

THE MEASURABLE DIFFERENCE.



DEWETRON

▼

OXYGEN TRAINING > DATA EXPORT

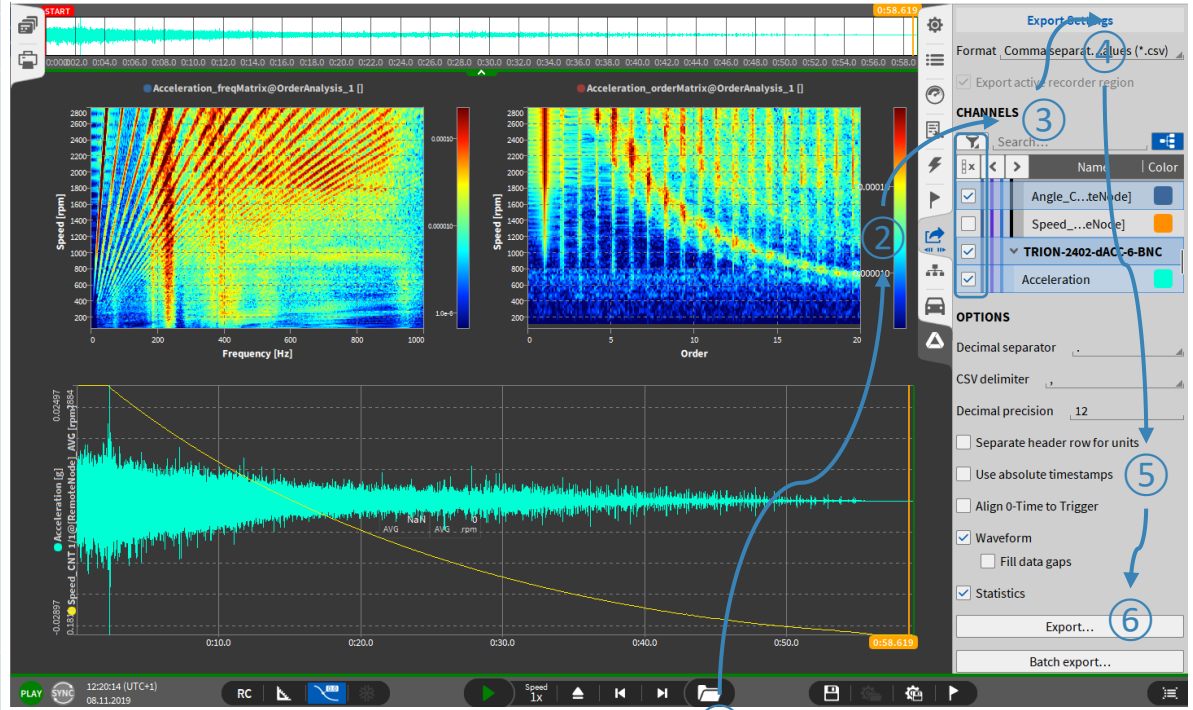




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How to export data

- 1 Open a data file
- 2 Go to the Export menu
- 3 Select the channels to be exported
- 4 Select the export file format:
 - *.txt,
 - *.csv
 - *.mdf4.0/4.1
 - *.mat
 - *.xlsx
 - *.rsp (rpc III)
 - *.wav
 - *.dat (DIADEM)
 - *.hdf5
 - *.nt (DynaWorks)
 - *.uff (uff58 - Binary and ASCII)
 - *.tdms
 - *.imc2 (FAMOS)
 - *.nc (NetCDF)
 - *.datx-Format (DSPCon)
- 5 Choose between different file format dependent options
- 6 Press the export button to specify a filename and folder



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EXPORT OPTIONS

- 1 Default Export folder can be specified in *System Settings* → *Measurement Setup*
- 2 Waveform exports data of selected channels at full sample rate
Statistics only exports min/max/avg/rms values of each selected channel for a defined window time if activated in Trigger menu (3)
- 4 To export the selected channels with a reduced sample rate. By default this can be chosen between 1 Hz and 10 kHz.
- 5 If a changed channel order is required, the channels can be rearranged in the order tab next to the channels tab

The screenshot displays the DEWETRON software interface with several key settings highlighted by numbered callouts:

- 1:** Points to the 'Export folder' field in the 'Storing & Filename' section, set to 'C:/Users/Tklug'.
- 2:** Points to the 'Waveform' checkbox in the 'EXPORT SETTINGS' panel, which is checked.
- 3:** Points to the 'Statistics window' dropdown in the 'STATISTICS' section, set to '1'.
- 4:** Points to the 'Reduced samplerate' slider in the 'EXPORT SETTINGS' panel, set to '1 Hz'.
- 5:** Points to the 'Export Settings' tab in the top right corner of the 'EXPORT SETTINGS' panel.

The interface also shows the 'Recording Mode' section with 'Waveform recording, Continuous' selected, and the 'Triggered Events' section with 'Recording Mode' expanded.

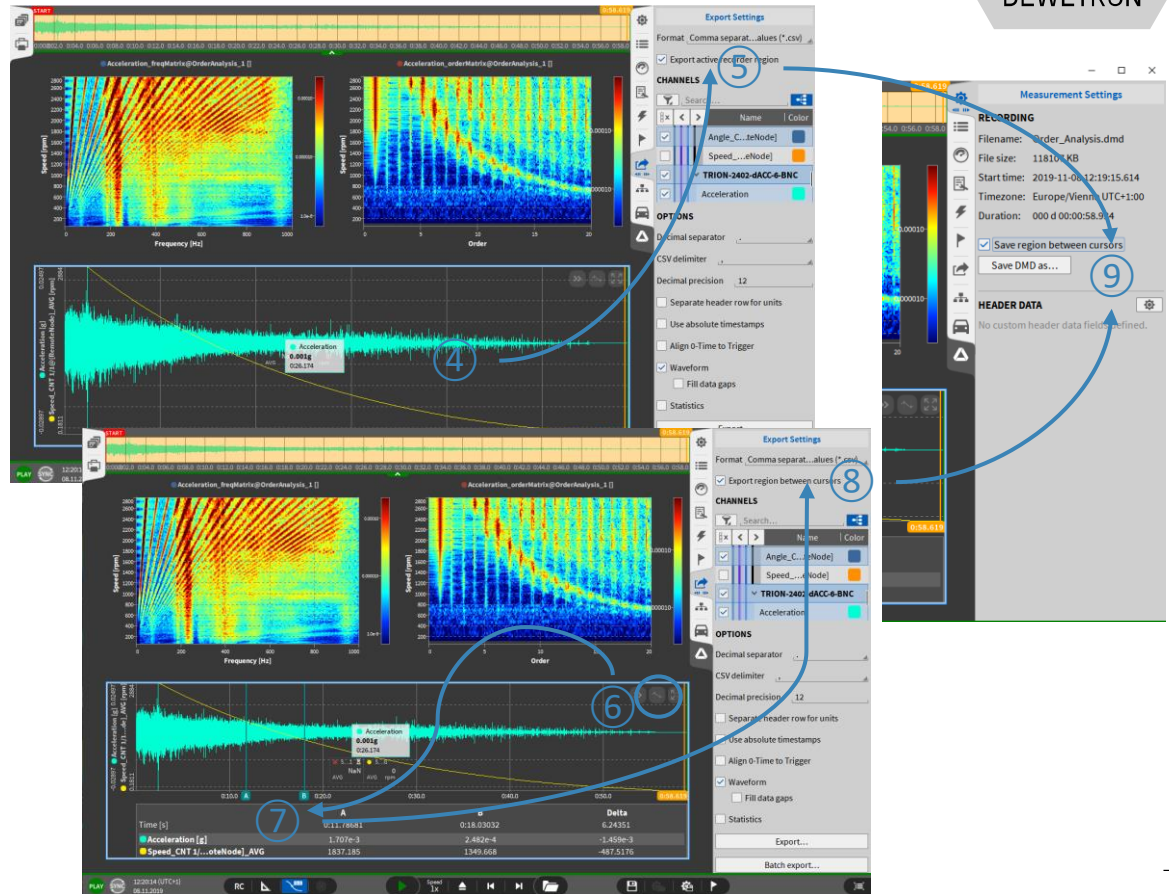


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EXPORT OPTIONS

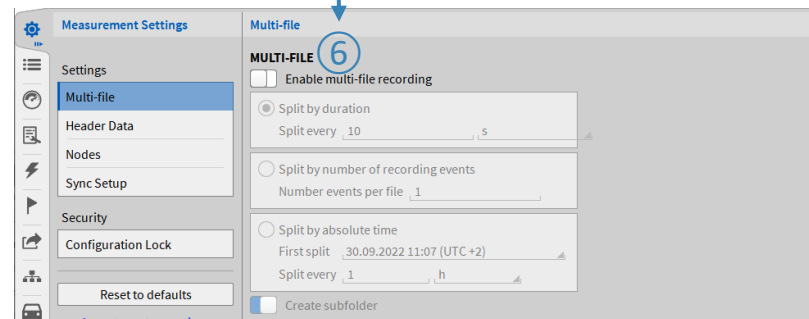
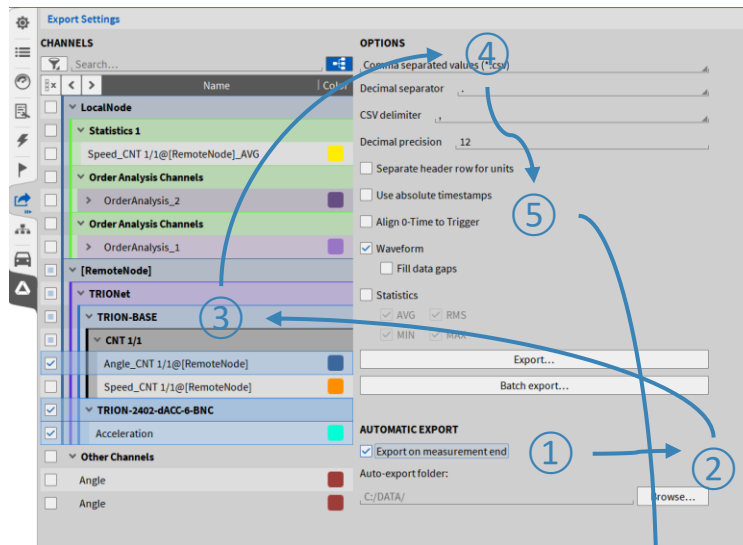
- ④ If a Recorder is selected during export, the selected signals can be exported only for the timespan displayed in the Recorder
- ⑤ *Export active recorder region* must be selected herefor
- ⑥ Cursors can be activated as well
- ⑦ If cursors are activated in the Recorder, the data of the selected signals can be exported only for the timespan between the cursors
- ⑧ *Export region between cursors* must be selected herefor
- ⑨ The dmd export can be used in combination with one of these two possibilities to decrease the file size of dmd files.
Dmd export supports no channel selection but exports all available channels





AUTOMATIC EXPORT

- 1 The Export menu can also be accessed in Live mode during setup generation to activate the option to automatically *Export the data after measurement end*
- 2 A separate export folder can be specified
- 3 Individual channels for export can be selected
- 4 Export format can be specified
- 5 Format dependent options are available
- 6 In case of Multi-File recording, data since recording start will be exported to one single file but not be split up in individual files

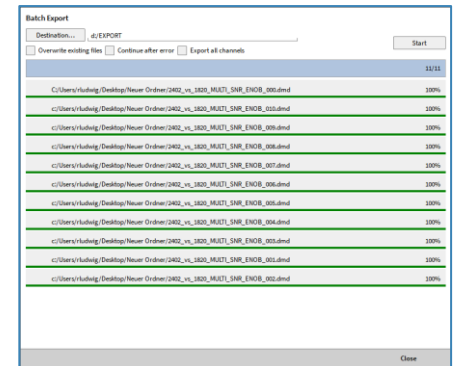
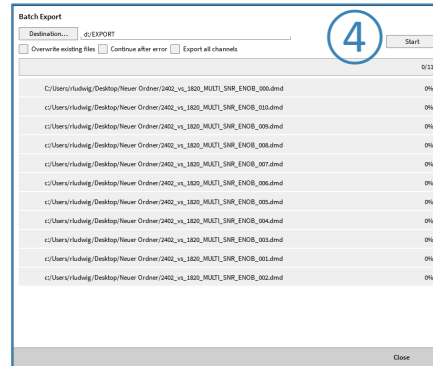
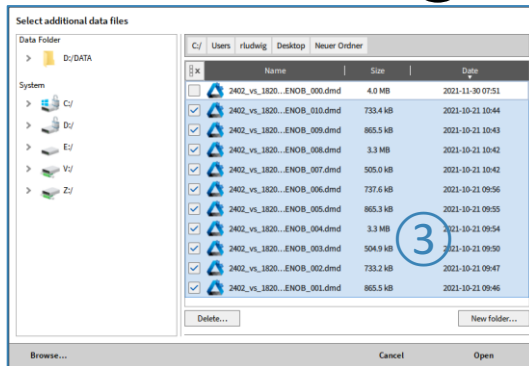
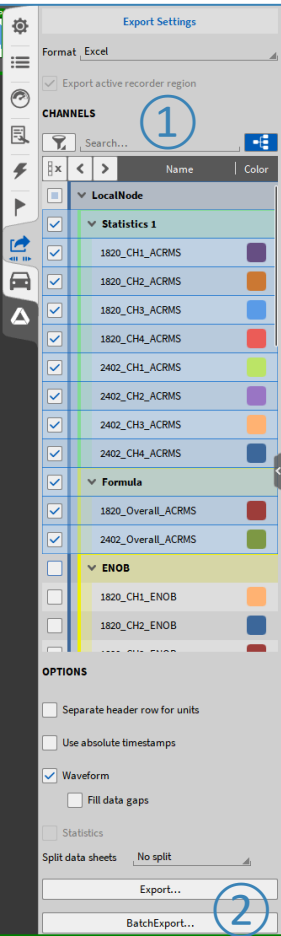


BATCH EXPORT



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- > Possibility to export data of several *.dmd-files successively
- > How to...
 - > Load one file and set the export options (①)
 - > Press Batch Export (②)
 - > Select additional *.dmd-files (③)
 - > Press Start (④)



BATCH EXPORT

- > Requirements: Selected channels (Channel Names) need to be included in all *.dmd-files
 - > Good to know:
 - > Possibility to export all channels (⑤)
 - Batch export with files including different channel names
 - > Data export from Rec start to end
 - Active Recorder / Cursor region will be ignored
 - > Batch export stops when error occurs
- Errors might be:
- > Channel not found
 - > File not accessible
 - > Export file already exists - can be overwritten automatically (⑥)
 - > Possibility to continue after error (⑦)

