



CathexisVision Mobile 4

White Paper

Contents

1. Introduction.....	3
1.1 Resources.....	3
1.2 Requirements and Specifications	3
1.2.1 Supported Mobile Devices	3
1.2.2 Software Version	4
1.2.3 Ports to Open.....	4
1.2.4 License Requirements	4
2. Features and Abilities: Mobile App	5
2.1 General	5
2.2 Home Screen, Panel Content, and Navigation	6
2.3 Menus	8
3. Conclusion	10

While Cathesis 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.

1. Introduction

This document indicates the features/abilities of CathexisVision Mobile 4.

- CathexisVision Mobile allows users to access CathexisVision 2022.1 or later.
- CathexisVision Mobile is the recommended mobile option for CathexisVision users.
- CathexisVision Mobile 4 can be used to access Enterprise, MultiSite and site accounts.

With CathexisVision Mobile 4, operators can utilise most of the latest features of the CathexisVision software. This includes:

- Site, Enterprise, and MultiSite connections
- Live and Review mode tools
- Access to single or multiple cameras across a number of sites (connection depending)
- Control of PTZ cameras
- Adjacent camera mapping
- Motion and Snap search
- Send camera views to a remote control room or site monitor
- View maps
- Customisable notifications using available resources
- Push notifications
- Exporting a snapshot or video clip
- Enable overlays
- Create bookmarks
- Access global layouts

1.1 Resources

For detailed instructions about the new CathexisVision mobile app, see the following, available on the Cathexis website (<http://cathexisvideo.com/>):

- ***CathexisVision Mobile 4 App-note***
- ***CathexisVision Mobile 4 Quick Guide (Mobile Version)***

1.2 Requirements and Specifications

1.2.1 Supported Mobile Devices

The CathexisVision Mobile app is available for Android and iOS. The user interface for the two systems is similar.

- Android: 8.0 and up.
- iPhone: Requires iOS 13.7 or later.
- iPad: Requires iPad iOS 13.7 or later.

1.2.2 Software Version

- CathesisVision 2022.1 and later.

1.2.3 Ports to Open

For direct site connections, the Carbon GUI and CathesisVision mobile app need the following ports to be open to the NVR site: TCP 30010 to 30100.

For a “port forward” connection, this setting must be selected and port 30011 has to be open to the site.

1.2.4 License Requirements

License	Name	Description
None	CathesisVision Mobile	Local sites must be licensed as per existing requirements.

2. Features and Abilities: Mobile App

2.1 General

CathesisVision Mobile 4 provides access to the CathesisVision VMS for versions 2022 and later.

General	<ul style="list-style-type: none"> • Languages can be changed from the phone settings. (English, German or Russian) • Choose an account type when adding a new connection. • Choose a connection type when adding a new site. 	
Settings	Add Accounts	<ul style="list-style-type: none"> • Site <ul style="list-style-type: none"> - Standard - Ports: TCP 30010 to 30100 - Discovery - Ports: TCP 30010 to 30100 - Port forward: Port: 30011 • MultiSite • Enterprise
	General Settings	<ul style="list-style-type: none"> • Video fill mode • Enable/disable Smooth scaling • Scale mode • Enable/disable Auto hide overlay • Enable/disable Keep screen on • Maximum panels • Maximum tabs • Notification open mode
	Notifications	<ul style="list-style-type: none"> • Add/remove/edit notifications • Enable/disable Push notifications • Configure notification alert settings • Configure notification viewer settings

2.2 Home Screen, Panel Content, and Navigation

The Home Screen is where cameras can be viewed, reviewed, searched, and archived. Maps can also be added to a panel.

		Features/Abilities
General		<ul style="list-style-type: none"> • The overlay bars can be shown or hidden by tapping a panel with active content for all content types except for maps. • The list below shows all possible features, but not all of these will be available on every camera e.g., PTZ overlays, audio, and motion graph. • Notifications and Push Notifications: <ul style="list-style-type: none"> ○ Note: For notifications from a site, log in to the site with the Carbon desktop UI as an administrator. Configure the push notifications in the Configuration tab under Home / Settings. ○ For Enterprise/MultiSite notifications, support needs to be enabled on the server by Cathexis directly. Please contact Cathexis for assistance at support@cat.co.za. • The motion graph on the timeline is only available when configured on the CathexisVision client/server. • Maps cannot be created on the mobile app.
Icons and tools	Basic home screen	<ul style="list-style-type: none"> • Choose (add) content • Main menu • Templates • Open a saved layout • Clear panels • Open a new tab • Rearrange camera view • Notifications
	Tab icons	<ul style="list-style-type: none"> • Total number of open tabs • Close a tab • View an Open tab • Open a new tab • Close all
Panel content	Choose (add) content options	<ul style="list-style-type: none"> • Cameras • Maps • Auto monitor • Bookmarks

		<ul style="list-style-type: none"> • Recent
	Single tap: more controls	<ul style="list-style-type: none"> • Timeline in review mode (with motion graph) • Camera name (opens “Choose content” menu) • Time/date (opens calendar search tool) • Close camera • Switch to live/review mode • Enlarge (full screen)/reduce
	Swipe left: overlays and controls	<ul style="list-style-type: none"> • Adjacent cameras • PTZ control on a PTZ camera In review mode only: <ul style="list-style-type: none"> • Playback controls • Audio on/off • Quick motion search tool
Maps	Map objects	<ul style="list-style-type: none"> • Camera • PTZ Camera • Fisheye Camera • Map/level • Input • Output
	Control an output	<ul style="list-style-type: none"> • Switch on • Switch off • Pulse • Toggle
	Auto monitor	<ul style="list-style-type: none"> • Toggle small/large panels • Place a camera in another panel • Lock • Unlock • Ignore (exclude) • Enlarge • Clock (remaining time)
Playback controls (review mode)	Home screen controls	<ul style="list-style-type: none"> • Skip back 10 seconds • Skip forward 10 seconds • Play backward • Play forward • Pause
	Quick motion search controls	<ul style="list-style-type: none"> • Previous motion • Next motion • Play backwards

		<ul style="list-style-type: none"> • Play forwards
	Notification Playback/Event Controls	<ul style="list-style-type: none"> • Go to start of event • Skip back 10 seconds • Skip forward 10 seconds • Play backward • Play forward • Pause • Swipe for quick motion search controls

2.3 Menus

		Features/Abilities
General		<ul style="list-style-type: none"> • This section displays the contents of the menus once opened. • The main menu, choose content menu, and layout options are accessed using the icons on the home screen. • Using a long hold on a camera view opens up additional (context) menus. Live and review menus offer different features.
From home screen	Main menu	<ul style="list-style-type: none"> • Settings • Full screen • Save layout • Add full bookmark • Bookmarks • Inputs/output • Sign out • Exit
	Select a layout	<ul style="list-style-type: none"> • My layouts • Global layouts • Auto layout
Long hold/context menus	Live mode additional menu	<ul style="list-style-type: none"> • Grab snapshot • Overlays • PTZ presets • Video format • Dewarp mode • Send to monitor • Connection logs

	<p>Review mode additional menu</p>	<ul style="list-style-type: none">• Go to start• Go to end• Add bookmark• Export• Overlays• Bookmarks• Video quality• Dewarp mode• Send to monitor• Snap search
--	---	--

3. Conclusion

Note: This white paper was designed to provide a brief overview of the features of the CathesisVision mobile app.

For more information about CathesisVision products, please consult the material available on the website. (<https://cathesisvideo.com/>).

For detailed instructions about the new mobile app, see ***CathesisVision Mobile 4 App-note***.

For support, email support@cathesisvideo.com.