

# DP/Spatial Base Platform Release Notes 4.0

## New features

- The functionality for setting text size has been extended: text components may be set to a user-defined height value (in unit of meters) or to the value defined by the current map product. This makes it easier to produce a more uniform appearance of thematic map information, such as redlining components. [3851, 6642]

To set/adjust text height:

1. Select Edit > Component > Scale text/symbol
2. While in scaling mode, right-click and select

Select text height: In the Set text height dialog, enter a numerical value (in unit of meters).

OR

Reset to normal size: Resets the text size to the value defined by the current map product

OR

Cancel: Cancels the operation

Note: This function, as well as dynamic scaling, works only with single line text.

- It is now possible to configure and use text triggers in automatically generated graphics, such as node content in DP/Com. These types of text components were previously hard coded.[9189]
- The functionality of “Show object” has been modified. In the previous version, if an object had many and geographically dispersed reference components, these could be difficult to locate since the auto-scaling function attempted to capture all reference components. With the new enhanced function, reference components are now grouped and numbered in the map view. By clicking on its corresponding number displayed in a dialog window, the user can navigate and zoom to different groups of reference components. [9571]
- DP Spatial now supports the use of DWG files as reference data. File versions R14, R15 and 2000 are supported. [9840]
- It is now possible to link folders to objects, i e instead of linking each file in the folder it is possible to link the folder itself (via the Linked documents tab in the Attribute form). This extends the functionality of linking individual

documents. This has been implemented in DP/Cad and Facilplus Spatial/E and will come in other applications in future releases. [10297]

- Transformation of municipality coordinate systems to and from SWEREF is now available. Requirements are Oracle v. 10.2 or later, and that the appropriate transformation relationship is obtainable from the National Land Survey (LMV).[10801]
- The drawing of raster images has been enhanced, making place names and other text components more distinct and legible in the map view. The improved raster quality has an insignificant effect on loading times.[10844]
- There is a new option to show the origin for selected text components. Showing the origin may be useful when using the snapping tool, and also makes editing text components easier. This has been implemented I DP/Cad in release 4.0 and will also be available in other applications in coming releases. [11027]

To toggle text origins on or off:

1. Go to Preferences... in the Settings menu.
  2. Select the Texts tab.
  3. To show /hide origin for selected text components mark/unmark the check box.
- In some user scenarios, such as tracing large networks, the user may inadvertently try to open a very large number of attribute forms. This could seize system resources and cause unnecessary delays. To avoid this problem, when attempting to open 3 or more attribute forms at the same time, a Warning dialog opens, prompting the user to confirm or cancel the action. [11372]
  - A new reference file format has been developed and is now available in all applications. The new \*.TXY coordinate file is an ASCII-based, vector file format, which uses semicolon separated values (SCSV). The .TXY format is handled in the same way as other reference file formats, such as DXF and DGN. When a TXY-file is opened as a reference file, its data is represented as symbols of user-defined color, shape and size. [11495]

The TXY-format specification is as follows:

Free text (identifier); X(Northing); Y (Easting); Primary color; Secondary color; Symbol font; Symbol ID, Height; Width; Fill style

Example:

“Gas boiler;10099.123;97875.245;00FF00;00EB00;FV107;DEC132;4.2;4.2;0”

**NOTE!:** In the present situation the TXY format has the following limitations:

1. Transformation of TXY data is currently not available.
2. Opening TXY-files containing only a single coordinate point causes extreme zoom levels in which the symbol is not displayed.

These limitations will be resolved as soon as possible.

- The shortcut key Ctrl-I now opens the Show/change attributes window across all DP/Spatial applications (previously different shortcut keys were used in different applications). [11556]
- The task of connecting objects has been made more intuitive. Previously, the user right-clicked after placing the last break point, selected Connect in the right-click menu, and then left-clicked on the object to connect to. Now, eligible objects are highlighted when the user moves the cursor over them. To connect to a highlighted object, the user simply left-clicks on the object. [11866]
- In the Drawing Attributes Administration Tool, the justification (position) of text components are now set using a drop-down list containing the standard attribute values described in plain text, e.g. "Top left", "Bottom center", and so on. [11886]
- Selecting or highlighting a symbol no longer requires locating the exact position of the symbol's placement point, making it much easier to select any symbol that is partially overlaid by one or more objects. This applies to Snapping settings using "Break point, symbol placement point". [12068]
- When transferring a change set, the user now receives confirmation about the name of the change set and to whom it was transferred. [12099]
- In the Edit product class window (Product administration) the Member components tab is now the default tab, improving user interaction. [12103]
- When attempting to run user queries on objects that have no graphical representation, the check box "inside active view/area" is no longer available as a query option. This resolves previous issues where exceptions have been thrown in such user scenarios.[12178]

## **Corrections**

- An error in Kartago, under certain circumstances, caused symbols in DGN reference files to be drawn with incorrect height and width. This has been resolved. [2845]
- Previously, when placing an object in a "Placement loop" the current placement could not be cancelled by selecting and placing a different object type. This is now resolved, selecting a new object for placement effectively aborts the previous one.[8029]

- Under certain circumstances conflicts between optimistic change sets could produce broken links between objects, resulting in an error message given at posting. To resolve this problem, the application now clears any instances of broken links during posting of change sets.[10328]
- Attempting to display queried addresses containing sets of null or invalid coordinate values could produce extreme zoom levels where no map was visible. This has been resolved; now only valid coordinate values are displayed in the map, and the user is notified via a message window how many (if any) addresses contained no valid coordinates. [11135]

Note: This function is available only to customers who reference external property designation databases.

- Due to a faulty merge, there were application instances where no tables were configured in the Table manager in the Administration menu. This has been resolved by fixing the affected configurations. [11560]
- When importing a coordinate file using the MARIT format, mapped objects were not allocated an ID (corresponding to their point number in the MARIT file). In both the attribute window and in the map view, imported MARIT objects were labeled “????”. This has been resolved by altering the handling of text triggers. [11561]
- Using the panning tool in combination with the placement and removal of text frames in the Free plot Tool could cause exceptions. This has been resolved.[11643]
- In some instances attribute forms opened in a position partially outside the screen, making them difficult to control. This has been corrected. [11644]
- In applications that were configured to load with maximized windows, clicking on the Restore down button in the title bar did not cause the window to resize to the width/height values set in the configuration file. This has been corrected. [11702]
- Without caching, performance of DP/Webmap could drop. It is now possible to control whether data should be cached using the setting “caching=true/false” in WMS.conf [11760]
- Editing text components in the Attribute form caused customer-specific text triggers to be replaced by general text triggers, this has been corrected. [11824]
- Incorrect transformation parameters for the coordinate system RTR01 caused an X-offset in the order of 10 meters. These transformation configurations have been corrected.[11944]
- TBE fields are now visible in non-editable forms.[12033]

- Faulty metadata for gps-positions-symbols caused exceptions when selecting specialized components in the Themes tab, this is now corrected. [12034]
- When performing a trace using a skip otype object as the start object (eg a switch in opto), the resulting trace did not go beyond the skip object. This is now corrected. [12078]

### **New/modified configuration options**

- Setting intervals of objects (otypes) in texttriggerinfo.conf is now possible. See bug 6386 for further details. [6386]
- Objects in DP/Spatial may be attached to documents in external software, such as various enterprise content management systems. There are two new configurations options available to implement this type of system/data integration:
  1. Under the Document tab in the attribute form, a tool button may be added to attach and show specific documents in an external system by providing its executable file coupled with a user-defined parameter which uniquely identifies a document.[10559]
  2. A similar configuration may be made in the application's Help menu, wherein attachments/links to unique documents are defined (hard coded) in a configuration file.[10558]
- It is now possible to configure and use the placement of polygon with holes as a component to an object, using the menu alternative Create > Component.[10773]
- When changing password, if a user selects an old password a dialog opens stating that the password cannot be reused. This applies to customers who have the following configuration for a default user profile in Oracle: "Keep password history"; "Keep 30 passwords", and "Keep for unlimited days". [10843]
- A new configuration option is available which enhances the presentation of queried addresses in the map view. The street name is labeled once, while addresses are labeled with their individual street number. This is a variation of the standard function, wherein individual addresses are designated red crosses in the map view. [11157]

Note: The plug-in is available only to customers who reference external property designation databases.

- A new plug-in is available for configuration; when placing and rotating a text component it snaps to right angles, aiding the user to improve map readability. A corresponding function for the placement of symbols has been available for some time.[11802]