

Raw Analogue Events

The **Raw Analogue Events** report is designed to be very similar to the [Raw Digital Events](#) report. It provides you with the capability of exporting all analogue events for channel at a particular site for a given time period.

Selecting Parameters

A **site** must be selected before selecting a **channel**. Once a site is selected, a channel from that site can be selected from a list of channels containing analogue data.

A custom **time range** can be selected, or there are shortcut options to specific time ranges such as "Last Month" and "Last Year".

Once all of these are selected, the confirm parameters button can be clicked. This will check that data exists for these parameters and date range. If data does not exist you will be prompted to reselect the parameters.

If data does exist, then the parameters will be saved and you will be taken to a page specific to that report where you can generate the report. These parameters will also then appear on the right side of the page under **Recent Reports** along with other reports you have made.

The screenshot shows the CENTRIX / REPORTS interface. On the left, the 'Raw Analogue Events Report' configuration panel is visible. It includes a 'Site' dropdown with 'SS16/1' selected, a 'Channel' dropdown with 'T648 C1:IOUT (AOC)' selected, a 'Time Range' dropdown set to 'Custom', and date pickers for 'From Date' (2013-01-03) and 'To Date' (2017-12-31). There are 'Confirm Parameters' and 'Reset' buttons at the bottom. On the right, the 'Recent Reports' section shows a table of generated reports. The table has columns for DATE RANGE, SITE, CHANNEL, DOWNLOAD, GENERATE, and ACTIONS. A single report is listed with a date range from 2013-01-03 to 2017-12-31, site SS16/1, and channel T648 C1:IOUT (AOC). The GENERATE column shows a green play button, and the ACTIONS column shows icons for delete, refresh, and view.

DATE RANGE	SITE	CHANNEL	DOWNLOAD	GENERATE	ACTIONS
2013-01-03 to 2017-12-31	SS16/1	T648 C1:IOUT (AOC)	📄	▶	🗑️ 🔄 👁️

Generating a Report

When you go to the page of a specific analogue report page, you will see a summary of the parameters selected and download options.

If you need to tweak the parameters, you can click the **edit parameters** button. This takes you back to the previous page with these parameters preselected.

Analogue reports can be quite large and therefore take time to be generated and take up memory once generated. Therefore, once generated, they are available for one month before being removed. If you need the data again, you can simply regenerate the report. You may also need to regenerate the report to update the data - for example if you selected a time range of "This Year", more data will exist as the year progresses.

Once a report has been generated, the **download .xlsx** and **download .csv** buttons become available and you can download your data in either a pre-formatted excel format, or in its raw format.

Report Parameters

[Edit Parameters](#)

Site
SS16/1

Channel
T648 C1:10UT (AOC)

Start Date
2013-01-03

End Date
2017-12-31 23:59

Report Download

The report must be generated before downloading. Once the report is ready, it will remain available for 30 days.

[Generate Report](#)

[Download .xlsx](#)

[Download .csv](#)

The downloaded events are described by the following columns:

Site	The name of the site the event is for
Channel	The channel of the event
Date (milliseconds)	The time the event occurred (Unix Timestamp, ms)
Date (UTC)	The human readable date and time
Value	The value of the reading

Recent Reports

The recent reports listed on the right hand side of the main page also allow you to generate and download the reports.

As well as this, you can delete reports no longer needed, copy the parameters of a previous report as a baseline for your next report or go to that specific report's main page.