

Base Platform Release Notes 4.8

New features and enhancements

- It is now possible to switch tabs with Ctrl-Tab and Ctrl-Shift-TAB (as well as Ctrl-Page up/down). [7505]
- It is now possible to ignore case sensitivity for search fields in user defined queries. When creating the query, the user sets search fields as either "Ignore case" or "Case sensitive". [8223]
- Paths to the latest used directory for import, export or reference files are now saved and used as default directory next time. [8962]
- Symbols are now rotated according to the coordinate transformation used in the XML import. [9914], [15054]
- When adjusting Theme settings, it is now possible to restore individual product classes and individual attributes to their default database settings. [11708], [16485]
- Searching for text components in map now also works on texts in background maps stored in the DPS format. [13519]
- The Query Tool now uses a scroll bar if the number of query parameters is very large. [13750], [15034]
- There is now a check box in the parallel copy dialog to keep the entered offset value throughout the session. [14606]
- The old third party based DXF reader is being replaced with a new Java-based reader. Both readers are available in the current application version, but as of version 5.0 the old reader will be phased out. [14686]
- A new geodesy function, *intersection*, has been added to the geodesy dialog. [15288]
- The object history dialog (Show > Object history) now also displays the object type and object id in the title bar. [15469]
- A command line program is now available for converting shape files to DPS files. It can also be configured to import selected layers into the database. [15804]
- It is now possible to store user information together with the user name, such as first and family name, email address and telephone number. Once complete names have been entered they will be displayed in the object history and attribute forms containing the field *Altered by*. User information is entered from the *User information* dialog in the Administration menu (administration role required). [15924]
- The dialog that displays all existing components for a given object (Show > Object History) is now easier to read, and also provides a few more column headers in clear text. [16199]
- Plot: The Free Plot dialog is now more user-friendly and is now included in the side bar menu. [16277]
- More menu items have been given mnemonic keys (for selecting menu items with a letter instead of using the mouse). [16290], [16291], [16293], [16296]

- When loading a Shape file containing point data the points are now loaded as symbol components. [16375]
- The user interface for resolving conflicts in optimistic change sets, when posting or converting them to pessimistic ditto, has been improved. Conflicts are now grouped per object type and it is possible to apply the same resolution for either one component (as before), for the whole object or for all conflicts in the change set. [16476]
- The settings panel for individual drawing attributes is now easier to understand. When placing symbols there is a drop-down list of common symbols as well as fields for setting the size of the symbol. [16529], [17325]
- The flip geometry tool (Edit > Component > Turn drawing direction) now gives instructions in the status bars. [16554]
- It is now possible to load DPS files, for example with redlining data from the offline client, as reference files. [16723]
- Plot: When plotting several pages at once, page numbers will now be displayed in the Overview tab. [16772]
- Plot: It is now possible to choose between two alternatives when plotting, either use product settings or view settings (similar and improved modification of the *Keep theme* setting 4.4. [16847]
- Saving a table result to spread sheet format (e.g. Excel) now writes the file directly to the client, improving both speed and capacity. When choosing the spread sheet export a dialog opens allowing you to select where to save the file. [16849]
- The WMS client now handles different coordinate systems better. [16934]
- Shape file imports now handle different character sets for the dbf's better. [17028]
- When placing points using the right-click function "Enter coordinates..." it is now possible to enter a Z-coordinate as well as X- and Y-coordinates. [17073]
- More menu icons have been added in the user interface, e.g. for Export/Import. [17157]
- The dialog for administration of users' worksets now includes an *Id* column. [17263]
- Plot: When plotting with text frames, the frame's texts and settings are retained for the duration of the session. [17386]
- A command line program for importing Shape files to the database is now available. [17398]
- DP/Spatial now supports GPX files (GPS Exchange format) as reference files. [17421]
- It is now possible to place a point on the current geographic position (when a GPS pod is used with DP/Spatial). [17433]
- It is now possible to use raster from tiled raster providers like openstreetmap.org (OSM). Street maps from OSM are displayed in the Legend tab (Theme settings). [17531]
- The show geometry function now indicates what coordinate is Northing and what is Easting. [17596]
- Paths to linked documents are now saved and used as default directory next time. [17637]
- It is now possible to select and copy the text in the object history dialog. [17674]

- It is now possible to export free unpostable graphics in the change set to a DPS file (which can be displayed in the offline client with redlining option). [17703]
- When opening a DPS file as reference data (File > Reference data > Open vector file > DPS...) there is an option to show the DPS components in a table. [17768]

Corrections

- Adjustment of the size of the side bar is now retained when toggling sidebar on/off or saving frame settings. [7636]
- Resizing the map to zero width or height now keeps the scale and position instead of crashing the geometry drawing. [10439], [13441], [16630]
- In the previous version it was only possible to abort text placement when inside the zoom interval where the text was visible. This has now been corrected. [10476]
- It is now always possible to cancel the *Choose change set* dialog when logging in. [12010]
- The selection manager could sometimes crash if selection/highlighting of objects or components were made on background threads, this is now resolved. [12202], [16760]
- Loading TXY-reference files now recognize the selected coordinate systems. [12691]
- Converting a line segment to a circular arc segment no longer crashes when grid lock is used. [12874]
- Showing all codelist values no longer crashes with a NullPointerException when the codelist uses a subtype. [12928]
- Unloading and reloading a reference file now works correctly. [14488]
- Plot: Coordinate texts are now always visible in the preview window. [15216]
- Exporting to the format "Geo data with attributes" no longer crashes if coordinate systems are not set in the export dialog. [15462]
- Placing localized texts now shows the correct text during placement (instead of I18N(...)). [15483]
- The function for transformation of coordinates in Query Tool reports, in most cases, now makes a better guess of what field to use as Northing and Easting. [15925]
- The snap cross is now displayed on top of the highlighted component that the snap is performed on. [16279]
- The option to set a scale factor in the Plot preview has been re-introduced (the function was temporarily removed in 4.6 because it could result in incorrect map scales - a problem which has now been corrected). [16452]
- Additional dialogs can now be closed with the "ESC" keyboard button , e.g. *Change justification settings*. [16570]
- Complex line styles with width in pixels could become very wide when printed to A0 or A1 formats, now they come out sized correctly. [16617]
- The Toolbar and Status bar did sometimes indicate that the *Show/change attributes* was the current active function even when it wasn't, this has been corrected. [16633]

- Plot: Raster files did not always load correctly when using *Reload all views* from the plot preview window, this has now been corrected. [16696]
- Plot: Raster files outside the original view were not always displayed in the plot preview window, this has now been corrected. [16698]
- Plot: Defining the plot area in a view that wasn't active when *Free plot* was started ended up with the wrong view in the preview window, this has been corrected. [16699]
- Plot: When printing several map pages the page numbers are now only visible on the overview page. [16700]
- The buttons in the reference file handling dialog are now only active when they will actuate an action, for example: one must select a reference file to be able to click the "Unload" button. [16703]
- Loading of KML files now works better and has been updated to support KML version 2.2. [16719]
- The drawing attribute tool could sometimes throw a `NullPointerException` when exiting, this is now fixed. [16740]
- Plot: Printing a map with attached WMS layers now print with better quality. [16753]
- The "Search" button is now inactive until all required input data for a Query Tool report has been entered in correct data format (e.g. the button is inactive if entering letters into a year field). [16831]
- The functions *Fit view to highlighted* and *Fit view to workset* are now a lot faster and handle many more highlighted objects. [16832], [17369]
- Plot: The frames indicating each plot area were visible in all views in the preview window, the frames are now only displayed in the Overview tab. [16851]
- Plot: The frames indicating each plot area were not updated in the overview when they were moved, this has been corrected. [16853]
- Query Tool windows, started from the application, are now closed when the application is closed. [16890]
- Pressing Shift while in Pan mode previously disabled the zoom function on the scroll wheel of the mouse, this has been corrected. [16924]
- Shape file reading now produces a warning, and no longer crashes, when a line contains only one point. [17162]
- In some instances, the option "[x] inside current view/active area" was sometimes not available in the Query Tool when the client and the database used different coordinate systems. This has been fixed. [17309]
- Text placement using "Rotate text relative object" now also follow polygon lines. [17319]
- Printing a map containing raster images while using view settings could sometimes cause raster graphics to not show in the print, this has been fixed. [17337]
- It is now possible to skip entire layers when converting DGN files to DPS files. [17420]
- Right-clicking on a work area to open a connected change set, which had been deleted, failed and resulted in a crash, this has been corrected (applicable to NIS/GIS-products that use the object type *work area*) . [17446]
- The DGN reader now handles arc segments that are true full circles. [17488]
- Correct line styles are now used for static map and WMS generation. [17508]

- Line styles with symbols now draw the symbols on top of the lines even when using circular arcs. [17556]
- It is now possible to choose distance "0" when placing lines with an offset from existing geometries. [17631]

Configuration options/system management tools

- Standard symbols are now grouped and stored in a symbol font named *DEFAULT*. [8057]
- The XML import program gives more specific error messages when field values in the XML file to be imported do not conform to the data type of the field in the database [14648]
- It is now possible to use `include_cust_if_exists` even for the offline applications configuration. [15007]
- It is now possible to specify a table name, like "opto.grag", to use for coordinate system in queries that supply `DP_NORTH` and `DP_EAST` columns. [15059]
- A new java based upgrade program is now available, making it possible to upgrade windows and Linux/Unix systems with the same tools. [15646], [16836], [17266], [17267]
- `StaticMap` can now also generate PDF files. [15796]
- The module `app/plot` has been moved to `sys/plot` so that it can be used by more modules. [16398]
- It is now possible to specify the border color used when plotting. [16459]
- It is now possible to specify what url to use when canceling login to Facilplus (`cancelURL`) in `local_settings` (making it easier to upgrade/install customers where this has been changed). [16499]
- It is now possible to specify `showLangChoice` in `local_settings`, making it easier to upgrade/install. [16500]
- There is a new text trigger available that gets the current Z-value from symbols. [16583]
- When using background maps outside oracle it is now possible to reload the index information from the status pages. [16724]
- When using background maps outside Oracle it is now possible to set a time so that the index information is reloaded every X hours, thus making the new maps available for the users without having to restart the Tomcat server. [16725]
- It is now possible to create line styles that have symbols only in the start and end points. [17147]
- There are a few new fill styles available, e.g. one that fills with small rings. [17167], [17411]
- The function "Show data from any spatial table" now handles invalid geometries without crashing. [17563]