



Tasicca Cell Call/ Affray Alarm System Integration App-note

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1. Introduction

The document provides instructions for the integration the Tasicca (Design International) solution with CathexisVision.

Functionally this integration allows the triggering of CathexisVision Events, based on alarms received from the Tasicca Cell call/Affray alarm system via an Ethernet connection from the device. All device objects may be linked to cameras, allowing associated footage to be databased according to the configuration of CathexisVision events and alarms, which trigger on information received from the device.

Note:

1. For information regarding the regular operation of a Tasicca device, please consult the manufacturer's documentation.
2. There is a General Integration section in the main *CathexisVision Setup Manual*. It contains information about creating an integration database, as well as a general introduction to the Integration Panel. **Read this section.**

1.1 Requirements

1.1.1 General Requirements

CathexisVision 2015 and later.

1.1.2 Licensing Requirements

The CathexisVision Tasicca CCTV integration license requirements are as follows:

License No.	Name	License Description
CDEV-2000	Tasicca CCTV device	This license is the "base" license to integrate with the CCTV system. It is applied to the server to which the CCTV device is connected. It will allow for the connection of a single integration device.

Note: In this integration, individual devices will require a license for each device.

1.2 Integration Components

All CathexisVision integrations have two component levels: **Device** and **Object**.

Device	The device is CathexisVision software's interface, which handles all the interaction between CathexisVision and the integrated hardware. When an integration is added to the CathexisVision system, a device is added. The messages received from the device are called Device Events.
Objects	Objects are the individual pieces of hardware that comprise the integration. There may be multiple "object types" under the objects group. For example, the main controller and door nodes of an access control system are both objects. They are different types of objects.

1.3 Features and Abilities

CathesisVision receives event messages from the Tasicca CCTV device which can be used to trigger a CathesisVision system event.

1.3.1 Device Objects

Tasicca objects are all represented under the Item object type.

Object Type		Features/Abilities
General		<ul style="list-style-type: none"> This integration has Item object type. Device objects cannot be commanded as an action of a CathesisVision system event. Device objects can be commanded as an action of a CathesisVision system event. Events on the software can be used to trigger CathesisVision system and map events. Objects may be linked to cameras to associate device events with video footage.
Item	Object Properties	<ul style="list-style-type: none"> Name Last Command Source

1.3.2 Device Events

The CathesisVision Tasicca CCTV integration generates Device events, which are triggered on the device and reflected in CathesisVision.

Event Element		Features/Abilities
General		<ul style="list-style-type: none"> Events triggered on the device are sent to CathesisVision. Event types are: Commands, Notes, and Problems. Events generated from the device can be configured to trigger system actions and notifications.
Device Event Types	Commands	<ul style="list-style-type: none"> Item ID Command* Additional Info Time <p>* This is likely to be the most useful message for use as an event trigger.</p>
	Notes	<ul style="list-style-type: none"> Description
	Problems	<ul style="list-style-type: none"> Heartbeat Timeout

1.3.3 Metadatabase

A unique metadatabase is created on the CathesisVision server for this integration. It is fully searchable, with configurable filters based on device event information (as above), and time stamping. The filtered event/s, and the associated video, will then be available for review in a new window from which an archive can be created and exported.

Database Element	Features/Abilities
General	<ul style="list-style-type: none"> • All device events are databased. • Database entries include the footage from cameras linked to device objects. • Multiple cameras may be linked to multiple objects. • Device event metadata is displayed where applicable. • Databased device events may be viewed in the embedded video player, which includes the usual CathesisVision video review tools.
View Options	<ul style="list-style-type: none"> • Standard
Sort Options	<ul style="list-style-type: none"> • Time • Item • Command • Additional Info
Easy Search	<ul style="list-style-type: none"> • Item • Command • Additional Info
Filter	<ul style="list-style-type: none"> • Time • Item • Command • Additional Info
Export	Database entries may be exported in CSV and PDF format.

A NOTE ON CAMERA CHANNELS

The CathesisVision software packages have **limits on camera channels**. A multi-sensor camera is physically a single device (camera) but it **requires a camera channel for each one of the internal cameras**. The same applies to an encoder: a 16-channel encoder will account for 16 camera channels on the CathesisVision software, even though it is a single device. Even when a camera or device only uses a single IP license, the camera channel limit will still apply.

USEFUL LINKS

To view **tutorial videos** on CathesisVision setup, visit <https://cathesisvideo.com/resources/videos>

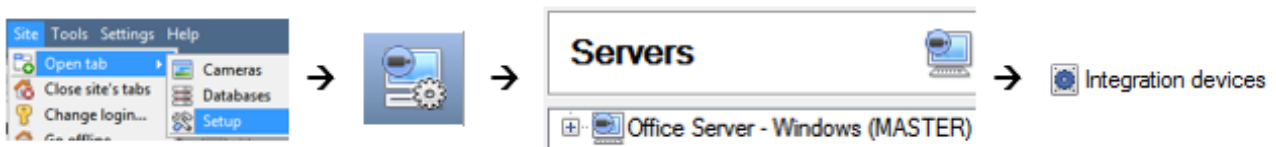
Find answers to Cathesis **Frequently Asked Questions**: <https://cathesis.crisp.help/en/?1557129162258>

2. Device Addition

Integrations are added on a server-by-server basis. They are managed in the Integration Devices panel, under the **Setup Tab** of the servers to which they are added.

2.1 The Integration Devices Panel

To get to the Integration Panel, follow this path: **Site / Open tab / Setup / Configuration icon / Server / Integration devices**.



There are two sections in the Integration Panel:

- The **Devices** list shows the integration devices attached to the integration database.
- The **Configuration** section enables editing/reviewing the device selected in the **Devices** section.

Name	Driver
[Redacted]	POS
[Redacted]	POS

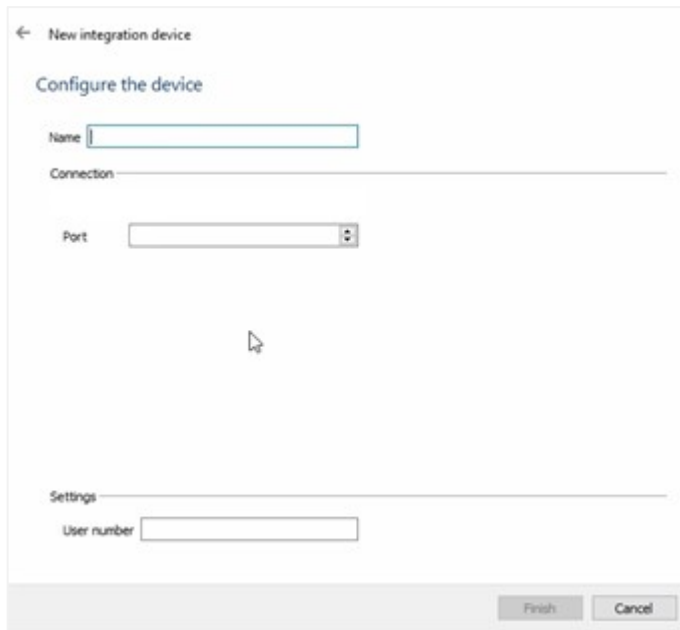
Type	ID	Name	Cameras	Groups	License
Communication channel	__default__	Default			

2.1 Add a New Device

- New device** → In the Integration Panel, navigate to the **Devices** section.
- Click on the **New device** button on the right-hand side. This will open the addition dialogue.



→ Select the **Tasicca** driver from the drop-down list and click **Next**.



→ Give the device a descriptive **name**.

→ Set the **UDP listening port** to match the port that the Tasicca device is sending its information on.

→ Click **Finish**.

2.3 Select Device

The newly added device will show in the Devices section.



Click on the device name to select it.

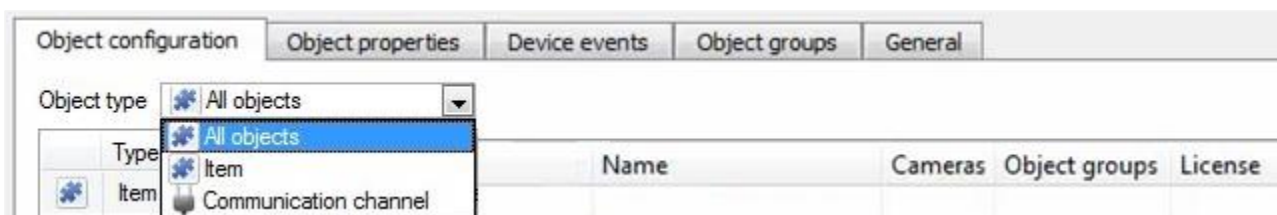
3. Configuration Section (Tabs)

The configuration section is divided into five main tabs. These tabs are: **Object configuration**, **Object properties**, **Device events**, **Groups**, and **General**.

3.1 Object Configuration Tab

The object configuration tab is the tab where all the individual objects that comprise the integration may be viewed.

The Tasicca integration has two object types: **Item** and **Communication channel**.



3.1.1 Object Configuration Buttons

	New will add a new object by clicking on New.
	Edit will open up an existing object for editing.
	Delete is used to delete an existing object from the CathesisVision configuration.

Note: Deleting an object will also delete all recordings or metadata associated with it. If you do not want to do this, rather disable it.

3.1.2 Object Configuration Right-click Options

	New will open the dialogue to add a new object.
	Disable/Enable allows objects to be enabled/disabled manually.
	Prioritise license allows the user to give specific objects priority when licenses are applied. This is useful if there are fewer licenses than objects.
	Delete will permanently remove this object from the list.
	Properties will open up the object editing window.

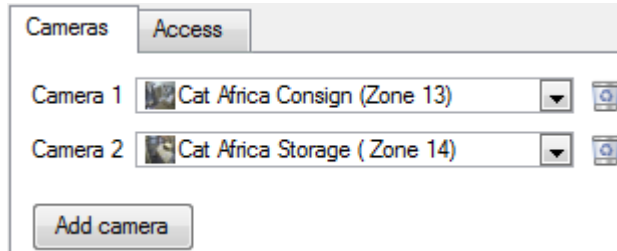
3.1.3 Edit Object

Open the object editing window by selecting an object from the list, and **right-clicking Properties**.

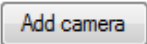
This window is where cameras are added to objects, overlays are configured, and access rights to the integration are added. These are dealt with in two tabs: **Cameras** and **Access**.


3.1.3.1 Properties: Cameras


Adding a camera to an object will mean that whenever there is an event on that object, the recording from that camera will be related to the time and date of the object event, in the Integration database.



Note: Only the camera set as **Camera 1** will be associated in the Integration Database. Other cameras will be used as “trigger Cameras” in the **Events** setup.

 To **add** a camera, click Add camera, and select the relevant model from the drop-down menu.

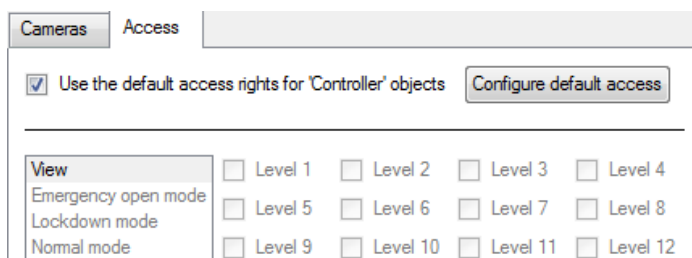
 To **delete** a camera, click the trash icon.

 To edit individual **overlays**, click the spanner icon. See instructions below.

Note: If **continuous recording is not** set up on associated cameras, there is the risk of an object event triggering while the cameras are not recording. To record cameras only when an object triggers, set up **Events** that trigger a recording, when one of these objects is activated.

3.1.3.2 Properties: Access

Access can be used to protect sensitive objects, by allowing only certain user levels access to them.



There will be a list of objects, for which access level may be set.

Note: If **Use default access rights** is checked, make sure that those default rights have been correctly defined. Click on **Configure default access** to do this.

3.2 Object Properties Tab

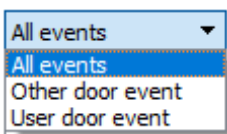
The Object properties tab allows objects to be viewed and sorted by type. In the case of the Tasicca CCTV system, there is the option of viewing by **Item** and **Communication channel**.

Object configuration				
Object properties				
Device events				
Object groups				
General				
Object type Object				
Name	Object type	Device id	Object type id	Object instance
Your Name Here	Analog input	14	0	0
Mynotification class	Notification classe	14	15	0
Test14	Device	14	8	14

3.3 Device Events Tab

The Device events tab lists real-time events happening on this device. Installers can ensure that the integration is functioning and monitor the Events happening on site.

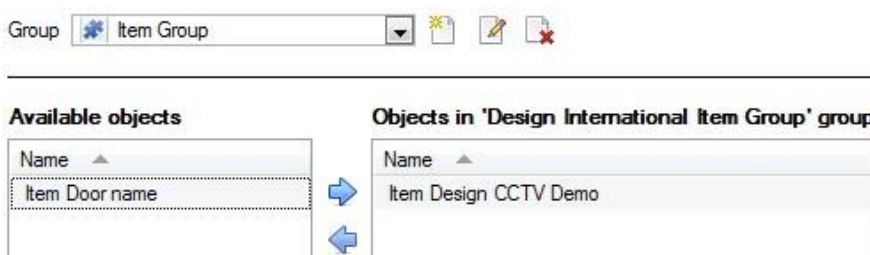
Return to CathesisVision and navigate to the Integration Panel. Open the Device events tab.



- Events may be viewed by type.
- Use the drop-down menu to sort events.

3.4 Object Groups Tab

Groups of the *same* type of object may be created.



Tip: This is useful when setting up events, because events can be triggered by an object group. (E.g., a group will trigger an event if any of the doors in that group are triggered.)

3.4.1 Create a Group


→ To **create** a group, click on this icon.
A new dialogue box will open.




→ Give the group a descriptive **Group name**.

→ Click on the drop-down menu to select the **object type** to group.

Note: Once a group has been created, the object type of the group may not be edited.

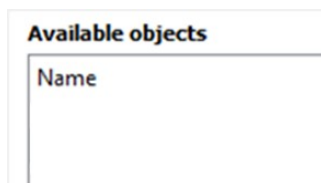
 To **edit** a group, click on this icon.

 To **delete** a group, click on this icon.

The next step is to add individual objects to the group.

3.4.2 Add or Remove Objects

After creating a group, a list of all the available objects for that group will be displayed in the **Available objects** panel, on the left-hand side. Objects can then be chosen from this list and added to the group.

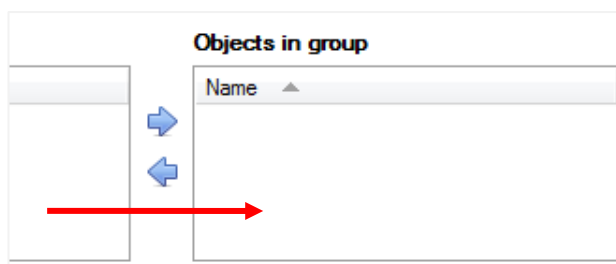


To **add** these objects to the group, select them from the list, and **click on the right arrow**.



To **remove** these objects from the group, select them and **click on the left arrow**.

Note: Multiple objects may be selected at a time.



Once individual objects have been added to the group using the arrows (above), they will appear in the section on the right-hand side.

The object group information will also reflect in **Object groups** column the Objection configuration tab.

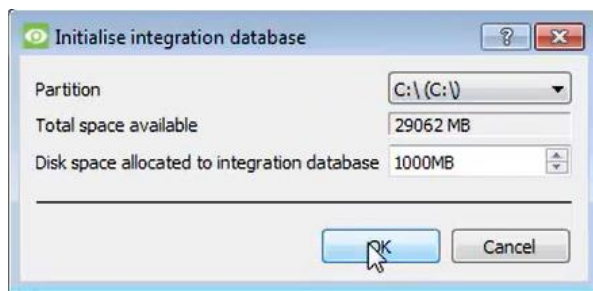
3.5 General Tab

The General tab of the Configuration section (Integration panel) deals with the integration database. Setup must be completed here, before the Databases tab can be used to search events and view associated footage. From the General tab, the user must:

- *Select* an existing database, or
- Configure a *new* database.

Note: Each integrated device needs to be attached to an integration database. Without setting up/adding a database here, the integration will not function properly within the CathexisVision system.

3.5.1 Configure a New Database



- Choose the **partition** on which the database will be created.
- Select **disk space** allocation.
- Click **OK**.

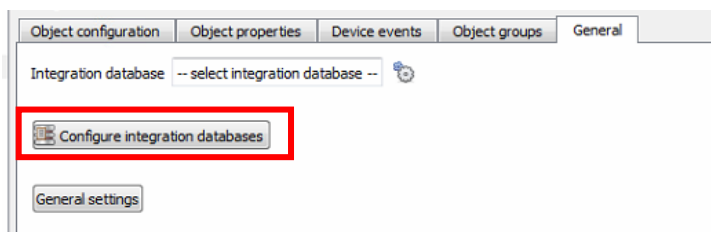
Note: Each integrated device needs to be attached to an integration database. Without setting up/adding a database here, the integration will not function properly within the CathesisVision system.

3.5.1 Configure a New Database

- The first time an integration database is added, the general integration database will need to be *initialised*.
- Once the general integration database has been initialised, then a database for a *specific integration* can be created.

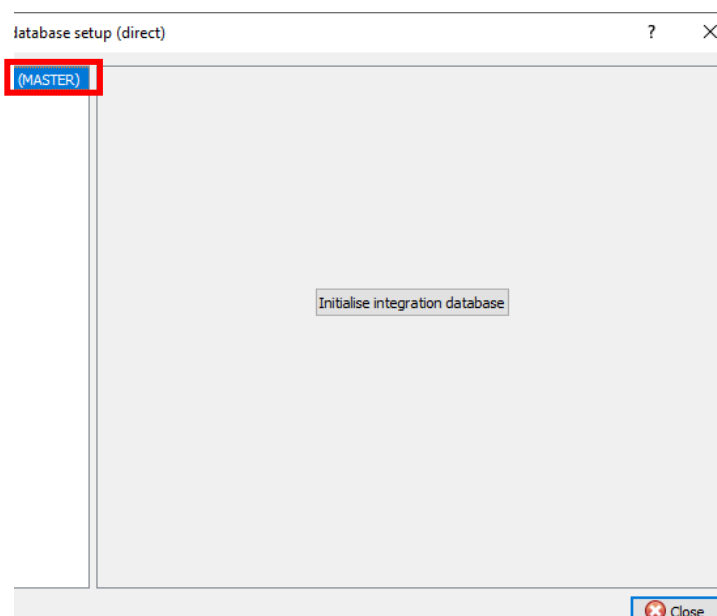
3.5.1.1 Initialise the Integration Database

If an integration database has not yet been created, follow the steps below.

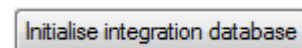


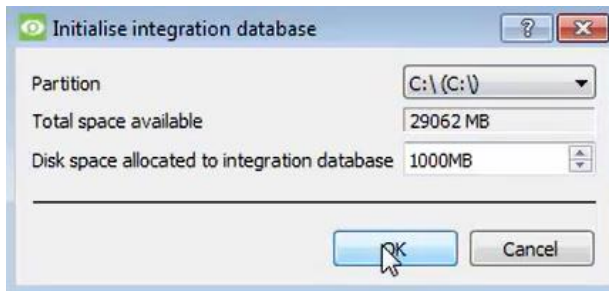
- Click the **Configure integration databases** button from the General tab.

This opens the Integration database setup window.



- **Select the unit** to which the database will be added, from the list on the left.
- Then, click **Initialise integration database**.

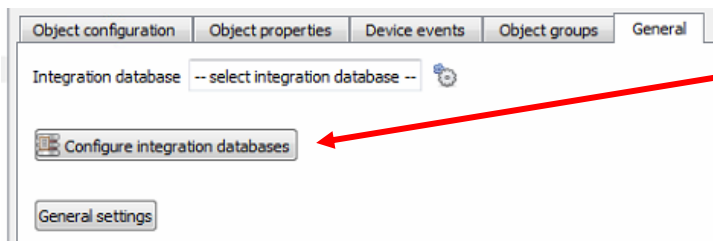




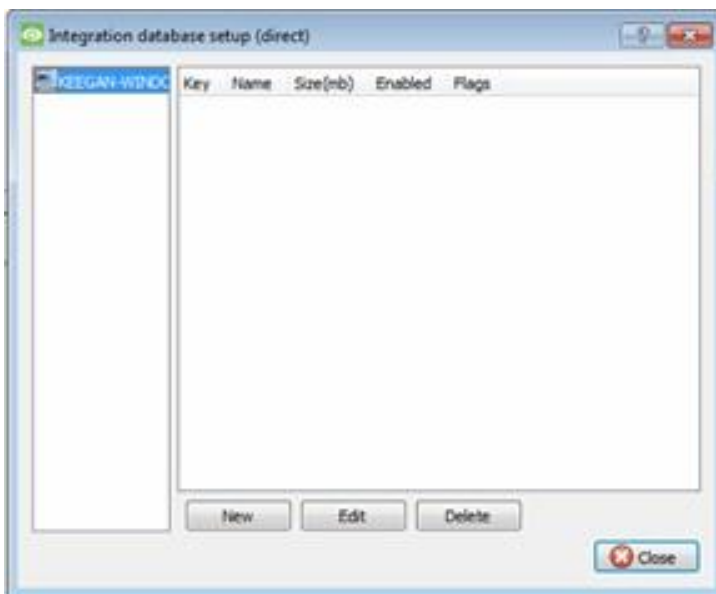
- Choose the **partition** on which the database will be created.
- Select **disk space** allocation.
- Click **OK**.

3.5.1.2 Add a New Devices Database

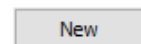
After initialisation, the database can be added to the integration.



- To add a new database, click the **Configure integration databases** button from the General tab.

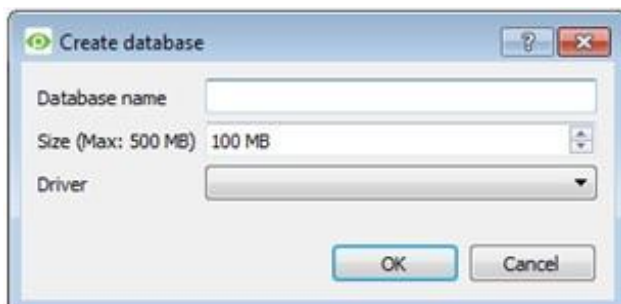


This opens the integration database setup window.

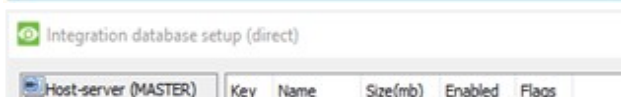


- Click the **New** button.

A dialogue will appear for creating the integration database.



- Give the database a descriptive **Database Name**.
- Select the **Size** of the new database.
- Select the **relevant** driver from the drop-down list.
- Click **OK** to create the database.

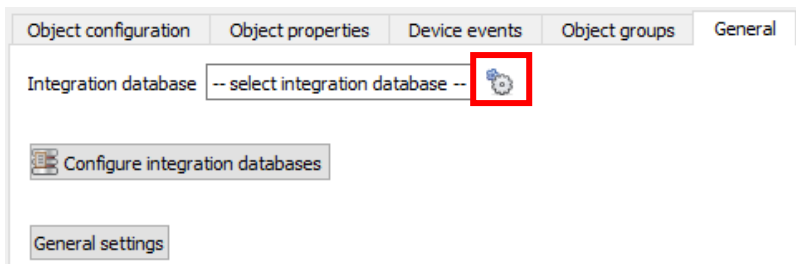


The newly created database will appear in the Integration database setup panel.



→ Click **Close** to return to the General tab.

3.5.2 Select the Tasicca Integration Database

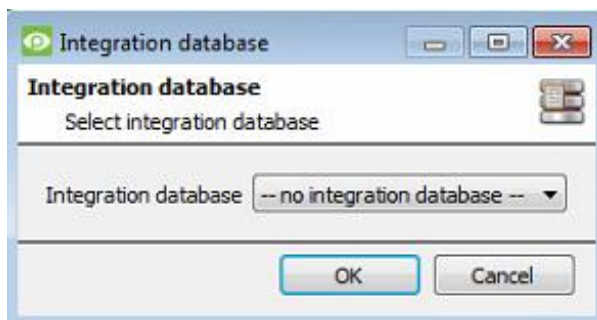


→ Navigate to the General tab.



→ Then, click the **settings icon**.

A dialogue will appear. Only databases which relate to the device being added should appear.



→ **Select the Tasicca database** from the drop-down menu.

→ Then click **OK**.

Once selected, the database will reflect in the General Tab.

Note: The information on setting up an integration database may be found in the **Integration Devices General Settings** section of the *CathesisVision Setup Manual*.

4. Events

A CathesisVision event has a trigger, which causes an action. Set integrated devices to act as triggers, or as actions. This document describes the **Tasicca** specific aspects of Events. There is a comprehensive guide to CathesisVision Events in the main setup manual.

Most of the data that CathesisVision receives from a device is presented in the Events interface. This gives the user a full range of options. As a result, some of the options presented in the interface may be *impractical* as an event trigger, or action.

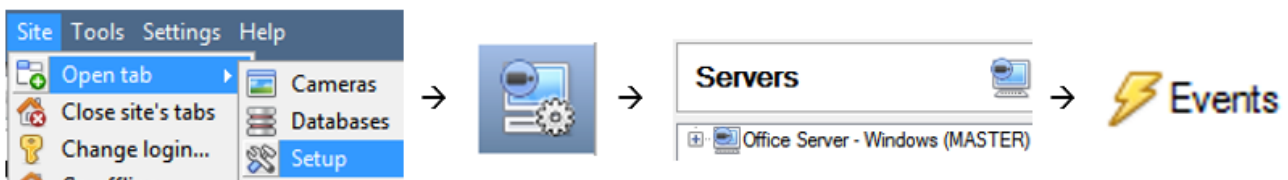
4.1 Event Window

Events in CathesisVision are set up via the Event Window, which has four tabs.

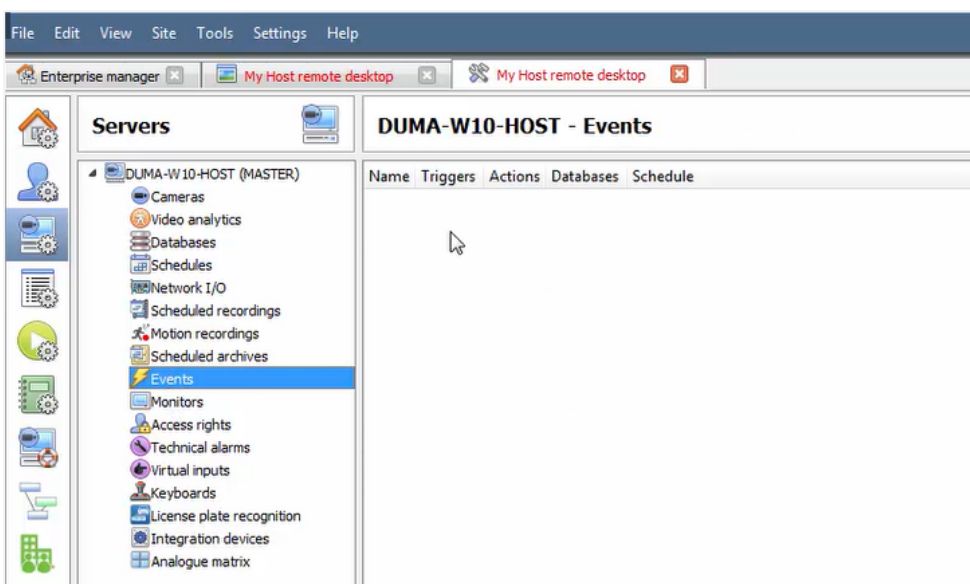
- In the **General Tab**, an event is given a name, description, schedule, and priority.
- In the **Triggers Tab** the trigger/s for the event is defined.
- In the **Actions Tab** the action/s which the event takes, is defined.
- In the **Resources Tab** the various site resources which can be used as part of an event are defined.

4.2 Creating an Event

To create an event using the Tasicca CCTV system, navigate to the Events management area by following the sequence: **Open Tab / Setup / Servers / Master Server / Events**. This is shown below.



This will allow the user to enter the Events management area:



Once in Events management area, click the **New** icon at the bottom of the screen. Alternatively, right-click and select **New**.

This will open up the **New Event window**.

The new event window has four tabs which can be used to set up the event: General, Triggers, Actions, and Resources.

4.3 General Tab

Create a new event under the General tab by filling in the fields.

→ Give the event a descriptive **Name**.

→ Set up a **Schedule** if desired by clicking the icon.

→ Select a **Priority**.

→ A description may be entered. Modify the **Description** if relevant according to the instructions below.

Note for group triggers: To database this event under the name of a specific object, and not the name of the triggering group, modify the Description field in the **General tab** of the Event setup.

Click on the question mark icon to see a list of available descriptions and instructions for how to enter these descriptions.

Example usage: `value=$input_name`

In this example, replace 'value' with the name the event should be databased under.

4.4 Triggers Tab

A trigger is a user-defined input, for example, the user may choose to define the trigger as a door opening on an access control system.

Once the user defines the *trigger*, it can be used to cause a subsequent *action*.

4.4.1. Setting the Device as the Trigger

For a new event, the trigger type will default to "standard triggers". The user will need to change this to the Tasicca system.



→ To change the event trigger, **click on “standard triggers”** (the hyperlink after the word “Use”).

This will open a drop-down menu with more options.

→ To set the **Tasicca** device as the trigger, **select the relevant device name** from the drop-down menu.

4.4.2 Trigger Types (Trigger Using)

It is useful to think of this as a **master trigger type**.



→ **Click on the hyperlink** after the words “Trigger using”.

This will open a drop-down menu.

→ **Click an option** from the menu to select.

See the table below for descriptions of the options on the drop-down menu.

MENU OPTION	DESCRIPTION OF TRIGGER TYPE
Any device event	This will trigger, initially, when any event occurs on the integration.
Any [Item]	This will trigger if anything happens on <i>any</i> of the installed Tasicca items.
Any items in group	This will trigger if anything happens on Items in any created groups.
Specific [item]	This will trigger if anything happens on any <i>individual</i> Tasicca items.
Communications channels	This will trigger any event based on communication channel messages.

Note: If object groups have been created, the option to trigger using specific/any group will appear here.

4.4.3 While/When and Any/All

The third row of hyperlinks further specifies when the event triggers. The user will choose to trigger either based on a *device event* occurring or based on an *object property*.



To change these settings, click on the blue hyperlinks in the *third* row as shown in the image on the left.

The user can choose the option to:

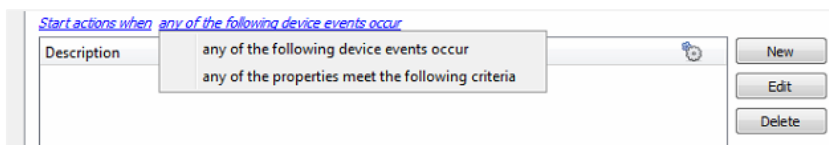
- **start actions when** any of the properties meet user-configured *criteria*, or any user-configured *device events* occur, or
- **perform actions while** any/all of the properties meet user-configured *criteria*.

Start actions when	any of the following device events occur any of the properties meet the following criteria
Perform actions while	any of the properties meet the following criteria all of the properties meet the following criteria

4.4.4 Define the Trigger (“Any Device Event” Option)

After using the hyperlinks to set up how the trigger will be defined, the user may proceed to creating a new *device* event.

One of these options is to select *any of the following device events occur*.



Pictured alongside is the **Triggers** tab where a user selects *any of the following device events occur*.

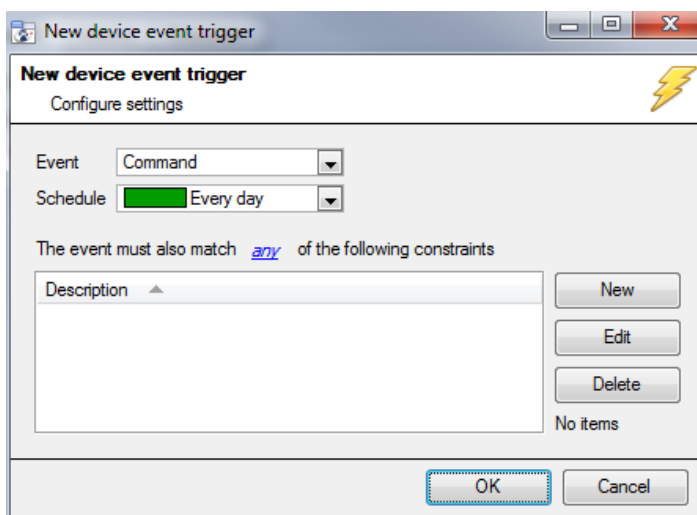


Click on **New** in the Triggers tab.

Clicking on New will bring up the **New device event trigger** dialogue box.

4.4.4.1 New Device Event Trigger

The user will then need to configure the new device event trigger.



→ Select the **type of Event** where applicable.

→ Choose a **schedule**.

→ Choose whether *any*, or *all* constraints need to be fulfilled to set off a trigger.

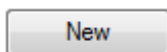
→ Use the **new/edit/delete** buttons on the right-hand side to add a device event rule (a constraint). Follow the instructions below.

There are three types of **Event** under the any event trigger. There are *Command*, *Note*, and *Problem*. *Command*, and *Note* are default message types that are sent by the Tasicca Device.

- Command:** A default message type sent by the Tasicca Device.
- Note:** A default message type sent by the Tasicca Device which sends text notes. Required input is an exact text string, which is standard for the Tasicca device.
- Problem:** CathexisVision Event for issues between the integrated device and CathexisVision. The only Type available here will be **Heartbeat timeout**. CathexisVision monitors these heartbeats and define an average interval. If this average interval is broken, the event will trigger.

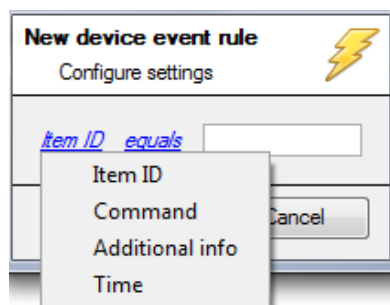
4.4.4.2 New Device Event Rule

Note: From within the **New device event trigger** window (above), it is necessary to set further constraints. Multiple constraints can be set. If constraints are not defined, every device event will trigger this event.



To configure a New device event rule, **click on New** in the New device event trigger window.

This will bring up a further window, called **New device event rule**.



→ Change the constraint by **clicking** on the **first hyperlink** (which is “Item ID” in this example).

This will bring up the full list of available constraints.

→ **Click** a constraint to select it.

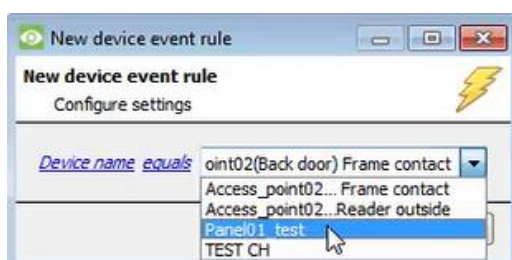
→ To modify the way this constraint will be treated, **click** on the **second hyperlink** (which is “equals” in the example). This will display further options.

→ Click an option to select.

Follow the instructions below to define the constraint.

Defining a Constraint: Drop-Down Menu or Written Description

When all available options are known to CathexisVision, a drop-down menu will appear alongside the chosen constraint.



→ **Click an item** from the drop-down menu to select.

If the variables for a constraint are *not* pre-defined, fill them in manually.

4.4.5 Define the Trigger (“Properties Meeting Criteria” Option)

If the user has defined the trigger by choosing according to *properties meeting criteria*, the **New object property trigger** dialogue box will open.

- In these instances, further constraints do not need be set, since they are being added one at a time.
- This option is better if a few triggers have been selected.
- This is also true for groups, since a group may only be made up of one object type.

An Item is any Tasicca device node, such an intercom, or alarm device. You may define triggers based on these Items. Once selected, the *New object property trigger* dialogue box will open.

4.4.5.1 New Object Property Trigger: Configure Settings

- **Select the event type** by clicking the first hyperlink.
- **Further define** the rule by clicking the second hyperlink.
- Select the **Schedule**.
- Set the desired **Hold time**.

Defining a Constraint: Drop-Down Menu or Written Description

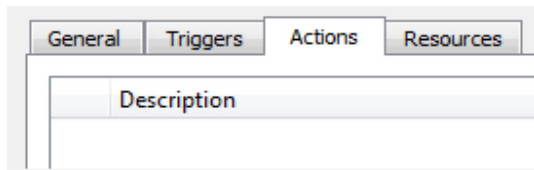
When all available options are known to CathexisVision, a drop-down menu will appear alongside the chosen constraint.

- If the variables are pre-defined, **Select an item** from the drop-down menu.

- If the variables are *not* pre-defined, fill them in **manually**.

Note: Descriptions are *case sensitive* and must be identical to how they appear in the Object Properties tab.

4.5 Actions Tab



Having defined the triggers that will initiate an event, the user will need to define Actions.

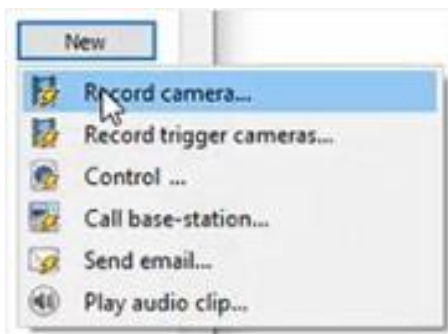
Select the **Actions tab** from the **New event** window.

One of the available actions will be to *control* a **Tasicca** device.

4.5.1 Adding and Action



→ To add an action, click New in the Actions tab.

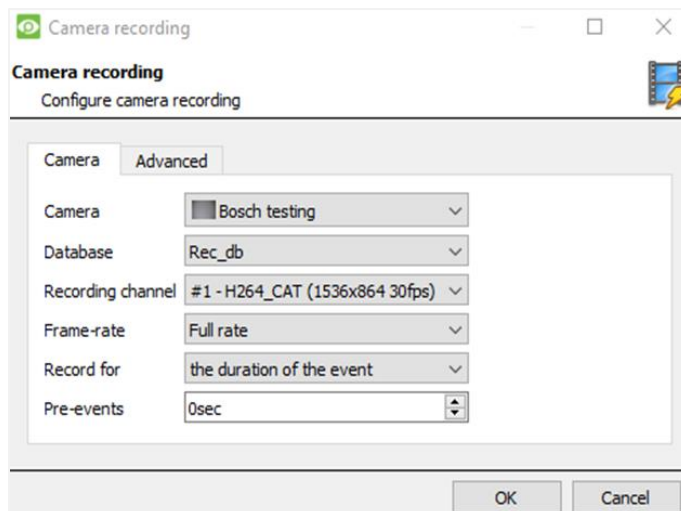


A list of **available actions** will appear. The drop-down contains all the available **action types**.

→ **Select an option**, for example, Record Camera.

4.5.1.1 Actions: Record Camera

If the user has selected a new action to record camera, the following setup steps are required:



Click the drop-down menus to see more options and click to select the appropriate option.

- Choose the **camera** appropriate for the event.
- Choose the **database** to which the video recordings will be saved.
- Edit **Recording channel**, **frame rate**, and **recording duration** if necessary.
- Next to **pre-events**, increase the amount of time when recording begins before the event.
- Click **OK**.

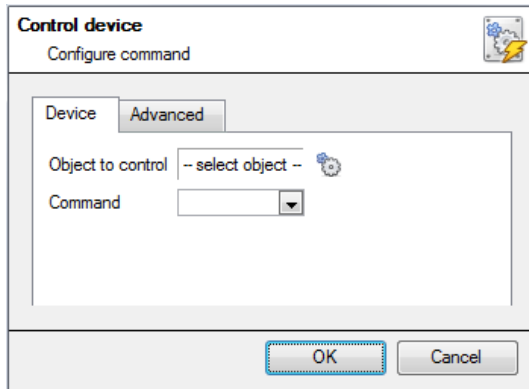
4.5.1.2 Actions: Control Device

Click a Control device option to bring up the **control device** dialogue.

Under the **Device** tab, the user defines how the device will be controlled.

Under the **Advanced** tab, the scheduling of the action is defined.

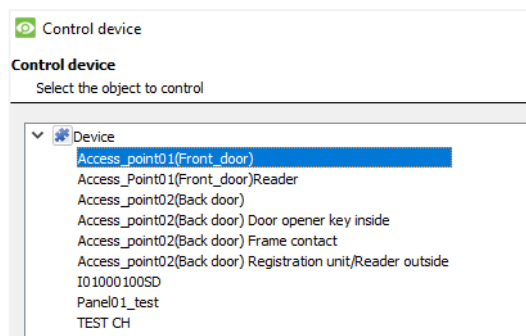
Configure Command Window: Device Tab



→ To select an **Object**, click on the **settings icon**.

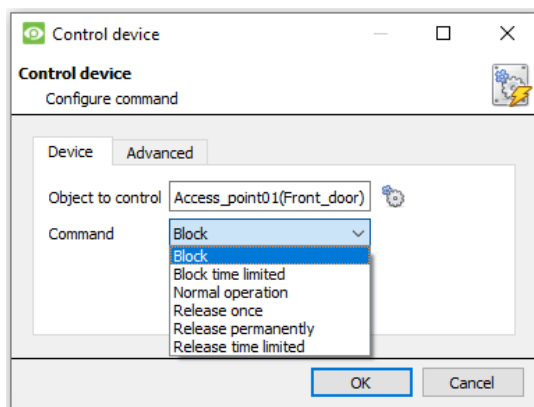
This shows all the Objects available on the **Tasicca** integration.

Note: If a selected object has no available actions/commands the command menu will be empty.



→ Under the object type parent group (Device), **select the individual objects** to control.

→ Click **OK**.



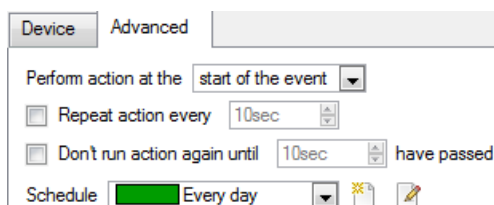
→ The **command** drop-down will change to represent the commands available to that Object.

→ Select the object to be commanded.

→ Click **OK**.

Note: Only global actions can be taken here. Global actions only apply to **controllers**. As such *communication channels* or *end nodes* cannot be controlled as part of an event action. Selecting one of these objects will result in no options in the *Command* menu.

Configure Command Window: Advanced Tab

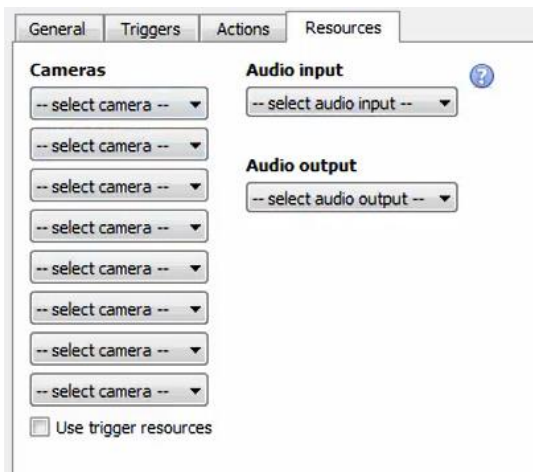


→ Choose to **perform action**: either **at the start** of the event, or once the event triggers have subsided.

The two checkboxes allow the user to set the action to repeat every few seconds, and/or not run for a period after it has triggered.

→ **Select a schedule**. This is a standard Cathexis schedule, which may be applied to the actions.

4.6 Resources Tab



In the Resources tab, users can select the cameras, audio input, and audio output to be used.

The default is to select “Use trigger resources.”

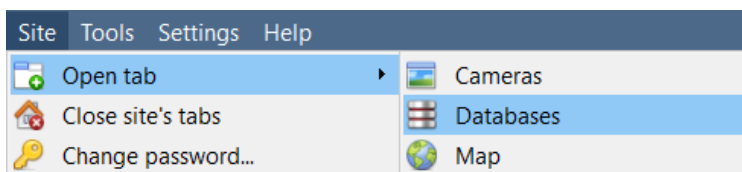
5. Database

The Databases tab allows the user to navigate to the databased entries for each individual database. In the Databases tab, each database is presented as a table. It has built in filters, and the ability to navigate by timestamp. If a database entry has an associated recording, this recording can be launched from within the Databases tab.

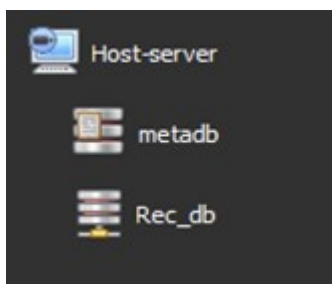
Most integrations will have a different database presentation, and unique filters, due to the different parameters sent to CathexisVision by the integrated device.

5.1 Navigate to the Database

To view information stored in the Integration, , first navigate to the Databases Tab:



→ **Follow the path** on the left:
Site / Open tab / Databases.



→ **Select the Tasicca** integration database from the database panel that opens on the left-hand side.


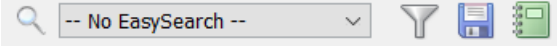
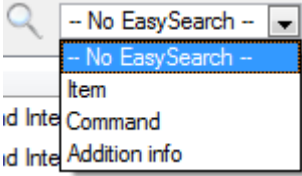




The databases are ordered under the NVRs to which they are attached.

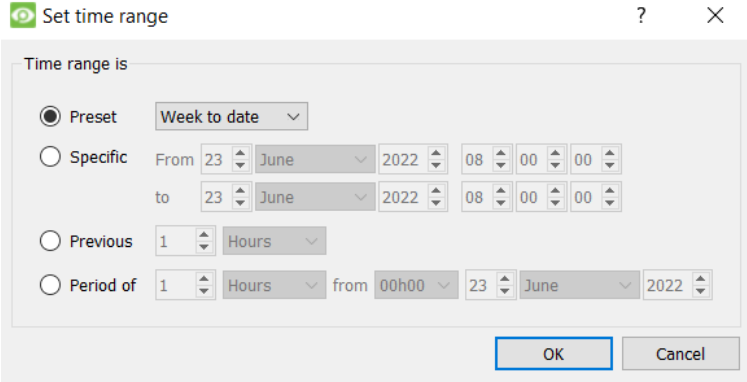

Below is an image of a database.

Time	Log type	Device address	Device name	Text
2022-11-08 12:37:19	Access	I0100010002RU	Access_point02(Back door) Registration unit/Reader outside	Access authorised
2022-11-08 12:37:20	Alarm	I0100010003BI	Access_point02(Back door) Frame contact	Short circuit of contact
2022-11-08 12:37:20	Access	I0100010002RU	Access_point02(Back door) Registration unit/Reader outside	Passage completed
2022-11-08 12:42:49	Alarm	I0100010003BI	Access_point02(Back door) Frame contact	Interruption of contact
2022-11-08 12:42:49	Alarm	I0100010003BI	Access_point02(Back door) Frame contact	Short circuit of contact

5.2 Database Interface




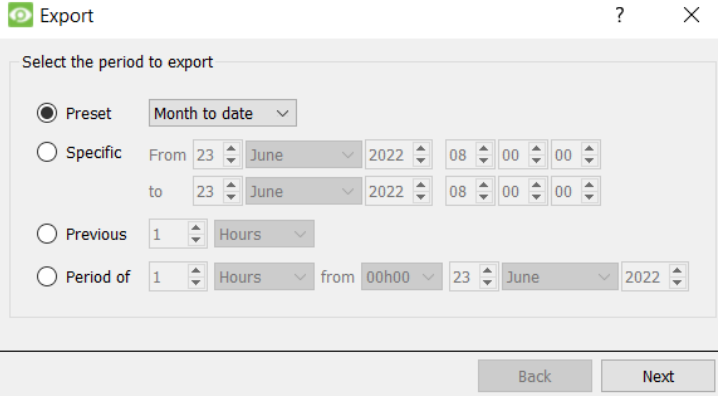
<p style="text-align: center;">1</p> <p>View</p>	<p>Change the way that the database is presented. Some integration databases have multiple view options.</p> <p>Click the field to see the available options in the drop-down menu.</p>  <p>The database view presentations available for the Tasicca integration are:</p> <ul style="list-style-type: none"> • Standard
<p style="text-align: center;">2</p> <p>Sorted By</p>	<p>Sort the Events based on the following parameters:</p> <ul style="list-style-type: none"> → Time → Item → Command → Additional Info.
<p style="text-align: center;">3</p> <p>Easy Search</p>	<p>Easy Search options allow quick searching of the database.</p> <p>Click the field to see the available options in the drop-down menu.</p>   <p>The following options are available:</p> <ul style="list-style-type: none"> • Item • Command • Additional info
<p style="text-align: center;">4</p> <p>Filter</p>	<p>Filter offers a more advanced manner of sorting information in the Integration Database table.</p> <p>For this integration the database can be filtered according to:</p> <ul style="list-style-type: none"> • Time • Item • Command • Additional Info <p>Once the filters dialogue is open, the following options are available:</p> <ol style="list-style-type: none"> 1. To enable filters, check this box: <input checked="" type="checkbox"/> Enable filters 2. To add a new filter, click on . The filter icon  will change to  when filters are active. 3. To delete an added filter, click . <p>A Time range, within which the search will be conducted, may also be set.</p> <p>To set a Time range, click on the blue hyperlinked text which specifies time (e.g. in the week to date). This will bring up the following dialogue box, where the time range can be defined:</p>

	 <p>Note:</p> <ol style="list-style-type: none"> Multiple filters may be run simultaneously. Filters with the same parameters may be run more than once. To change a filter, click on the blue hyperlinked text.
<p>5 Export</p>	<p>Generate metadata reports in PDF or CSV format. See below.</p>
<p>6 Manage Reports</p>	<p>Generate scheduled metadata reports. See below.</p>
<p>7 Go to Time</p>	<p>This navigates to a specific point in time, down to the second. To navigate to a timestamp, set the time using the time and date boxes.</p> <p> Then, click on the arrow icon.</p>

Note: For any cameras attached to device objects which are set up to record continuously in the Integration setup, each Integration database entry will have a corresponding recording. To view a databased event's recording double click it. This will bring up a floating replay window, from which archive video content can be reviewed.

5.2.1 Generate and Export Metadata Reports

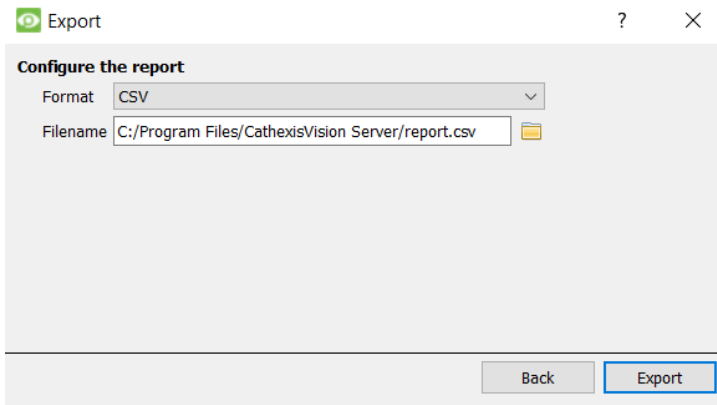
 → Click the save icon to open the Export window.



The 'Export' dialog box shows options for selecting a period to export. The 'Period of' option is selected, with '1' hours from '00h00' on '23' 'June' '2022'. The 'Next' button is highlighted.

→ Select the **Period** to export and enter the required details.

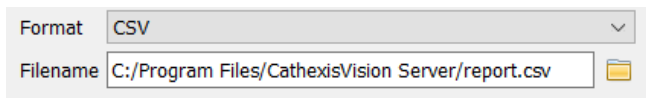
→ Click **Next**.



→ Select the **Format** to export the report in; either CSV or PDF.


See below for the two options.

5.2.1.1 Export CSV

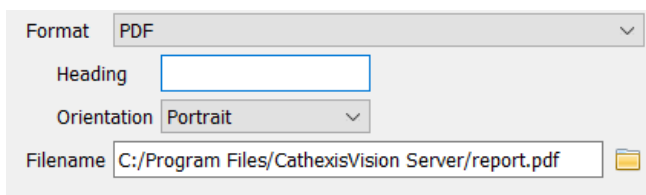


→ Select CSV **Format**.

→ Edit the **Filename** by entering it into the text field (replacing **report.csv**).

 Or click the folder to choose a new save folder and filename.

5.2.1.2 Export PDF




→ Select PDF **Format**.

→ Give the PDF a **Heading**.

→ Select either Landscape or Portrait **Orientation** of the PDF.

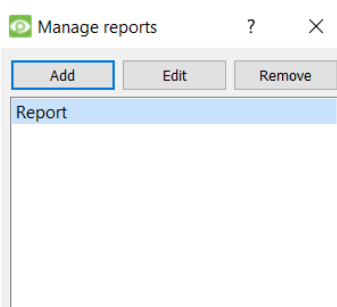
→ Edit the **Filename** by entering it into the text field (replacing **report.csv**).

 Or click the folder icon to choose a new save folder and filename.

5.2.2 Scheduled Metadatabase Reports



→ Click the report icon to open the scheduled report window.

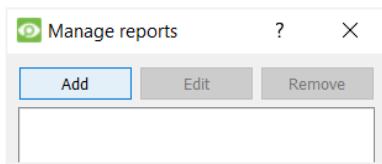


All created reports will be listed here.

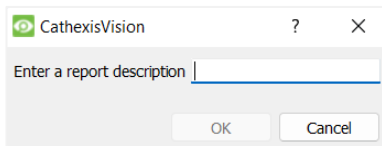
→ Click **Add** to create a report.

→ Then **edit** to define the reporting schedule. See below for more detail.

5.2.2.1 New Scheduled Report

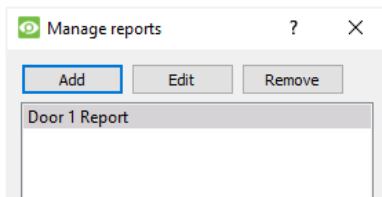


→ In the Manage reports window, click **Add**.



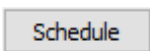
→ Give the report a description.

→ Click **OK** when done.

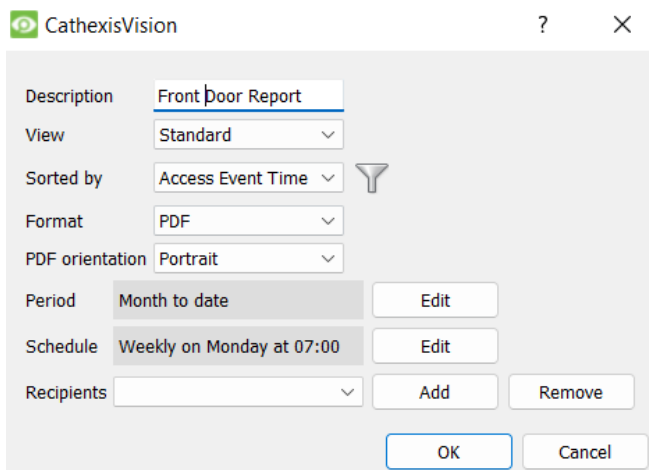


The item will appear in a list.

Once the new report is listed with the other reports, select it for editing to define the reporting schedule.



→ Either right-click the entry and select schedule or **select the entry and click the schedule button** at the bottom of the screen



→ Edit the **Description** if needed.

→ Edit the **View** options.

→ Select a **Sorted by** option.

→ Select the **Format**.

→ Select the **orientation** of the Format.

→ Select the **Period** to be reported on.

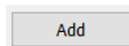
→ Define the **Schedule** for the report.

→ Select **Recipients** from the drop-down menu to whom reports will be sent.

Add/Remove Recipients

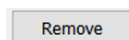
Use the icons to edit the drop-down menu.

Add recipient



Click **Add** and enter the email address of the recipient. Multiple recipients may be added. All will receive emails.

Remove recipient



Select the recipient from the dropdown menu and click **Remove**.

6. Conclusion

This document was designed to deal specifically with this integration. For further information about the CathesisVision software, consult the main manual (<https://cathesisvideo.com/>).

For support, email support@cathesisvideo.com.