



ANZ Toolbox

Release Notes

Version 5.9.1950.0 (24/05/2023)

Updates:

- General
 - Speed up some line commands.
 - Fix problem which required the undo button to be hit twice for some commands.
- 12da Import/Export
 - Add 12d attribute import and export for Trimesh objects from 12da files.
 - Updates to improve the 3d object export as Trimesh.
 - Add Surface prefix option in the import pane for importing 12da files.
 - When importing 12d Trimesh objects they now populate the “BIM Data” file structure viewable in the project explorer.
 - Added support for Closed Super Alignments.
 - Added import of 12d super tins as a composite surface. This requires the 12da file to also contain the tin models that the super tin is made from and may slow the import down if processing large surfaces.
 - Improved the export of instrument and quality data for GNSS and TPS observations as attributes when using the “Export Obs Data as attributes” option. These attributes are grouped under the “Field Data” attribute group for each point in 12d.
- Point Conformance Report
 - Add point “Description” reporting option to the excel report.
- Insert Vertices from Points
 - Add option to "move" the existing point rather than create a new one when using the "Insert" mode.
- Measure Surface
 - Add surface slope reporting to the data reported and text prefixes.
 - Add text orientation for line mode.
- Measure Chainage/Offset
 - Add “extend” option to the line mode.
 - Add text display options.
- Map Objects
 - Add Layer Group mapping option.

New:



Insert Legend Table

- The Insert Legend Table command enables the creation of legend tables for hatches, line styles and symbols using the definitions setup in an associated Feature Library. Select data from the project view and create a table containing one of each type displayed in plan view.



Set Point Description

- The Set Point Description command allows the user to set the description fields of points using their own extended feature property values.



Convert to Linestring

- The Convert to Linestring command allows the user to convert alignments, polylines, and CAD line objects into Linestring objects. Also, able to remove UCS (User Defined Coordinate Systems) from imported CAD objects or from objects created using the Cutting Plane View in TBC.



3D Object From Polygon

- The 3D Object From Polygon command enables you to select one or many closed linestrings to apply a depth and/or polygon offset against and create 3d solid objects.



3D Object From Surface

- The 3D Object From Surface command enables you to select a surface and apply a depth and/or surface offset against it. No boundary is required, however one or many closed boundary strings can also be applied to create a 3d solid object.



Footing Adjust

- The Footing Adjust command allows the user to select lines that make up the edge of a footing or structure and extend them to intersect each other, while also being able to adopt a height from the nearest point to use in the corners of the footing as elevation.



Measure Geometry

- The Measure Geometry command allows the user the ability to select a line or point as a base, then select points/nodes to calculate various measurements such as, chainage, offset, delta elevation, grade, azimuth, vertical angle, slope from zenith and distance. Annotate results to a text layer and/or create an excel report.



Inspect Line Nodes

- The Inspect Line Nodes command allows the user the ability to select a line and report the elevation, chainage, azimuth, and grades for all the nodes along the line. Annotate results to a text layer and/or create an excel report.