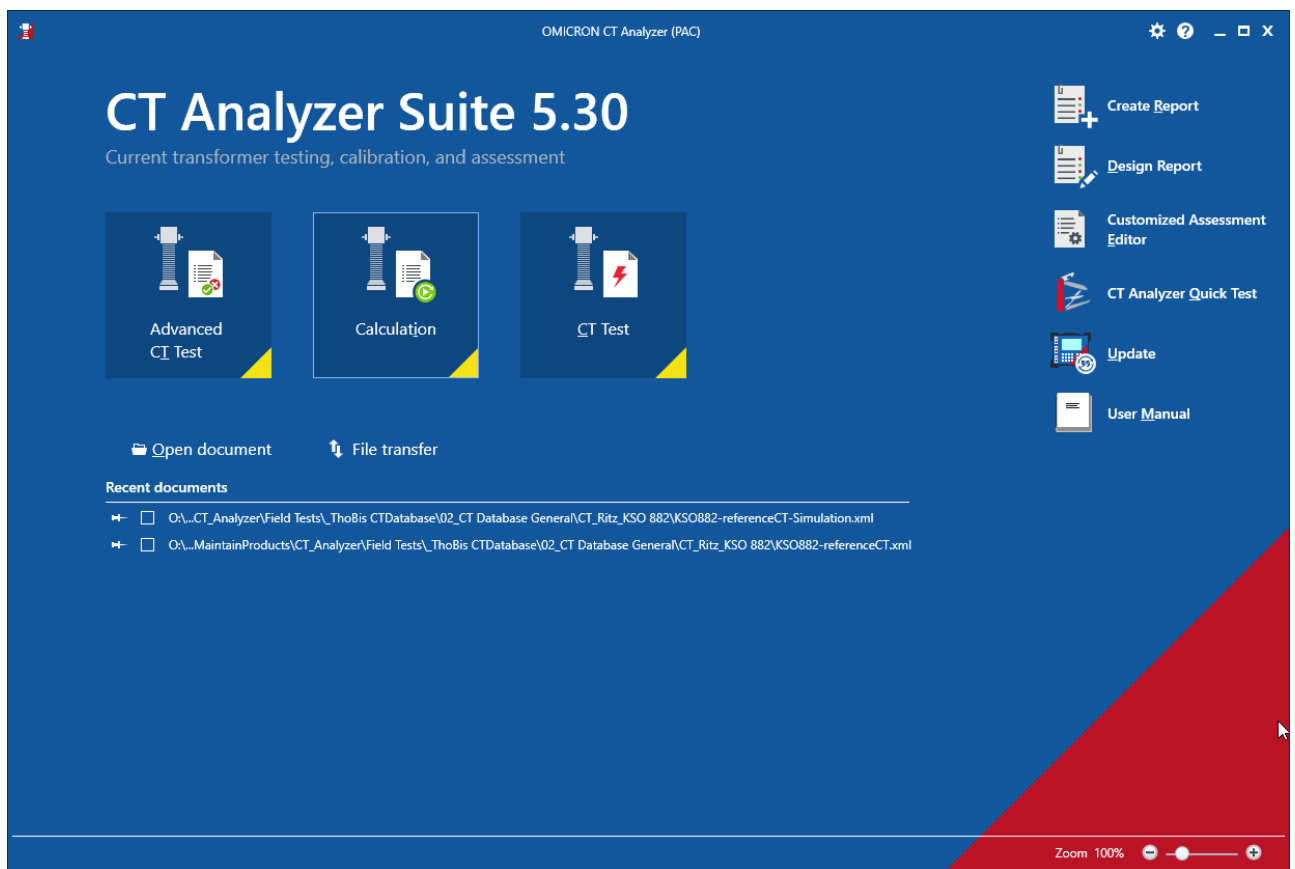CT Analyzer

What´s New in Version 5.30
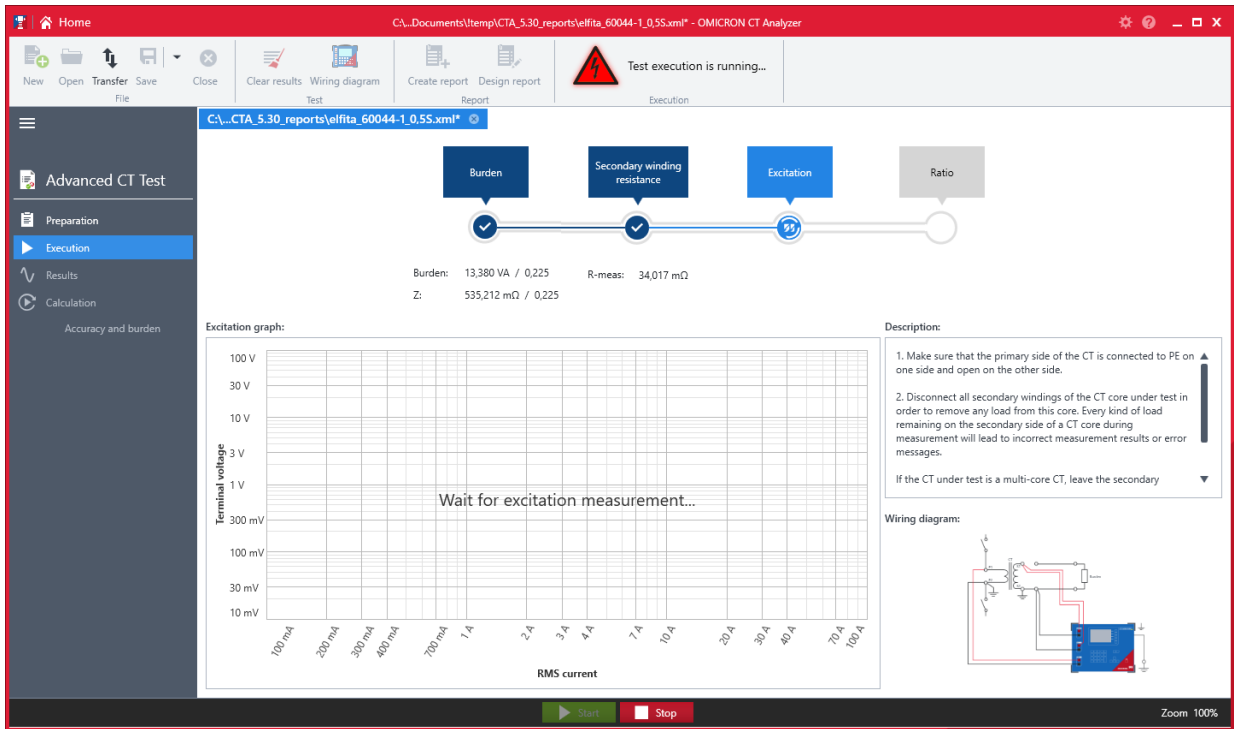Compared to Version 5.20

1   New features and improvements

With version 5.30, CT Analyzer comes with the following new features and improvements.
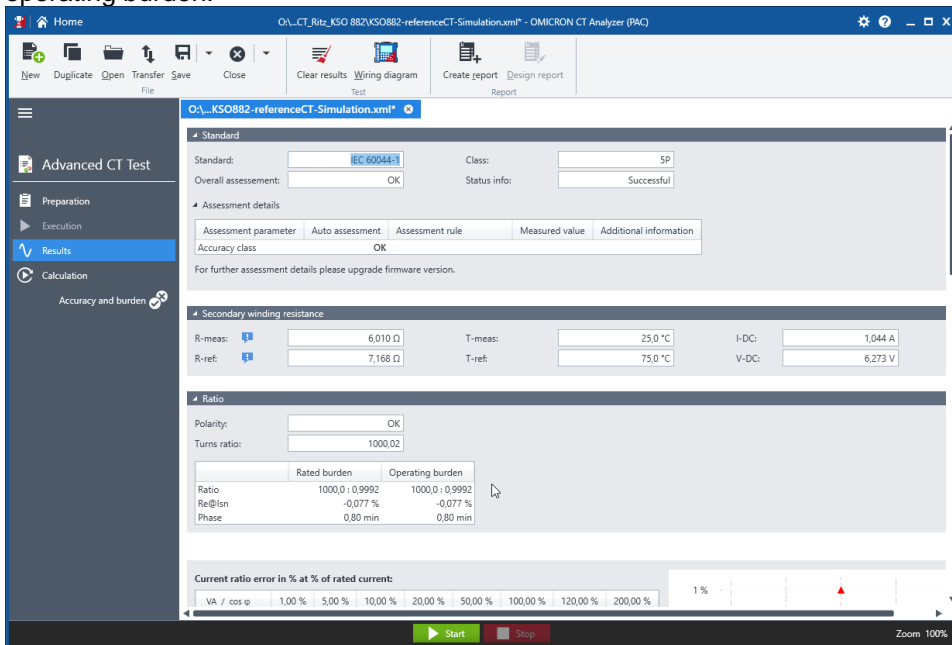

1.1   Results shown during measurement

Already while the measurement is running, the most important results are shown in the PC software as soon as they become available during the measurement cycle.
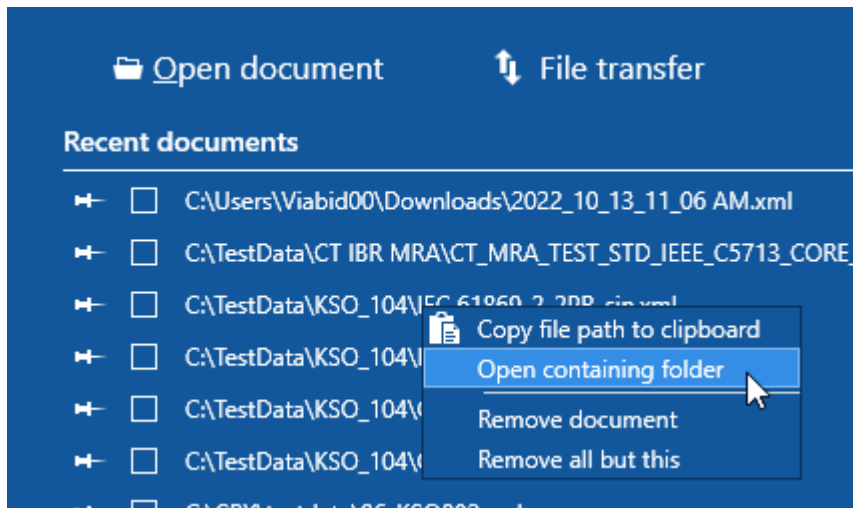
1.2 More data in results screen

We have improved the Results view, with now more measurement results data directly shown without needing to create a report first. One example is the ratio error results both for rated burden as well as for operating burden.

1.3 New features in file transfer dialog

The file transfer dialog got several new features:

The "*Open containing folder*" context menu has been added to the recent document list

For better usability, some features have been added:
- When the file transfer dialog is reopened from the home screen, the folders from previous use should be remembered
- When the file transfer dialog is opened from the test view, the folder from the location of the active test should be used, e.g. actual test is saved in "c:\mytest\TS620.xml" use "c:\mytest\" for left pane
- For the right pane the last opened folder is used after established connection to the device

When you copy several files, the status is visible, and you know that the software is active and not hanging.

1.4 Simulation/Calculation module

- Class parameters shown in the results table
- Inner tap assessment aligned with standards
- It is now possible to load and save the results of a Calculation

Ip	Burden	cos φ	RE@Ip	RCF	Phase displ. (Δφ)	TCF assessment
100,00 %	100,00 %	0,900	-0,07 %	1,0007	0,13 min	OK

Ip	Burden	cos φ	Ratio dev. (ε)	ε assessment	Phase displ. (Δφ)	Δφ assessment
100,00 %	100,00 %	0,800	-0,04 %	OK	0,23 min	OK

1.5 Burden values can be entered in Ohms

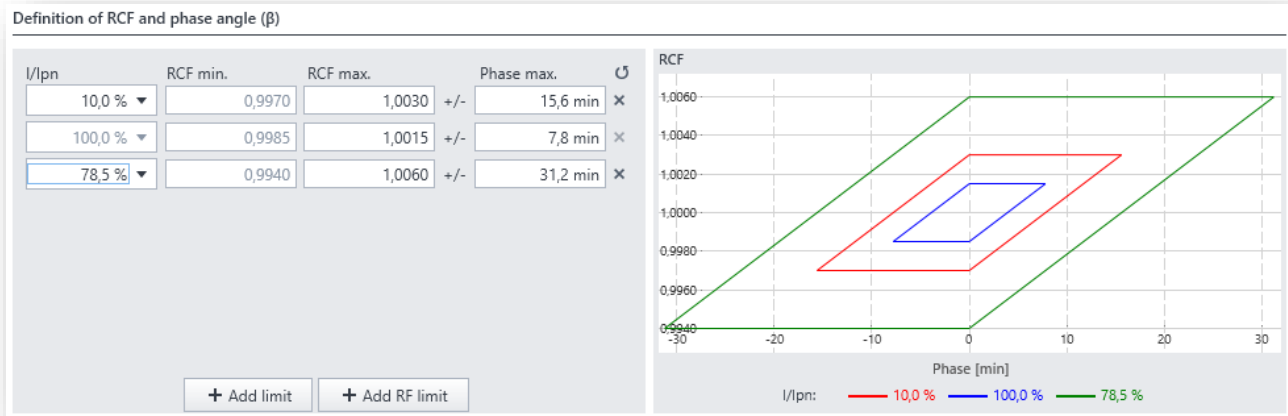For IEC transient protection (TP) classes, the burden values can now also be entered in Ohms instead of VA

1.6 Customized Assessment

- Error tables are now also calculated for inner taps
- Current limits are now freely editable for rule sets based on IEEE standard

1.7 Other improvements

- Support of Windows 11 64-bit
- Startup time of the application improved
- Improved content and design details of reporting templates

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