# ANZ Toolbox

## Release Notes

**Version 24.1.2798.0** *(3/12/2024)*

Updates:

- o 3D Object from Lines
    - o Added option to cut sections at every node on all selected strings. This allows you to better represent the shape.
- o 3D Object from Surface
    - o Added an Elevation mode. You can now project the surface to a set elevation and create the solid.
- o Pavement Conformance Report
    - o When reporting on points the conformance text applied to each point is now also attached to the point as 12d attributes.
    - o Added Text rotation.
    - o Allow the alignment to extend 10 metres if points are past the end.
- o Point Conformance Report
    - o When reporting on points the conformance text applied to each point is now also attached to the point as 12d attributes.
    - o Added Text rotation.
- o 12da Import
    - o Update to allow import of multiple images per point to be either attached or inserted.
- o 12da Export
    - o Update to allow multiple images per point and images on "As-set out" points to be exported as 12da.
- o ADAC
    - o Fixed an issue where a few features would not export for V5.01.
    - o Updated ADAC FXL files can be found *in "C:\Program Files\Sitech Construction Systems\ANZToolbox_24.1"* after install.

New:

3D Object Report

- o The 3D Object Report command enables you to select one or many 3d shell and IFC mesh objects and report their volumes, names and selected 12d attribute information to a table and then to a CSV file.

**Note:** To see the new commands on the ANZ Toolbox ribbon you may need to "*Reset to Defaults*" under "*Support => Set Ribbon Tabs*". If you have a customised ribbon, then just add them manually.

**Version 24.1.2744.0** *(11/11/2024)*

<u>Updates:</u>

- o 12da Export
    - o Fixed the export of vertex text for closed strings.
    - o Will now export TBC "smart" text as normal text in the 12da file.
    - o If Utility Chambers are exported to a 12da then the dimension details as added to the objects attributes.
    - o Added a new option for creating "CAD points" when importing superstring points. This will allow you to import strings that have vertex attributes and place those attributes on the CAD point separate to the linestring rather than on a point controlling the linestring, which will help performance with very large data sets.
- o Create XLines
    - o Added a chainage restriction option.

<u>New:</u>

ASPEC Manager

- o The ASPEC Manager command provides an improved workflow to automatically fill in geometric attributes, modify data, check for unfilled attribute values and export completed shape files.

ASPEC Auto-Fill

- o The ASPEC Auto-Fill command allows you to automatically fill in geometric attributes for many ASPEC features and enter project wide attribute values.

Process ASPEC Connections

- o The Process ASPEC Connection command allows you to process specific pipe, conduit and Headwall data for D-SPEC and pump stations for W and S_SPEC.

Transform 3D Objects

- o The Transform 3D Objects command enables you to select one or many 3d objects and rotate and/or translate the object around a user defined axis.

Create Chord Lines

- o The Create Chord Lines command allows you to select one or more linestrings and set a chord distance that will be applied in 2D or 3D from the start of the line to create individual line segments at that length.