

Alarm Management

Centrix provides a dedicated view for managing (configuring) alarms. This is accessed as follows;

Main Menu > Alarms > Alarm Management

Contents
<ul style="list-style-type: none">Alarms listing<ul style="list-style-type: none">SortingFiltering<ul style="list-style-type: none">Search by alarm name or site nameFilter by label(s)Filter by severityFilter by alarm typeCreate a new alarm (single)Create multiple new alarmsAlarm wizardsEdit an alarmDelete an alarm

Alarms listing

When you access the Alarm Management function, a listing of all configured alarms will be displayed.

Each alarm will be shown with the following details;

	1 Switch Throw Capture (Capture) Thresholds 📍 Rivana Jct • Subscribed	POINTS PointsCSX 2
Severity of alarm	Alarm name Site name - Subscription status	Alarm type Alarm labels

Sorting

The alarm listing can be sorted by **Name** or **Site** by using the sort dropdown above the listing.

Select Multiple	Name ▾	
	1 Switch Throw Capture (Capture) Thresho... 📍 Rivana Jct • Subscribed	POINTS PointsCSX 2
	1 THROW (Capture) Thresholds	POINTS

Filtering

The alarm listing can be filtered by using the provided filters box.

Search by alarm name or site name

Enter the search text into the box provided, and select the fields you want to search by (Name and/or Site).

Filter by label(s)

Show alarms that are attached to specific label(s) by using the **Labels** filter. You can select one or multiple labels to show alarms for,

Filter by severity

Show alarms of a particular severity (or severities) by de-selecting/selecting them in the filter box.

Filter by alarm type

Show alarms of a particular type by selecting the alarm type from the drop down.

Create a new alarm (single)

From the **Alarm Listing**, press **Create New Alarm** to create a new alarm.

You will be presented with all the alarm types supported by Centrix, choose the type of alarm you want to create.

Alarms	
Analogue Level This alarm will fire when the value on the analogue channel passes the threshold.	>
Capture Trace Level This alarm will fire when any of the specified threshold conditions are exceeded for a capture trace.	>
Channel Change This alarm will fire when the specified channels have not sent any data for the given timeout periods.	>
Dip State Change This alarm will fire when the digital channel changes state.	>

Each alarm type has the following common attributes;

Name	Name of the alarm	This will appear in the alarm status page and in the subject line of any notifications.
Site	The site the alarm belongs to	
Severity	Severity level for the alarm	This is for filtering/informational purposes only.
Suppression	Defines notification suppression for the alarm	Alarm suppression restricts how notifications are sent when the alarm trigger condition(s) are met. This stops multiple notifications being sent within a fixed period.
E-mails	Define e-mail address(es) that should receive notifications for this alarm only	This field is only recommended where you are testing an alarm, or have an alarm outside the remit of a specific team or function (for this we recommend using Labels).
Subscribed?	Defines whether e-mail notifications are sent for the alarm	No e-mails will be sent if this option is not selected.
Labels	Define the labels that are attached to the alarm	Labels provide a way of grouping alarms by team/role/function. Labels can be used simply for grouping, but usefully you can attach e-mail addresses to Labels which define who will receive notifications for the alarms they are attached to.

Each alarm type also has attributes specific to that particular alarm type.

Click **Save Alarm** to save the alarm.

Create multiple new alarms

Some alarm types provide a method to create multiple alarms that share common attributes.

From the **Alarm Listing**, press **Create Multiple Alarms** to start the process.

Alarms

Analogue Level

This alarm will fire when the value on the analogue channel passes the threshold. >

Dip State Change

This alarm will fire when the digital channel changes state. >

Track Circuit Flick

This alarm will fire when a track circuit flicks between states before the minimum occupation time. >

Currently, only the following alarm types support this function;

- Analogue level / threshold
- Digital state change
- Track circuit flick

Alarm wizards

Alarm wizards are available the more advanced alarm types within Centrix.

Wizards are accessed either directly from the Alarms sub menu, or from the **Alarm Listing**, press **Create Multiple Alarms** and the wizards appear at the bottom.

The following wizards are available;

- [Points Alarm](#)
- [Track Circuit](#)

Edit an alarm

Existing alarms can be re-configured from the **Alarm Listing**. Press the alarm you want to configure, then press **Edit**.

The screenshot shows a card for an alarm titled "1 Switch Throw Capture (Capture) Thresholds". On the left is a yellow circle icon. Below the title, it says "Rivana Jct • Subscribed". On the right, it says "POINTS" and "PointsCSX 2". At the bottom left is a "View Audit" button with a document icon. At the bottom right is an "Edit" button with a pencil icon, which is highlighted with a red rectangular box.

You can adjust all the attributes that were available when the alarm was created.

Delete an alarm

Alarms can be deleted from the **Edit alarm** screen, accessed as described above.

Click **Delete Alarm** to delete the alarm. You will be asked to confirm the deletion.