

Facilplus Spatial/E Release Notes 4.4

New features and enhancements

Mapper

- The view only application in Mapper /E has been modified in such a way that the standard application is used but the appearance of the application is completely based on user rights. A user with read only rights will now not be able to see any placement or modification tools. [3305]
- Standard products for Mapper/E have been enhanced. A number of new product classes for the rural product have been added. [8533]
- It is now possible to create cable texts with reference lines. [13296], [RT744]
- It is now possible to place construction graphics, arrow. Hold down the mouse button while placing. [13300], [RT1401]
- The management of related objects on poles/earthings/multi points is enhanced in that the same information is now found after a right click > *Related objects* as from the tab in the attribute form. [13467]
- The Cable pillar template is enhanced in a way that you now also can create templates in the schematic presentation. [13775]
- When creating new substations, cable pillars, breakers and disconnectors it is now possible to automatically store the current year as a new value for the field *Installed year*. [13824]
- A new object, *Anchoring, street lighting*, has been introduced. It is used to indicate where the support line is connected to the house body. [14236]
- The Bay trace function is now enhanced in such a way that the trace can be started from the bay or bay switch in the schematic presentation. [14518]
- The fields *Locality* and *Installed year* are now available in the standard pole forms. [14705]
- The possibility of creating ring connectors has been standardized. In the map it is now possible to create ring connectors for feeder cables, service cables, street lighting cables and earth lines. In the schematic presentation it is possible to create ring connectors for feeder cables and earth lines. [14709]

- The *active* field has been added to a number of code lists. By setting the *active* field it is possible to change code list entries to historical values, i.e. not normally presented. [14723]
- A new code listed field has been introduced in the transformer form, *Other information*. In this field the choice can be of the type: Insulation transformer, Local compensation or some other valuable information. [14834]
- The possibility to use template substations and pillars created earlier than release 3.8 is now removed. The data model for templates has now completely changed and hence the templates < 3.8 can no longer be used. [15204]

Analyzer

- It is now possible to indicate the resistive contents of neutral point reactors. A printout of the resistive contribution (Active losses) is given as current.
- Now it is also possible to make calculations and receiving calculation reports on three winding transformers. [14210]
- When making printouts from the static reports now headings on all pages are available. [14552]
- In the calculation an improved logic for identification of correct C-factors has been introduced. In the reports this C-factor now is presented to give the correct information regarding net reductions. [14627]
- A new tool for storing measured currents in bays is added. Together with the new functionality in the network analysis module it is now possible to make a load calibration between measured loads and reported consumed energy from the billing system. [14982]

Corrections

Mapper

- There were some fields which had the same name in the main component and the customer component (own data) and thus caused confusion, e.g. when creating user queries in the query tool. This has been corrected. [14000]
- The *Alternative ID* text component has been added to a number of object types that missed the component. [13582]

- When creating the *Feeder label* object it was earlier possible to try to link the object to cables even before it was created. This possibility is no longer available. [13626]
- It was earlier possible to select winding objects when placing transformers from stores. This resulted in error messages hard to interpret. It is now possible to select transformer bays only. [13666]
- When trying to create switches/bays from a locked bus bar the placement was aborted without an error message. When trying to connect to a locked object an error message is now given. [13906]
- Sometimes when creating a template service cable pillar the wrong symbol (a triangle) appeared. This is now corrected. [14240]

Analyzer

- When making a calculation including fuses giving long tripping times, sometimes this didn't result in alarms although the tripping times were longer than the set alarm times. This is now corrected. [14830]
- When calculating network with more than one electrical source (equivalent source with electrical properties set) it sometimes happened that that a source was included more than once in the calculation. This is now corrected.[15450]