



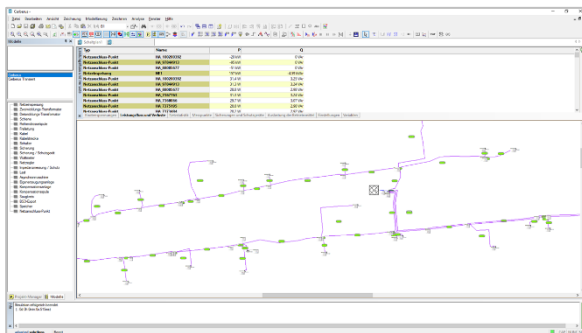
Cerberus - Version 13.0

Product Information

The new version 13.0 of the network calculation software **CERBERUS** by **Adapted Solutions** allows for the fully automated creation and calculation of network diagrams while computing times have been shortened and post-processing options have been enhanced.

Automated Creation of Network Diagrams

With extended interfaces for the import of GIS data and script-controlled operation, **CERBERUS 13** allows for a fully automated process which includes the import of external data to create the network diagram, carrying out the calculations and analysing the results.



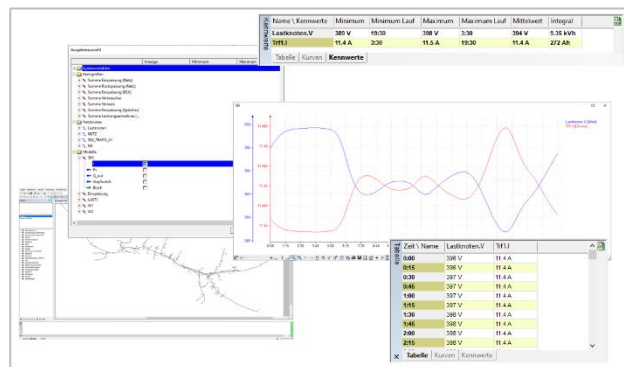
This opens up completely new possibilities for using **CERBERUS** in the area of network optimization and for the processing of connection requests.

The import of GIS data has been supplemented by a number of functions for handling different structures and links in the data.

Analysing a Variety of Network States

The possibility of carrying out a large number of load flow calculations with variations of network parameters or the use of load profile data, which has been available in **CERBERUS** for a long time, has been revised and optimized.

In **CERBERUS 13.0**, the evaluation of all calculated values for all analysed network states is possible in the form of configurable tables and graphic representations. By parallelizing and optimizing the calculations, the computing time has been reduced by more than 90 % compared to the previous version.



Functional Extensions

The subsystem technology implemented in **CERBERUS** has been modified in such a way that the restriction to two description levels could be omitted and any number of subsystem levels is now possible. The creation of subsystems for transformer stations and cable distributors is supported by special input dialogs, which also take over the task to create the circuit diagram.

The display of the calculation results has been supplemented with the display of the analysis settings and the values of the variables used. A number of optimizations have accelerated both the functions for editing the network diagram and for evaluating the results. When calculating large network models, the reduction in computing time is more than 50 %.

CERBERUS 13.0 is fully compatible with previous versions. The software supports the operating systems Windows® 7, Windows® 8, Windows® 10 and Windows® 11.