as well as increased control over what content is sent to the monitor.

3.2 Modifications

	Key Area	Software Change
1	Review	Added the option to open the date/time picker and switch to review mode at a specific time while in live mode.
2	Notifications	Added custom notification sound implementation for iOS. The sounds available for notifications are a limited set built into the iOS app. Extra sounds can be added on request. **Note**: This functionality is only available on iOS.
3	Notifications	Added Support for Android notification channel settings. This will allow a user to manage the notification channels settings (update the sound, importance, vibration, etc). **Note**: This feature is only available on Android devices.
4	Notifications	Added auto-play and lead-in settings.
5	User interface	Resources with numerical prefixes are sorted numerically.

3.3 Fixes

	Key Area	Software Change
1	Diagnostics	Added a header and back button to the mobile buffer logs.
2	Maps	Fixed the fill for manual viewing areas of cameras on maps.
3	Network cameras	Fixed a memory leak in when switching live cameras.
4	Server	Fixed an issue where if the app is used to connect to multiple servers (either an Enterprise and a site, or multiple sites) the app did not always successfully register with the server. This would prevent push notifications from working.

4. CathexisVision MultiSite 4.1

CathexisVision MultiSite is a cost-effective solution for monitoring multiple sites centrally. The following changes have been made in CathexisVision MultiSite 4.1:

4.1 Features

1	Configuration	It is now possible to create event groups. These can be used in black screen monitoring and alarms.
2	User Interface	Added views for licenses under a domain and for each individual site:

Information visible for a domain	Site, package, year, product type, cameras for package and map support - per site under domain.

Information visible for a site	• Package
	• License summaries for the following:
	   o Cameras
	   o Servers
	   o Licenses per server (Only available in debug mode)

5. CathexisVision Enterprise 4.1

CathexisVision Enterprise is a premier solution for the central management of user access, connectivity, and assets across an estate of installations. The following changes have been made in CathexisVision Enterprise 4.1:

5.1 Features

1	Configuration	It is now possible to create event groups. These can be used in black screen monitoring and alarms.
2	User Interface	Added views for licenses under a domain and for each individual site:

For row 2 (User Interface), the nested table:

Information visible for a domain	Site, package, year, product type, cameras for package and map support - per site under domain.

Information visible for a site	• Package
	• License summaries for the following:
	  ○ Cameras
	  ○ Servers
	  ○ Licenses per server (Only available in debug mode)