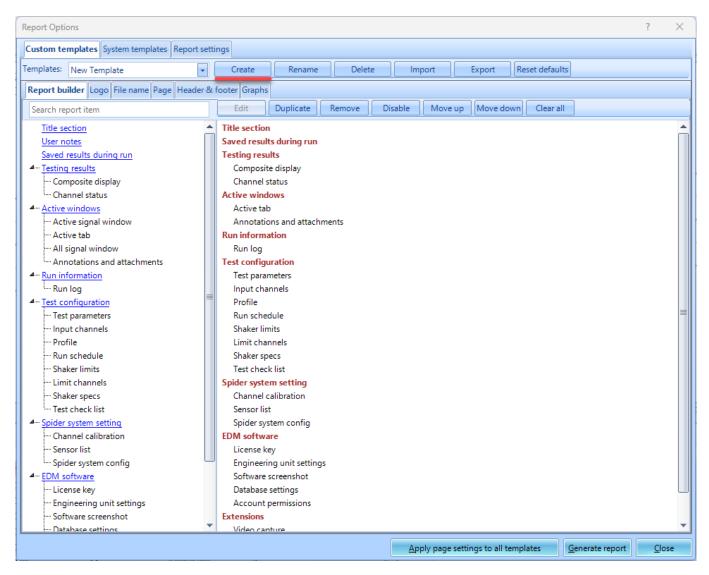
To first generate a report, an existing template needs to be set to choose what information will be included in the report. By default, the custom template *My Report* is created. The *My Report* cannot be renamed or deleted, but the items in the template can be edited. A user defined event is also automatically generated for creating a *My Report* report at the end of the run schedule.

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## Create a Template

To view/edit items in the template, click **Report > Report Template.** To generate a new template, click **Create > Enter Template Name >** click **OK**.



Add items to the template by grabbing report items on the left. Clicking certain items can allow users to add data from past runs/data files in the template. This means a report can be generated with data from all runs from the test.

| Report Options                             |       |                                                  |                |                |                |                     |            |                         | ?        | $\times$      |
|--------------------------------------------|-------|--------------------------------------------------|----------------|----------------|----------------|---------------------|------------|-------------------------|----------|---------------|
| Custom templates System templates Report s | ettin | gs                                               |                |                |                |                     |            |                         |          |               |
| Templates: New Template                    | 1     | Create Rename                                    | Delete         | e Im           | port           | Export Rese         | t defaults |                         |          |               |
| Report builder Logo File name Page Header  | & fc  | poter Graphs                                     |                |                | (              |                     |            |                         |          |               |
|                                            |       | Edit Duplicate                                   | Remove         | Disable        | Move up        | Move down           | Clear all  | 1                       |          | 1             |
| Search report item                         |       |                                                  | Keniove        | Disable        | [ wove up      |                     | Clear an   |                         |          |               |
| Title section                              | Â.    | Testing results<br>Composite display             |                |                |                |                     |            |                         |          | <b>^</b>      |
| <u>User notes</u>                          |       | Report Run Information                           |                |                |                |                     |            |                         | X        |               |
| Saved results during run                   |       | Report Kun Information                           |                |                |                |                     |            |                         | ^        |               |
| Testing results     Composite display      |       | Run options                                      |                |                |                |                     |            |                         |          |               |
|                                            |       | O Current run                                    |                |                |                |                     |            |                         |          |               |
| 4 Active windows                           |       |                                                  |                |                |                |                     |            |                         |          |               |
| Active signal window                       |       | Select run                                       |                |                |                |                     |            |                         |          |               |
| - Active tab                               |       |                                                  |                | Forma          | at of saved re | sults               |            |                         |          |               |
| - All signal window                        |       | Print saved results by                           | time 💿 Prir    | nt saved resul | ts by item     |                     |            |                         |          |               |
| Annotations and attachments                |       | Samples:                                         |                |                |                |                     |            |                         |          |               |
| 4 Run information                          |       |                                                  |                |                |                |                     |            |                         |          |               |
| Run log                                    |       | Time 1: active screen;                           |                |                |                |                     |            |                         |          |               |
| 4 Test configuration                       |       | Time 2: active screen;<br>Time 3: active screen; |                |                |                |                     |            |                         |          |               |
| Test parameters                            |       | Time 4: active screen;                           |                |                |                |                     |            |                         |          |               |
| Input channels                             |       | Time 5: active screen;                           |                |                |                |                     |            |                         |          |               |
| Profile                                    |       | Time 6: active screen;                           | aved plots; ch | annel status;  | meas status,   | cursor values       |            |                         |          |               |
| Run schedule                               |       | 1                                                |                |                |                |                     |            |                         |          |               |
| ···· Shaker limits                         |       |                                                  |                |                |                |                     |            |                         |          |               |
| Limit channels                             |       |                                                  |                |                |                |                     |            |                         |          |               |
| Shaker specs                               |       |                                                  |                |                |                |                     |            |                         |          |               |
| Test check list                            |       | 1                                                |                |                |                |                     |            |                         |          |               |
| Am Spider system setting                   |       |                                                  |                |                |                |                     |            |                         |          |               |
| ····· Channel calibration                  |       |                                                  |                |                |                |                     |            |                         |          |               |
| ···· Sensor list                           |       |                                                  |                |                |                |                     | ОК         | Canc                    | a        |               |
| Spider system config                       |       |                                                  |                |                |                |                     |            |                         | C1       |               |
| 4 EDM software                             |       | Account permissions                              |                |                |                |                     |            |                         |          |               |
| ···· License key                           |       | Extensions                                       |                |                |                |                     |            |                         |          |               |
| ···· Engineering unit settings             |       | Video capture                                    |                |                |                |                     |            |                         |          |               |
| Software screenshot                        | -     |                                                  |                |                |                |                     |            |                         |          | - U           |
| Database settings                          | •     |                                                  |                |                |                |                     |            |                         |          | · ·           |
|                                            |       |                                                  |                | <u>A</u> p     | ply page sett  | ings to all templat | es 🧕       | <u>G</u> enerate report | <u>(</u> | <u>O</u> lose |

## **Automating Report Generation**

Navigate to the **Test Configurations** menu under the control panel or click **Ctrl+T** > click **Event** actions > Add a user event > Enter event name > Click Ok > Add action > Create Report > Select Report Template > Ok

After event is generated, go to **Run schedule** > **add your newly generated event** After event is generated, go to Run schedule > add your newly generated event •

| Test Configurations for Testing [Rand                                                                                                                                                | [mot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ?            | $\times$ |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|
| Event actions «                                                                                                                                                                      | Event list                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |          |
| Shaker parameters                                                                                                                                                                    | Add a user event Edit event name Remove event Run log event strings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |
| Test parameters<br>Pre-test parameters<br>Test profile<br>RMS limits<br>Run schedule<br>Limit channels<br>Event actions<br>File directory<br>Save/Recording setup<br>Output settings | Event name       Actions         Turn off Amplifier       Turn on Amplifier         Turn on Amplifier       Turn on Amplifier         Turn on Amplifier       Turn on Amplifier         My Report       Create report         Flash Screen and Beep       Save Results to PC         CANbus abort values       Pause Test         CANbus abort values       None         CANbus abort values       None         CANbus alarm values       None         CANbus alarm values       None         CANbus alarm values       None         CANbus low alarm       None         Control Signal Lost       Event name:         Control Channel Overload       Flash Screen and Beep         Channel Overload       Flash Screen and Beep         Channel Overload       Flash Screen and Beep         Mame:       Actions for selected event |              |          |
|                                                                                                                                                                                      | Load from library Save to library                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |          |
| Config. library                                                                                                                                                                      | <u>O</u> K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <u>C</u> ano | :el      |

| Test Configurations for Testing [                                                                         | Random]                                                                                                                                                                                                                                                                                                                                                      | ?            | ×   |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----|--|--|--|--|
| Event actions                                                                                             | « Event list                                                                                                                                                                                                                                                                                                                                                 |              |     |  |  |  |  |
| Shaker parameters<br>Test parameters<br>Pre-test parameters<br>Test profile<br>RMS limits<br>Run schedule | Add a user event     Edit event name     Remove event     Run log event strings       Event name     Actions       Generate New Report Template     None       Turn off Amplifier     Turn off Amplifier       Turn on Amplifier     Turn on Amplifier       My Report     Create report                                                                     |              |     |  |  |  |  |
| Limit channels                                                                                            | Flash Screen and Beep Flash Screen and Beep                                                                                                                                                                                                                                                                                                                  |              |     |  |  |  |  |
| Event actions                                                                                             | Save Signals to PC Save Results to PC CANbus abort values Pause Test                                                                                                                                                                                                                                                                                         |              |     |  |  |  |  |
| File directory<br>Save/Recording setup<br>Output settings                                                 | CANbus high abort Pause Test<br>CANbus low abort Pause Test<br>CANbus low abort Pause Test<br>CANbus low alarm Values Select Report Template<br>CANbus low alarm<br>Monitor Channel Lost<br>Limit Channel Lost<br>External Power Lost<br>Control Signal Lost<br>Control Signal Lost<br>Control Channel Overload<br>Output Reaches Maximur<br>Sensor Overload |              |     |  |  |  |  |
|                                                                                                           | Actions for selected event                                                                                                                                                                                                                                                                                                                                   |              |     |  |  |  |  |
|                                                                                                           | Name:       Generate New Report Template       Add action        Edit action       Remove action         Load from library       Save to library       Save to library       Save to library                                                                                                                                                                 |              |     |  |  |  |  |
| Config. library 🔹                                                                                         | <u>O</u> K                                                                                                                                                                                                                                                                                                                                                   | <u>C</u> ane | cel |  |  |  |  |

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