

Facilplus Spatial/E Release Notes 4.6

News and enhancements

Mapper

- When creating “Free unpostable text” now up to 2000 characters can be used. [8420]
- All code lists in the electrical application have now an “Active”-field. It is hence possible to hide non-relevant code list values. [11020]
- In the Query Tool you now find a number of “Coordinate reports”. Using these reports give you can a list of substations, delivery points, poles, earthings, cable pillars and line switches with coordinates in the coordinate system used for storing. [13252]
- Earthing switches and work earthings are now available on all voltage levels as objects inside the substations. Hence it is possible to use the earthing switches in the same way as all other switches. [14119]
- The “Transformer cables” can now only be created and placed as substation objects. [15123]
- A new tool for adjusting the apparatus in cable pillars is introduced. The function is found in the “Tools” menu and will enhance the position of the switch devices in the cable pillar. [15210]
- It is now possible to configure the creation of a fork mounted breaker consisting of a breaker together with a disconnecter and placed in one command. [15274]
- The X, Y columns, visible in attribute forms of some objects, is now hidden. These values were earlier primary used for compatibility reasons towards older systems. The true coordinates are today stored in the spatial tables.[15320]
- It is possible now to see in the post dialogue the objects have been changed and therefore could be posted. [15391]
- To see all attributes of the background map object use the new function “Edit -> Show background map attributes”. [15803]

- Reports for electric equipment in Query tool tab (Tools -> Query tool -> Reports -> Electric equipment) is sorted and divided into logical sub-groups. [15887]
- The object “Earthing” is enhanced with a new component “Earthing impedance measurement”. This component can be used after inspections and a new row is added in the attribute table after each inspection. [15991]
- The naming of redlining and free placement graphic objects now more consistent. These objects are now called “Free postable graphics” and “Free unpostable graphics”. This is valid for text, symbol and line objects. [16064]
- A new code list, “Other info” for transformers has been introduced. The standard values in the code list are: “Isolating transformer”, “Local balancing”, “Normal”, “Voltage regulator”. [16089]
- In the function "File-> Import-> Geo data with attributes" it is possible now to map optional electric objects from a text file in order to import and create objects with both graphic and attribute data. [16105]
- Now, when creating announcements, the subscription EAN code will be part of the mail header as well. [16365]
- A new object ”General relay” has been introduced. It can be used to document relays. However, the network calculation program still considers the objects “Overcurrent and Earthfault relay”.

Analyzer

- The calculation report is now enhanced so that the screen result is displayed in two parts, one - for the internal substation result and another - for the network result. Now in the printout presentation all pages are given a relevant header and page number [11484]
- It is now possible to configure that monthly meter readings of power can be imported, stored and used by the calculation program. [14539]
- A new object “Series Reactor” has been introduced. It can be created in the schematic view in the same way as a switch device. The object is primarily used to reduce high short circuit currents in outgoing feeders. The calculation program has been updated to handle this new feature. [16094]

Corrections

Mapper

- A problem with creating multiple cable texts in parallel with a line is now solved [8321]
- The attribute form for street lighting cables did not always show the correct end points. This is has been corrected.[[13975]
- All trace functions below "Tools-> Trace" now correctly handle open switch locations. The trace will always stop at such a point. [15587]
- The percentage additional length for conductors defined in configuration files could earlier not be customized. This has been corrected. [15717]
- The "Import Topocad file" alternative has changed name to the more appropriate "File-> Import-> Geodata with attributes". [16137]

Analyzer

- When using several (and connected) equivalent sources in a network sometimes a faulty short circuit impedance calculation could be the result. This has been corrected.[11063]
- The calculation program could in some rare cases ignore the use of C-factors when using resistance increase factors for conductors. This has been corrected.[15738]