

# DESITE BIM 3.0.1

May, 25th 2022

# Release Notes

## IMPROVEMENTS & BUG FIXING:

### ● Import

- Fixed a bug when importing IFC files with openings consisting of more than one style (material). Saved model files in the internal .cp2 format became unreadable as a result.
- Added Unicode support for file paths when importing DWG or DGN files.
- DWF Import: When importing DWFX files created by Inventor, not all (user-defined) properties were imported. This is now fixed.
- Asta Powerproject: The type 'URL' of user-defined fields (UDF) is now evaluated correctly when creating property types and no longer causes a NUL value to be written in the internal schedule format .tsxml.
- IFC Import: New property "ifcGroup" available, which contains the name of the group (IfcGroup) assigned to an object ("path" for nested groups).
- The equal objects search (=) in the data sheet was broken in release 3.0.0 and now works again.
- An error when importing axes/tracks from an IFC file (type IfcAlignment) with a start station other than 0.0 has been fixed.
- Opening model files with umlauts in the file name by double-clicking or by command line (-file) now works in DESITE md 3.0 again

### ● Export

- Object hierarchy standard export: The background color (dark gray) of the top hierarchy level was not displayed correctly in Excel (nothing could be seen when the font color was white at the same time).
- When exporting an IFC file specifying a building structure, nested groups (typeBsGroup = IfcGroup) are now also allowed.

### ● Issues and Viewpoints

- When re-ordering or re-parenting Viewpoints via Drag and Drop, accidentally dropping a Viewpoint on another Viewpoint will no longer result in a crash.
- Viewpoint links in Notes have been fixed/re-implemented. Viewpoints can be added to Notes via drag-and-drop.
- Viewpoints can now be copied via Drag and Drop, while the CTRL key is pressed.

### ● Activities

- Synchronization into an existing schedule to Asta Powerproject: The start, duration and finish date values are now updated in Asta Powerproject.
- Synchronization with Asta Powerproject: Invalid date values (12/30/1899) are no longer taken over during synchronization. User-defined data fields (UDF) are now also created during synchronization.
- The automatic determination of the start and end date in the resource chart window for activities now also takes into account the selection of the base type (BASELINE/ACTUAL) in options.

### ● Geometry

- Transparent textures are displayed correctly again. This also affects an option in the ortho-photo import dialog where a transparent color can be specified.
- Measuring and centering in orthogonal mode is now working again (broken in version 3.0.0).
- A selection change no longer leads to a camera change to the beginning of the reference axis when the reference axis is selected in the 'Navigation along Alignment' module.
- The "Alt" key for determining the clipping direction works again when setting clipping planes.

- **API**

- It is now possible to change the 'inheritable' flag of property types. The object passed to the method `setPropertyTypeMetadata(...)` was extended by the key/option "Inheritable".
- API function `createSelectionSets(...)`. A possible crash in when using the "maxItems" option (if smaller than the number of property types passed) has been fixed. In addition, for the "createAsSmartSet": true option, the ID of the created SmartSet is now also returned.
- API function `removeFromSelectionSetGeometry`: Correct error code now will returned if no objects are found.
- API function `createObjectFromXml()` and documentation fixes for "<container/>" and "<document/>" of domain documents.

- **Miscellaneous**

- Drag and drop of complete models (root nodes) from the project structure into other domains now works again.
- Linking Rules: The new link options (handling of composites, parts, opening elements) are now properly saved and read again.
- Version Comparison: The buttons for showing the deleted/changed/new objects work as usual again.
- Removed a false warning of unsaved changes when packing a project that was just saved.
- Changes to the selected sets and link rules are now also checked before a project is closed or packaged.