

Manual

Events and Transients Export



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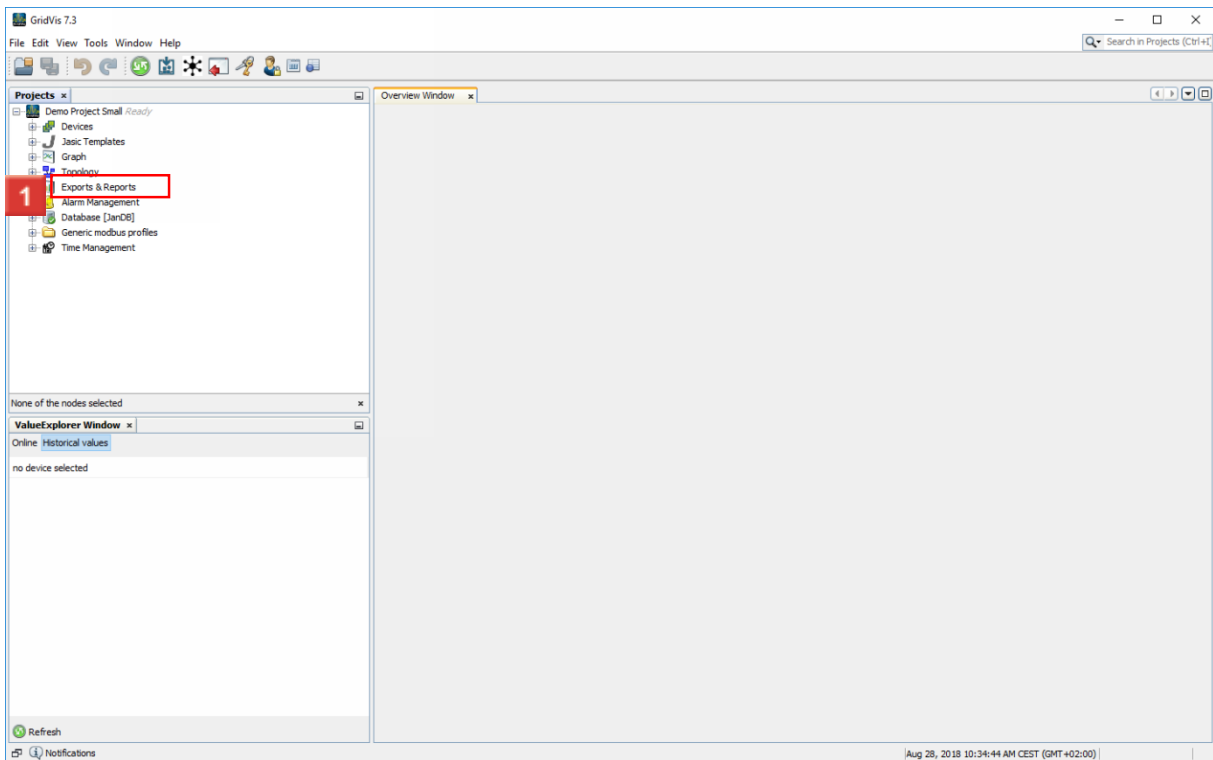
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These instructions explain how to create an Events & Transients export in GridVis Desktop.

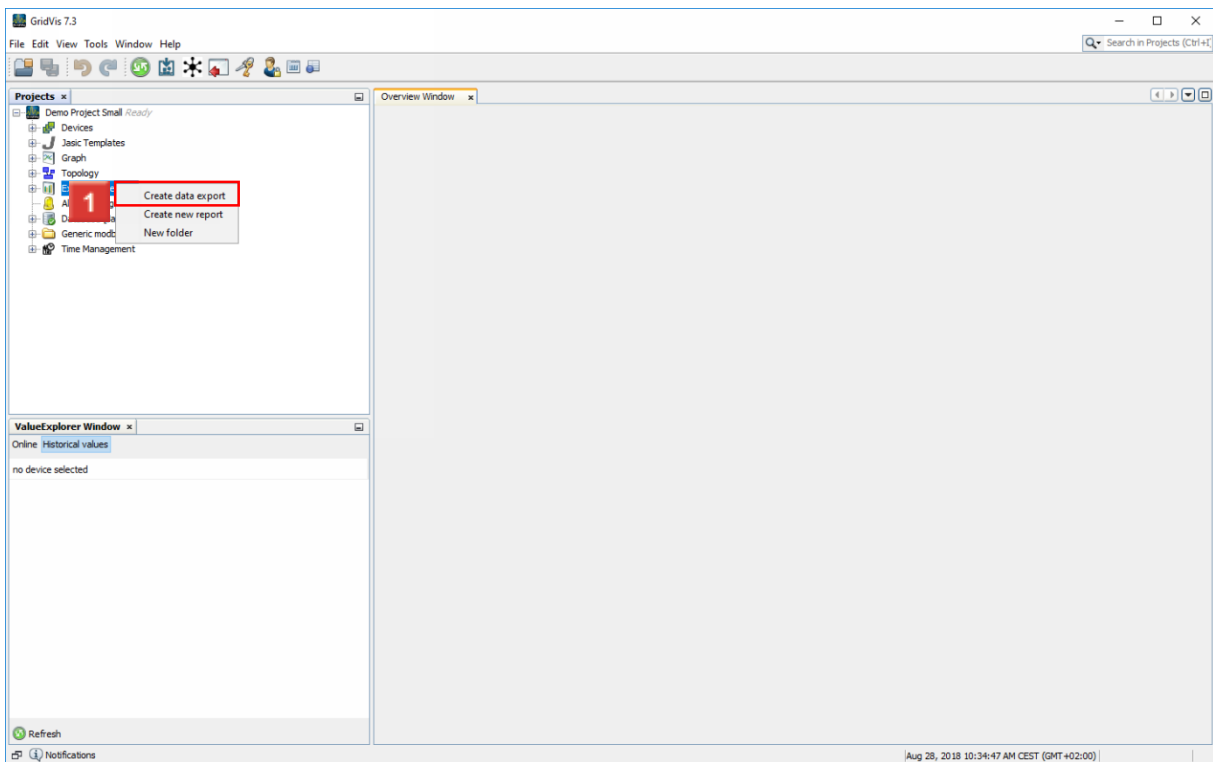
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1 GridVis 7.3

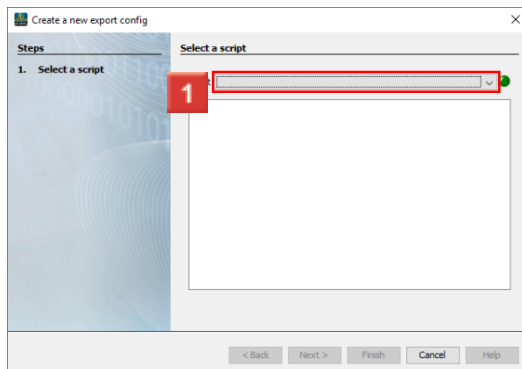


1 Right-click the **Exports & Reports** tree item.

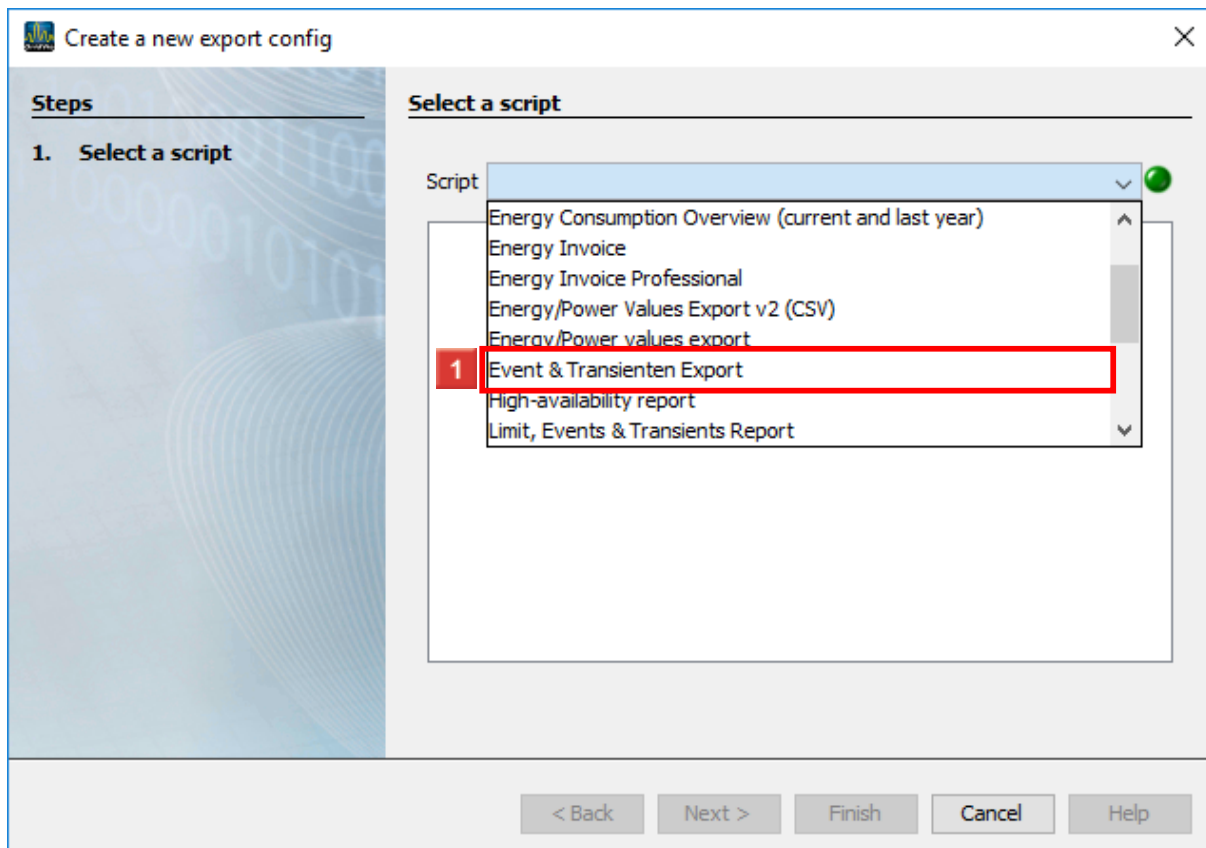


1 Click the **Create data export** menu item.

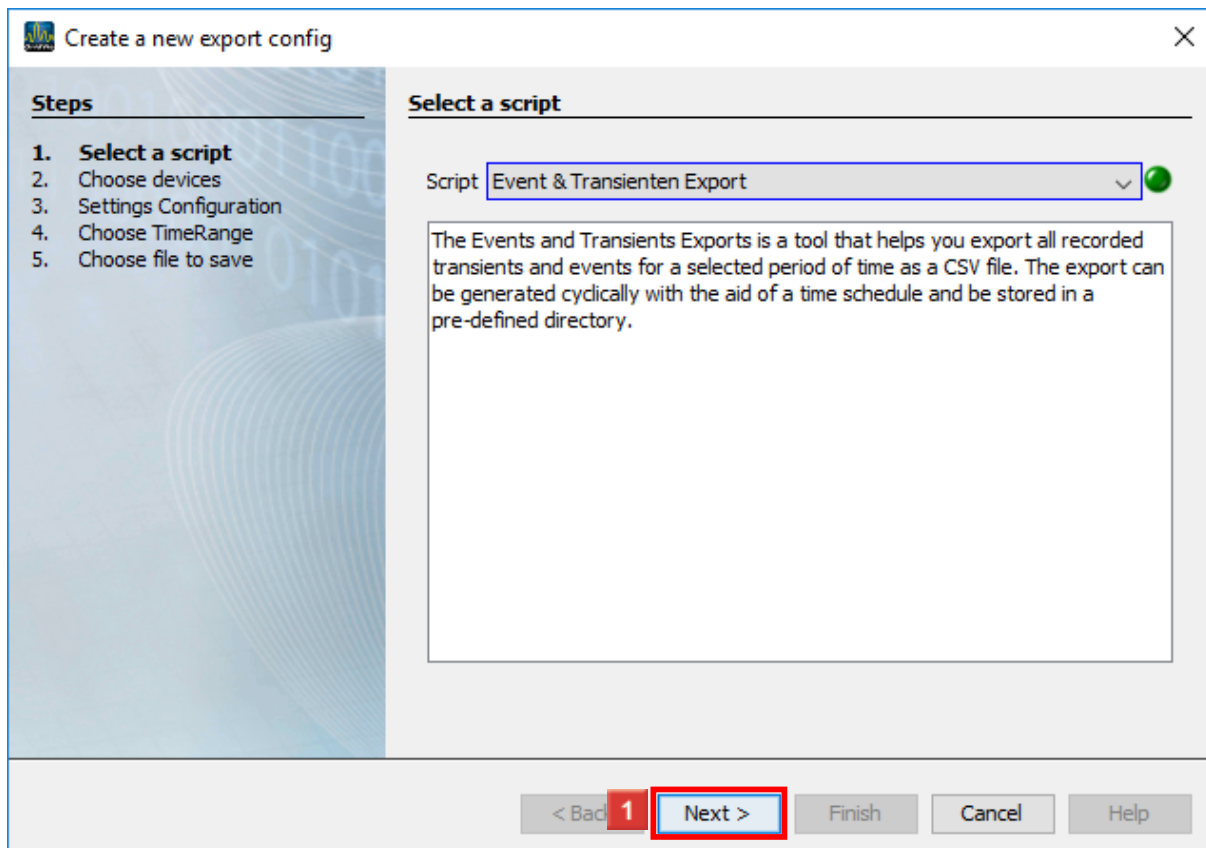
2 Create a new export config



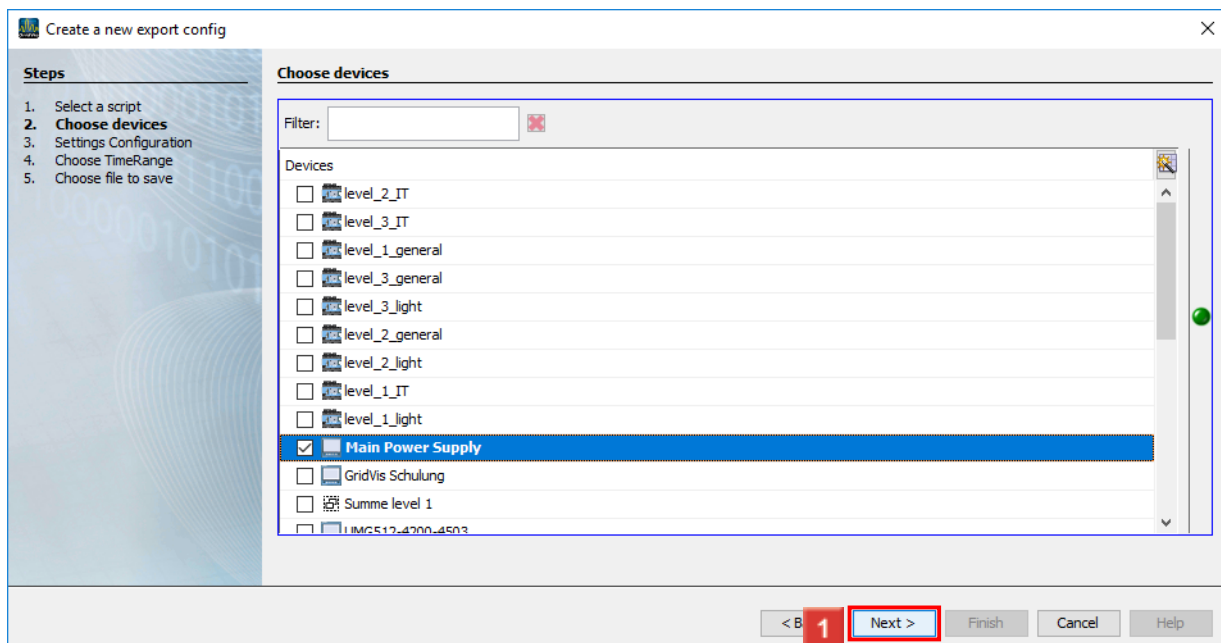
1 Click the **Script** dropdown button.



1 Click the **Events & Transienten Export** list item.



1 Click the **Next** button.



1 Here, you select the devices to be included in the export from the list of all devices in the project using the checkbox.

Click the **Next** button.

The screenshot shows the 'Create a new export config' dialog box. On the left, a 'Steps' list shows: 1. Select a script, 2. Choose devices, 3. **Settings Configuration**, 4. Choose TimeRange, 5. Choose file to save. The main area is titled 'Settings Configuration' and contains two fields: 'Report Name' with a text input containing 'Events', and 'Data Selection' with a dropdown menu also set to 'Events'. At the bottom, a navigation bar includes buttons: '< Back', '1' (highlighted in a red box), 'Next >' (highlighted in a red box), 'Finish', 'Cancel', and 'Help'.

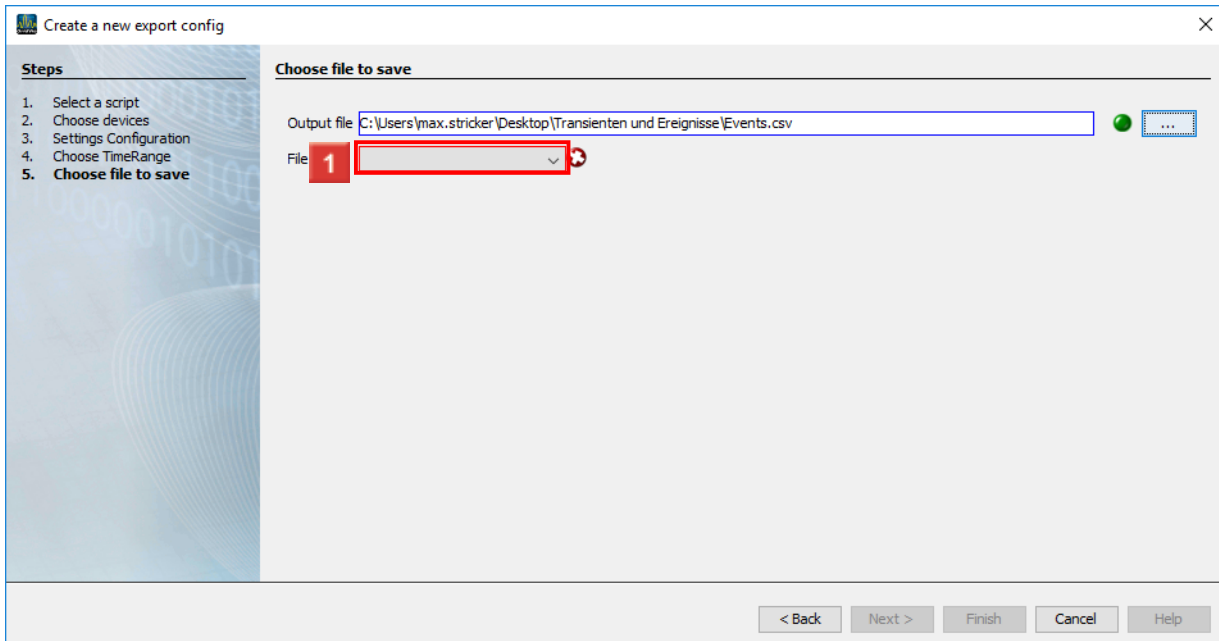
1 Here, you assign a name for the export and choose whether you want to export events or transients from the **Data Selection** drop-down menu.

Click the **Next** button.

The screenshot shows the 'Create a new export config' dialog box. On the left, a 'Steps' list shows: 1. Select a script, 2. Choose devices, 3. Settings Configuration, 4. **Choose TimeRange**, 5. Choose file to save. The main area is titled 'Choose TimeRange' and contains two rows: 'Start' and 'End'. Each row has a date dropdown (7/1/18 and 7/31/18), a time dropdown (00:00:00 and 23:59:59), and a radio button followed by a dropdown menu set to 'Last month'. Green checkmarks are visible next to the 'Last month' dropdowns. At the bottom, a navigation bar includes buttons: '< Back', '1' (highlighted in a red box), 'Next >' (highlighted in a red box), 'Finish', 'Cancel', and 'Help'.

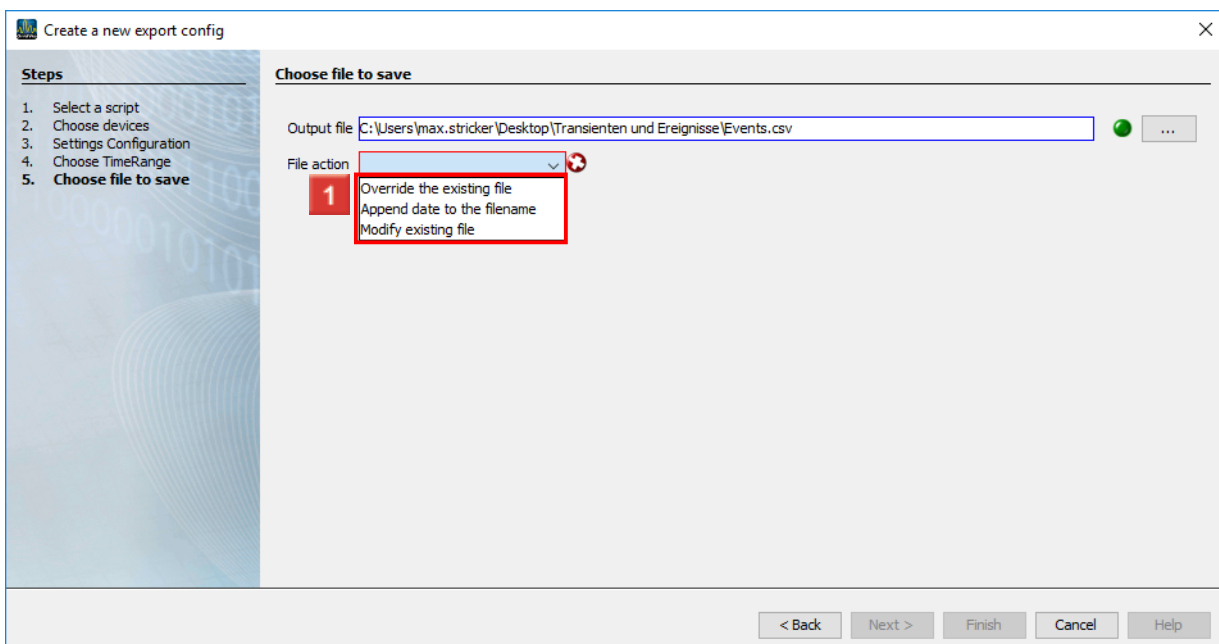
1 Use the **Start** and **End** drop-down menus to select from predefined time periods or set a freely definable time period using the **Free selection** entry.

Click the **Next** button.



1 In this step, you select a storage location and file name for the export. The file format is .CSV.

Click the **File action** dropdown button.



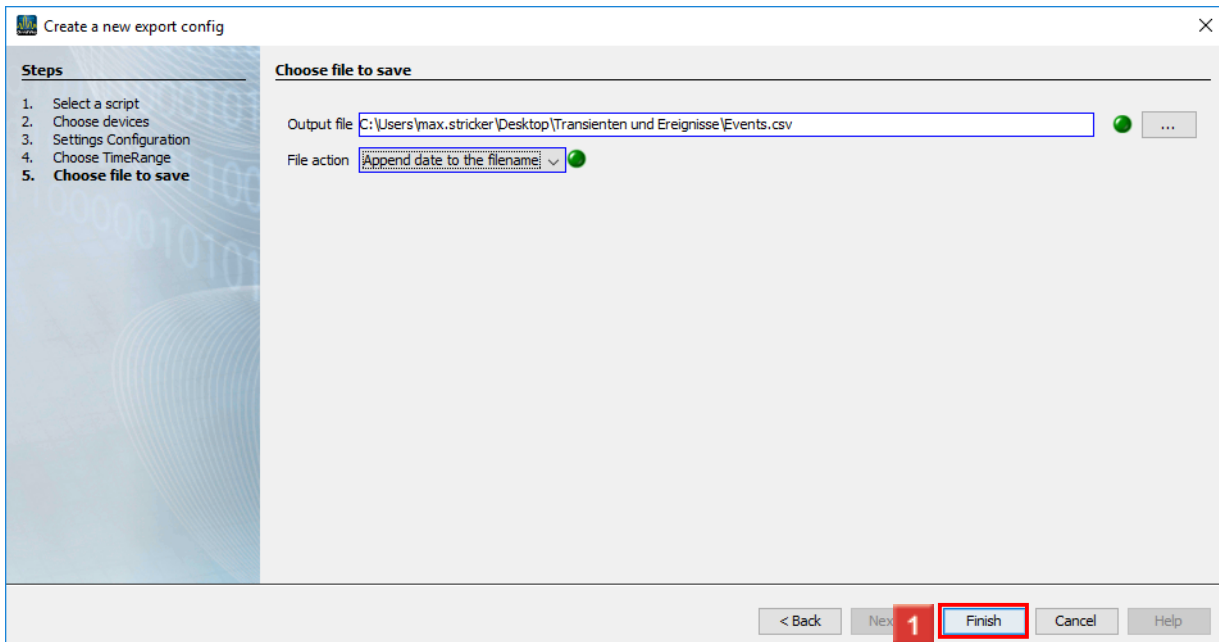
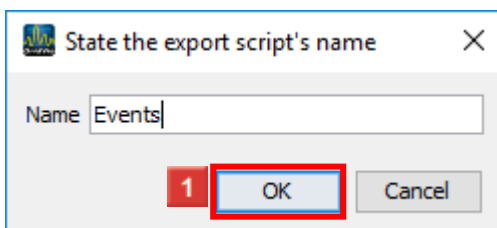
1 Select a file action that will be executed if the specified file already exists.

i **Append a date to the file name:**

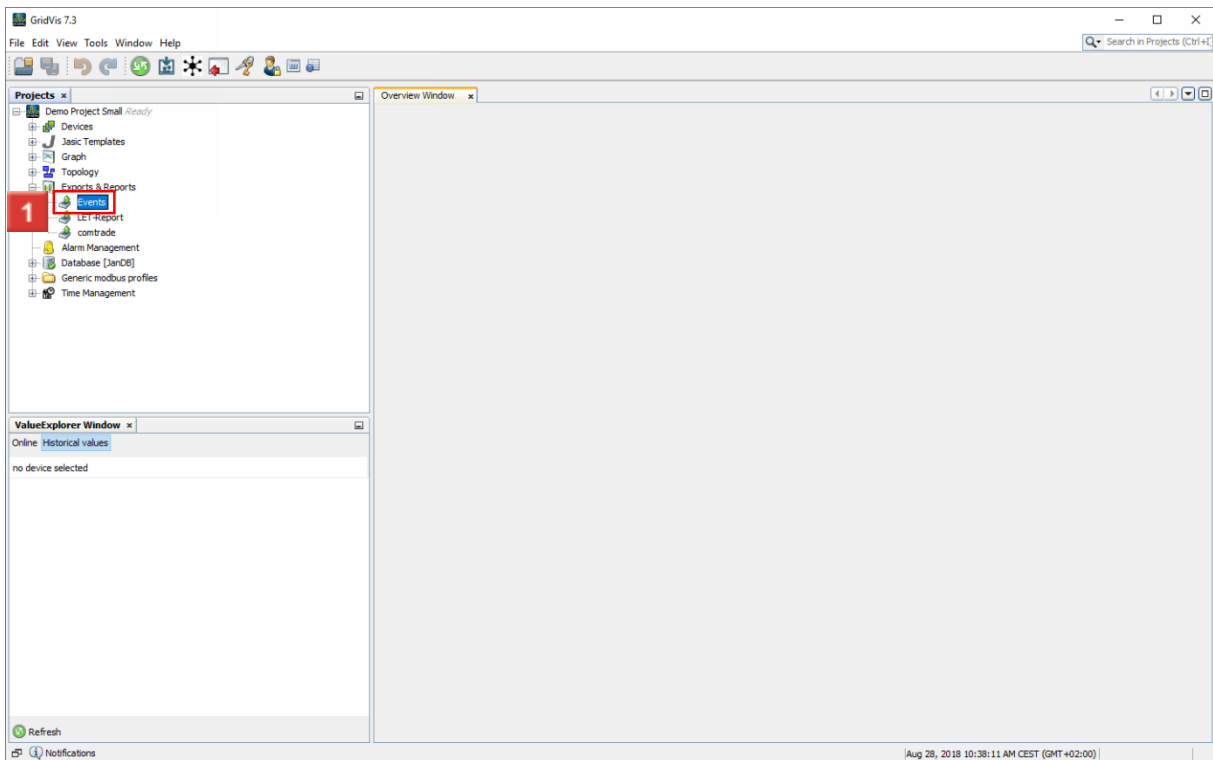
i Creates an additional file and appends the execution date of the report to the file name.

i **Overwrite existing file:**

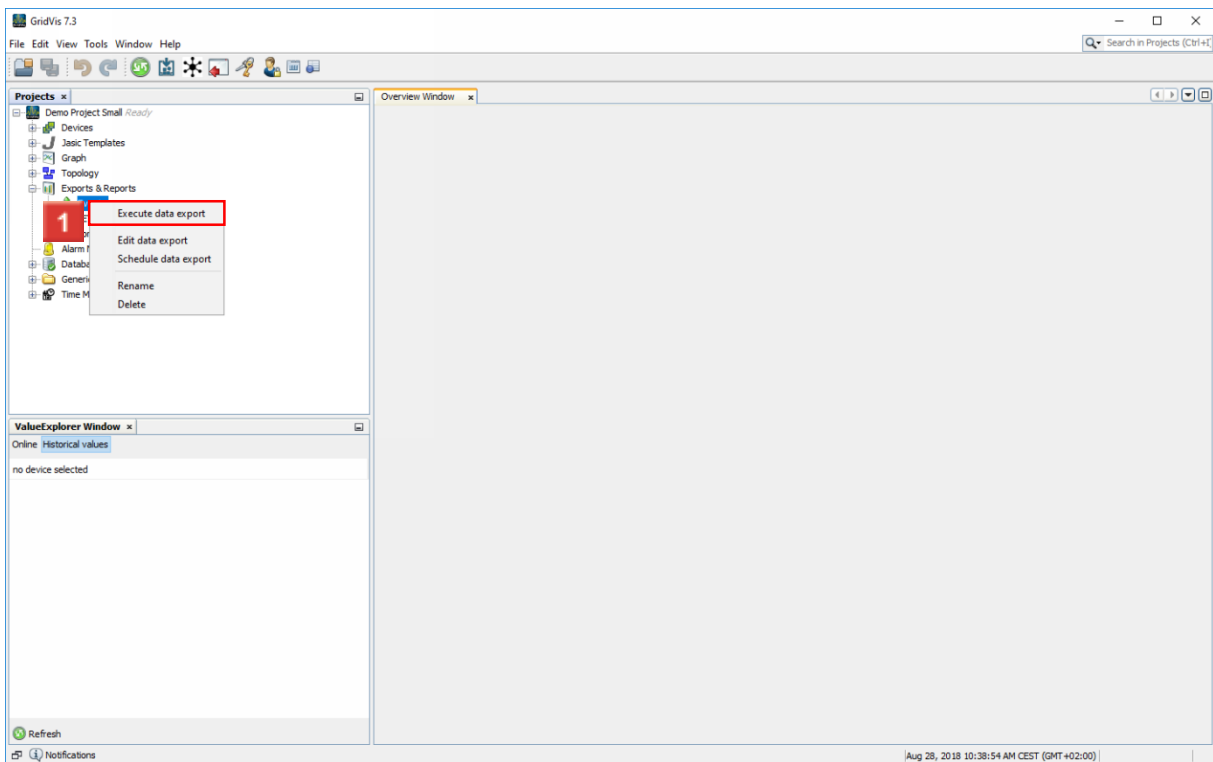
i Overwrites an existing report. Edits made by a user in the document are lost.

i Modify existing file:**i** Edits the data in an existing file. Adjustments that were made in the file are kept.**1** Click the **Finish** button.**1** Click the **OK** button.

3 Execute an export



1 Right-click the tree entry of the new export.



1 Click **Execute data export**.

4 Beispieldatei

The screenshot shows an Excel spreadsheet titled 'Events_20180828_104224.csv - Excel'. The spreadsheet contains a table with 140 rows of event data. The columns are: A (Start time), B (Device), C (Phase), D (Typ), and E (Duration). The data includes various power levels (L2, L3) and phases (Main, level_1, level_2, level_3) for different devices (Main Power, level_1_geni, level_2_geni, level_3_geni, level_1_ligh, level_2_ligh, level_3_ligh, level_1_IT, level_2_IT, level_3_IT). The duration for all events is listed as 20.0 ms or 80.0 ms.

Start time	Device	Phase	Typ	MAX/MIN va	Duration
13.01.2017 06:53	Main Power	L2:	Under voltg	194.78203 V	20.0 ms
13.01.2017 06:53	Main Power	Main:	Under voltg	194.78203 V	20.0 ms
21.01.2017 13:27	Main Power	L3:	Under voltg	194.06836 V	20.0 ms
21.01.2017 13:27	Main Power	Main:	Under voltg	194.06836 V	20.0 ms
21.01.2017 13:27	level_2_ligh	L2:	Under voltg	194.32149 V	21.0 ms
21.01.2017 13:27	level_1_ligh	L2:	Under voltg	194.35338 V	19.0 ms
21.01.2017 13:27	level_1_geni	L2:	Under voltg	194.23982 V	20.0 ms
21.01.2017 13:27	level_3_ligh	L2:	Under voltg	194.22408 V	20.0 ms
21.01.2017 13:27	level_3_IT	L2:	Under voltg	194.15112 V	20.0 ms
21.01.2017 13:27	level_3_geni	L2:	Under voltg	194.14569 V	20.0 ms
21.01.2017 13:27	level_1_IT	L2:	Under voltg	194.10318 V	20.0 ms
21.01.2017 13:27	level_2_geni	L2:	Under voltg	194.297 V	20.0 ms
21.01.2017 13:27	level_2_IT	L2:	Under voltg	194.21613 V	20.0 ms
24.02.2017 02:50	Main Power	L2:	Under voltg	194.5881 V	20.0 ms
24.02.2017 02:50	Main Power	Main:	Under voltg	194.5881 V	20.0 ms
24.02.2017 02:50	level_1_IT	L3:	Under voltg	194.8783 V	20.0 ms
24.02.2017 02:50	level_1_geni	L3:	Under voltg	194.84381 V	20.0 ms
24.02.2017 02:50	level_3_geni	L3:	Under voltg	194.90448 V	20.0 ms
24.02.2017 02:50	level_2_IT	L3:	Under voltg	194.93164 V	20.0 ms
24.02.2017 02:50	level_1_ligh	L3:	Under voltg	194.99284 V	20.0 ms
24.02.2017 02:50	level_3_ligh	L3:	Under voltg	194.74963 V	20.0 ms
24.02.2017 02:50	level_2_geni	L3:	Under voltg	194.8187 V	20.0 ms
24.02.2017 02:50	level_3_IT	L3:	Under voltg	194.77104 V	20.0 ms
24.02.2017 02:50	level_2_ligh	L3:	Under voltg	194.9585 V	21.0 ms
20.05.2017 11:49	level_2_IT	L2:	Under voltg	70.95167 V	80.0 ms
20.05.2017 11:49	level_3_ligh	L2:	Under voltg	70.96903 V	80.0 ms
20.05.2017 11:49	level_2_geni	L2:	Under voltg	71.0404 V	80.0 ms
20.05.2017 11:49	level_3_IT	L2:	Under voltg	70.93046 V	80.0 ms
20.05.2017 11:49	level_1_geni	L2:	Under voltg	70.92299 V	80.0 ms
20.05.2017 11:49	level_1_ligh	L2:	Under voltg	70.95963 V	80.0 ms

5 Summary

Please enter your text here.

Output file

The export function creates a csv file containing the following data:

- ▪ Time stamp
- ▪ Device and phase at which an event or a transient occurred
- ▪ Type
- ▪ Max./min. value

Data selection

During configuration, select whether transients or events are exported.