

# Base Platform Release Notes 5.2

## New features and enhancements

- There is a new function "Hide using selection" that hides the geometry types in the current selection. e.g. all symbols of a certain object subtype. [7694]
- Importers (administrators with the "import" role) can now delete background data from within the application. [9999]
- In the Codelist manager tool, the drop-down list with codelist *Name* and *description* is now filtered as you key-in matching characters. [14739]
- The marker for search queries (red cross) is now displayed in the map until the users clears it away (using Re-paint graphical view). [14841], [RT 1833]
- The work flows for setting the available print alternatives in the Free plot tool have been changed to avoid unnecessary mouse-clicks and to make them work in similar ways. [17078]
- In the Free Plot Tool, it is now possible to adjust the placement of text frames individually in multiple page printouts. In addition the text frames can now be moved by clicking and dragging them in the preview, and edited by right-clicking on them. [17243],[19073]
- Texts can now be customized to follow the outline of a general curve (i.e. splined text). This has been implemented in DP/Cad in 5.2. [17452]
- There is a new placer available (Free graphics) that lets the user create a rectangle of a defined width and height. In the current release this feature is included in the electrical power application, it will be included in other applications in future releases. [18027]
- When exporting, a confirmation dialog is now shown when the user tries to overwrite an existing file. [18205]
- There is a new query available (Search > External services). The "Name Search (OpenStreetMap NameFinder)" query lets the user search for streets, road and cities. [18795]
- User-defined settings for *Scale dependent* on graphical components in the Legend view are now saved in the user's Frame settings (previously only *Show/Hide* was saved). [19266], [RT 1700]
- The Coordinate transformer tool now allows the user to pick coordinates from the map as well as display the current coordinates in the map. The dialog is also wider so that all values are visible. [19551], [19553]
- The DXF to DPS converter now supports the "-warn" flag, so that it is possible to identify any unmapped entries in the DXF source file. [19779]
- Polyline3D elements are now supported by the DWG reader. [19789]
- Warnings about missing mappings can now be enabled in the client-based DXF importer. Unmapped layers are listed in the Import log file. [19793]
- A selected command in the Command tab can now be activated by pressing *Enter*. [19810]
- An entry saved as a Favorite (in the Sidebar's Favorites tab) is now automatically visible in the tree view. [19853]

- Layer names for exported DXF can now be generated in a few different ways, to make them easier to interpret by external users. [20009]
- The exporter for Shape and DXF (new) now have a "Clip to to view border" checkbox, allowing the user to control this setting. [20032]
- A confirmation dialog is now shown when the user successfully export data to the Shape file format. [20096]
- Exported Shape files are now given a prefix that is the same as the user-given export folder name. This makes it easier to identify a particular Shape-file. [20098]
- The DPS reference viewer now also supports compressed dps.gz files. [20159]
- It is now possible to produce a mapping file skeleton given a set of Shape files, which facilitates scripted imports. [20165]
- When showing raster files it is now possible to dim the raster images, as well as make them transparent. The new setting allows the user to dim a selected raster image, within the range *Dimmed* to *Full color*. Dimming complements settings of raster transparency and is used to keep the raster image from bleeding through overlying data. [20201, [20399]
- The DXF reader now handles frozen layers (set to hidden per default, can be switched on manually). [20560]
- In the right-click menu, the command *Show* (in active view, etc), is now available in the top section for easy access. [20567]
- The filter function now looks at the full menu path when matching a text string entry in the filter box, also headings in the tree structures (e.g. in the command and search trees) will now be matched and displayed. [20573]
- Double clicking on an attribute node in the legend now opens the drawing attribute information for that node. [20612]
- It is now possible to restore the drawing attributes for reference files. [20661]
- In the Free plot tool, it is now possible to set font size in *points* and in *millimeters*. [20877]
- It is now possible to copy a view to the clipboard so that it can be pasted into other applications. [21032]
- Since 5.0 it is possible to double-click in a date field to set the current date. A minor change has been made to this function in 5.2 so that this now only is possible when there is no previous value set in the field. [21049]

## Corrections

- When saving a plot to PDF the file name automatically gets the ".pdf" extension. [10384]
- In query results that are saved to a text file, otype and subtype are now presented in plain text (not as numbers), just like they are presented in the results table. [10503]
- Rotating the map multiple times using the Rotate map tool in the Free plot preview now works more intuitively. [11480]
- Unique fields are now automatically filtered out when copying field attributes during cluster placement. [12688], [12852]
- Templates (clusters) created in applications that used a coordinate system different from the database were previously rotated in an unexpected way, this has been corrected. [13516]

- Exporting an image now uses a fence that correctly (without rotation) shows the rectangle to be exported, even if the user has selected a rotated coordinate system. [15138]
- The status messages and prompt messages for the different export options have been harmonized. [16551]
- Trying to post two change sets that both delete the same relation now works again. [16896]
- Escape and Enter now control the attribute form and not the date field in attribute forms. [18330]
- Placing or editing lines with custom line styles now re-draws the screen correctly. [18881]
- The function "Delete vertex" did not always work as expected for circular arcs, this has been fixed. [18921]
- Previously it was not possible to access right-click menus on the search results of user-defined queries that contained attributes from several components, e.g. from the main component and from the *own data* component. This has been corrected. [18950]
- Reference file saving and auto loading are no longer limited to a small set of files. [19063]
- It was not possible to save a user query where only the selected column had been re-sorted, this has been fixed. [19082]
- Aborting the function "Show in other view", when there was no component visible in the active view, previously changed the product of the view. This has been fixed. [19086]
- The drop-down Toolbar buttons did not highlight when their corresponding tools were activated, now they do. [19321]
- The date format in the Free plot preview is now written in the purely numerical form, e.g., "2010-02-08", not "2010-feb-08". [19338]
- Adding a vertex in some cases set the Z value of the new point to "zero" instead of calculating the value from the two surrounding points. [19451]
- Date picking did in some cases require double clicking on the OK button to select the date, now only one click is needed. [19485]
- It is now possible to select patterned polygons that have a transparent center color, even when clicking inside the polygon. Previously it could only be picked near the boundary. [19532]
- The tool "Distance and angle" has been re-named to "Distance and *bearing*" since it measures the angle between due north (0 degrees) and the selected point. [19595]
- Command history were not always updated correctly for some tools that have many menu options (for example the Buffer zone tool). [19613]
- The new DXF reader now handles block inserts better, previously this could cause symbols to be placed on coordinates (0,0). [19796]
- DBF text strings are now trimmed by the Shape importer. [19861]
- The DXF mapping file generator in some cases output invalid entry for the <Line type> key, this has been corrected. [19872]
- Using the *Use View settings* in the Free plot tool now plots an orthophoto set to *visible*. [19973]
- Entries saved to the Favorites tab now include the menu path, making them easy to distinguish. [19977]
- The new DXF exporter now handles complex lines better. [19982]
- The new DXF reader now strips away underline information on texts, since this is not yet supported in DP/Spatial. [19993]

- Improvements have been made on how polygons are exported to DXF. [19998]
- It is now possible to edit Page setup (File menu) when working in another user's Change set (File > Review...). [20085]
- Selecting and moving several components will now again use the first vertex on the first selected geometry as the center of movement. [20114, 20526]
- Loading maps from both the database and from DPS files, with different coordinate systems for the loaders now works correctly. [20122]
- The DXF to DPS converter now handles polygons correctly. [20156]
- The DBF files that are generated from Shape export now uses point as decimal separator. [20163]
- Color handling of RDW files now match Kartago better. [20246]
- Single page printouts in the Free plot preview do no longer show page numbering. [20258]
- If the conflict resolution dialog shows when trying to convert a change set from optimistic to pessimistic the "Retry" button will now be labeled "Convert" and not "Post". [20265]
- In the Free plot preview, the given "Scale" in the Text box is now updated correctly when as the user makes any changes to the scale. [20276]
- The DXF exporter can now generate very large files without getting out of memory. [20294]
- Fill styles for styled fills are now showed correctly also when a DXF file is loaded. [20349]
- Rotated texts are now handled correctly when exporting DXF files. [20367]
- The coordinate system selector now shows the correct localized coordinate system name for client and view coordinate system. [20403]
- The tooltip for date fields no longer shows duplicate date formats. [20438]
- The DXF exporter previously could crash when exporting graphics with arcs to other coordinate systems, this has been corrected. [20604]
- The DPS converter previously could enter an infinite loop when converting a very tiny area, this has been corrected. [20647]
- In the Legend/Theme settings, clicking Reset to roll back to the original drawing attributes now also works as intended for vector Reference files. [20661]
- Switching between the Free plot Legend setting "Use Products settings" and "Use View Settings" now effectuates the changes correctly and no longer requires the user to open the Preview twice. [20671]
- Copying polygons loaded from reference files now converts to the correct dimensionality, this could previously cause problems when copying geometries from shape reference files. [20708]
- Saving a query result to a text file no longer appends a semi-colon delimiter after the last column. [20801]
- In the "Create Query" dialog, the "Name of the query" field is now colored pink to indicate that it is a mandatory field. [20802]
- When loading KRF reference files the file filter is now set to "\*.krf" by default. [20822]
- Some functions in the Show menu, such as Show > Object history, were missing instructions in the status bar, this has been corrected. [20970]
- The export to Shape is now available even after changing to another user's change set. [21037]
- The DXF exporter (File > Export > DXF..) did not handle line widths correctly when its setting was set to "0", this has been corrected. [21256]

## Configuration options/system management tools

- It is now possible to use "include\_cust\_if\_exist" in connection rules. [14125]
- The application is no longer set to use the oracle 9.2 optimizer, giving slightly faster graphics loading and improving a lot of queries. [14496], [19951]
- It's now possible to configure an attribute form to display the date when the object was last updated (today each component's modification date is displayed). [17497]
- Line styles specified in *strokes.conf* may now specify an end offset as well as a start offset. [17555]
- Menu entries can now, similar to tool box icons, have tool-tips that describes the function in more detail. [17868]
- A directory in Tomcat-site can now be exported and used for storing site-specific documents such as user's guides and similar. [18826]
- It is now possible to concatenate fields and static text in the FRM files. [18907]
- The Symbol Editor tool now displays an error dialog if saving a symbol fails. [19495]
- It is now possible to allow individual graphics attribute also for components specified as GRAPHICS\_POLYGON. [19656]
- Java's graphics parameters for open GL (sun.java2d.opengl) and DirectDraw (sun.java2d.noddraw) are now supported also when using Web Start. [19663]
- It is now possible to double click to select the symbol font to edit in the Symbol Editor. [19677]
- The Symbol Editor now supports most of the standard keyboard shortcuts, like Ctrl+G for showing the grid. [19678]
- It is now possible to configure placers that are enabled or disabled depending on roles or features. [20461]
- It is now possible to configure a default offset per map product for the function 'Move lines towards other object' [20831]
- The config file for default attributes now has a include\_site\_if\_exists, making it possible for customers to change the attributes. [20921]

## Other

- Java: We recommend to use the latest available tested version of Java on the client (JRE), which when this was written was Version 6 Update 20.
- Oracle: We recommend to use the latest version of either Oracle 11.1 or Oracle 10.2 (11.1.0.7.0 / 10.2.0.4 when this was written). DP/Spatial is also compatible with some versions of Oracle 9.2, but since these versions are no longer supported by Oracle, running Oracle 9.2 is discouraged.