



Cerberus - Version 8.0

Product Information

Due to the development of new interfaces in the version **8.0**, the range of applications has been increased significantly for the network calculation software **CERBERUS** by **Adapted Solutions**. The most important new features of **CERBERUS 8.0** are:

OLE Interface

The new OLE interface allows for a script-controlled use of CERBERUS. Functions are available to automatically launch CERBERUS, load schematics, read and write component parameters, run analyses and analyse results. Possible applications are data-exchange with GIS software or the calculation of load cycles and parameter sweeps (e.g. by using Excel).

http Interface

Similar to the OLE interface, the http interface (new development too) allows for the control of CERBERUS using the http protocol. A server that is integrated in CERBERUS may be used for the communication with other software as for examples web-based applications or simulation clusters.

Model Extensions

Driven by recent technical trends, the model of the two-winding transformer has been extended in a way which allows for the integration of a voltage control as it is used in regulated local grid transformers.

The model of the alternative power source has been extended by a function to limit the apparent power.

New Function in the Graphical User Interface

The schematic entry of CERBERUS does now offer functions to define the background design, set the font and size of displays (component names and parameter values) and selectively hide the display of parameter values. With the help of a log functions, the parameter changes may be traced back for all models.

New Licencing Scheme

A new licencing algorithm does allow for binding licenses to a dongle or a network license server.

CERBERUS 8.0 is entirely compatible with previous versions. During the installation, user data and settings will be copied from that version that has been installed most recently.

CERBERUS 8.0 runs under Windows XP, Windows 7 and Windows 8.

