

Facilplus Spatial/E Release Notes 4.2

Mapper

New Functionality

- Request, 'Show connections' should highlight objects in the map when selected in the list. [5360]
- Request, To be able to create bays and transformer bays as single objects [7852]
- The presentation of parallel and meshed lines is improved from the 'Cable pillar card' function. [8895]
- Request, The right-click function 'Related objects' now also displays relations between earthings and protected objects. [10267]
- Request, it is now possible to create Line breakers and Line disconnectors in the overview map product. [10713]
- Request, it is now possible to create cable pillars in the overview map product. [11228]
- It is now possible to add alternate relay settings to all relays. [11421]
- A new tool, for updating 'Annual measured loads' in bays, has been introduced. [11432, 12261]
- Request, New symbols for crossing lines and animal protection to be used by helicopter inspections. [11862]
- New post checks for objects in store have been introduced. They are required to prevent posting store objects containing graphical components (and thus keeping data consistent). [11918]
- A filter row has been added to the template creation dialog (e.g. substations template) making it easier to find a specific template. [12499]
- It is now possible to link several cables to a route in one command. [12546], [RT 274]
- The search tab now contains more search fields for searching customers (e.g. address, meter number and phone number). [12551, 12552], [RT 680]
- Naming of free lines is now consistent for feeder lines and service lines. [12553], [RT 871]

- It is now possible to differentiate station or feeder areas by coloring the network. [12557], [RT 1027]
- It is now possible to create disconnectors and breakers inside MV cable pillars. [12609], [RT 607]
- Id's of breakers and other disconnecting devices are now saved in template substations. [12947]
- The generator symbol has been changed to a G surrounded by a circle (previously Gen). [13057]
- The transformer attribute form has been simplified. [13254]
- It is now possible to create fuse size texts in the map as well as in the schematic view. [13295], [RT 722]
- A new object type, neutral point reactor, local compensation, for documenting such devices in secondary substations has been added. Placement and connection are simplified compared to neutral point reactors in primary substations. [13434]
- The basic functions in the menus are now identical in Facilplus/E and DP/Com (common configuration files are used). This also means that some functions have moved, such as 'Change password' which has moved from the 'File' to the 'Settings' menu. [13509]
- A 'Remove link' button has been added to the 'Show Pipe/Route contents' dialog. [13683]

Corrections

- Street lighting switches are now separated from standard 0.4 kV switches. [5416]
- Now the same symbols will appear when a component to the switch is placed compared to when the object was created. [6093]
- Construction graphics texts can now be altered. [8388]
- When creating a 'Pole with armature' now the joint in the pole will receive the correct size. [12019]
- The names of deleted templates can be reused. [12055]
- Joints can now be related to poles with the function 'Tools -> Other relations -> Child'. [12124]

- The appearance of the symbol on joints and armatures can now again be altered by changing the value of the field `object_category` in the attribute form (in the background the table `dp_dynamic_symbols` is used). [12197]
- The placement cross, used when defining templates, now has a more centered position. [12220]
- The check box 'Within trace' no longer show up when using 'Search -> Electric equipment -> Transformer with ID'. [12370]
- It is no longer possible to select objects from the background map after choosing the command 'Show object lock' or 'Create component for object'. [12462, 12467]
- The function 'Tools -> Measure -> Line segment' now show the segment length only. [12701]
- The function 'Create -> Component for transformer' now only accepts a transformer object as selection. [12749]
- The symbols of street light switches in the street light pillars will now change based on selected object category. [12867]
- The function 'Move bay with connections' can now also be performed on street lighting bays. [12942]
- When changing the object category for switches the size of the symbol will now be fetched from the `elstate_symbols` table if a size value is found there. [12996]
- It is now possible to create cable texts for signal, earth line and street lighting cables. [13012]
- A problem which caused the function 'Cable pillar template -> Create and connect' not to work has been resolved. [12365]
- The form for Ring connector service cable will now be correctly displayed. [13399]
- The problem of sometimes not receiving the right click menu for line disconnectors is now solved. [13504]

Configuration Options

- A function has been developed to create a new change set for testing different switch settings without interfering with the currently documented switch settings. This function has been implemented for individual customers in 4.2. [11360]

- New fields for "environment attributes", such as PCB, number of fluorescent lamps, insulation glass and floor filler have been added to the station component (2023). [13086]

Analyzer

New Functionality

- Calculation of selectivity margin. [11289]
- Location of earth faults. [11430]
- Improved calculation reports regarding network reductions. [12179]
- The calculation network trace now also considers bus bar connections on higher voltage side of a multi transformer substation. [12541]
- The calculation forms are now minimized instead of hidden when the result presentations are active. [13170], [RT 729]

Corrections

- It is no longer possible to find duplicates of DNR together with SNI_CODE in the table NETCALC.DIVERSITY_SNI_CODE. [3674]
- National characters will once again show up correctly in the calculation reports. [10627]
- The calculation report printout will now correctly continue after a neutral point reactor. [12906]