

# DESITE BIM 2.8.6

has been released today, 17th February 2022.

The installer will be available on DESITE BIM downloads.

# Release Notes

## IMPROVEMENTS & BUG FIXING:

### ● Import

- When importing DGN file, also extended attributes are imported. Supported data types: String, Int, Double, Boolean, Short, Byte, ByteOrBoolean, Date, long int (64 bit)
- Primavera Import for XER and XML files : GUID and name attribute for collection processes now used
- The import of CPI CSV files now works properly again.
- IFC import dialog: Added the option to simplify (default) or not the geometry of reinforcement elements. Simplified geometry creates significantly smaller triangle meshes.
- IFC4x1 import: Gradients of alignments with the vertical segment type "IfcAlignment2DVerSegCircularArc" are now imported correctly.
- Import of IfcAlignments (IFC4x1): Fixed incorrect height of the endpoints of line segments with a non-zero base alignment height (the usual default value).

### ● Export

- IFC4x1 Export (Alignments): The option "Write global coordinates" now works correctly. In addition, manual model translations (root container) are now taken into account.

### ● Activities

- Duration of activities is now properly calculated if start and end date are at the same day and one time is 00:00.

### ● Properties

- F5 key now updates data base properties again when used on domain hierarchies.
- When models or objects temporarily added to the project are removed again, the corresponding changes to properties (stored in the project repository) are now also removed correctly.

### ● Geometry

- The precision of point coordinates (number of significant decimal places) of objects created from dimensions has been increased to 6. This corresponds to the standard of the CPIXML format.

### ● API

- New options 'textcolor' and 'textscale' available for API method addRegionToAlignment(QString alignmentId, QVariantMap options)
- The API function calcPropertyValuesOverTime() no longer causes DESITE to crash if the options passed are incorrect.
- When using API command createSelectionSets() with option "createAsSmartSet", the name of the smart set passed to the function is now set correctly.

### ● Miscellaneous

- Mapping tool: Setting the 2D object could cause DESITE to crash under certain circumstances. This bug is now fixed.
- DESITE no longer freezes occasionally when measuring lines in measurement mode with the control key (orthogonal mode) held down.

Best regards

DESITE BIM TEAM