

Devotech
PO Box 2028
Montana Park
Pretoria
South Africa
0159



www.devotech.co.za
sales@devotech.co.za
Tel: +27 12 547 7873

What's New in Devotech iDAS v10.0.0.0



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SUPPORTED AUTODESK CIVIL 3D VERSIONS

Devotech iDAS V10.0.0.0 supports Autodesk Civil 3D 2014-2018.

NEW COMMANDS

Corridors

- Add Gap between Regions - Adds a 1mm gap between corridor regions.
- Edit Road Widths - Updates the offset alignments of a corridor to change the width of the road.
- Rebuild Corridors - A special rebuild function that will update the left and right edge levels of a corridor(s).
- Rebuild Auto - Switch automatic rebuild of all corridors on or off.
- General Intersection Wizard - Creates an intersection between two corridors.
- Drape Corridor Featurelines - Set the edge levels of a corridor based on a surface (Ideal for roads on a platform).
- Intersection Check - Checks the integrity of the levels of intersecting roads.
- Intersection Bellmouth - Creates intersection bellmouths according to user defined parameters.

Network

- Project House Sewer Connection Lines - Projects house connections onto the pipe profile view (long section).
- Import CSV NT - Creates a pipe network from a CSV file.

Profiles

- Export Data Band Settings - Exports the data band settings of profile views (Profile 1, Profile 2 and Source) to an XML file that can be imported to other profile views.
- Import Data Band Settings - Imports the XML file that was exported with the Export Data Band Settings command and replaces the settings in profile view band sets (Profile 1, Profile 2 and Source).

Plan Production

- Corridor Production Wizard - Creates plan production for all selected corridors. Minimal editing needed after plan production creation compared to the Autodesk Civil 3D method.
- Rotate North Arrow - Rotates the north arrow based on the viewport rotation. This function also fixes a known bug in Autodesk Civil 3D
- General Plan Production Wizard - Creates plan production for all selected corridors. Minimal editing needed after plan production creation compared to the Autodesk Civil 3D method.

Setting Out

- Alignment Tags - Creates alignment tags for all selected alignments automatically.

Resources

- Network Licence Manager - Interface for querying your iDAS network licence remotely from a user's PC.

Utilities

- Explode Polyline OD - Explodes a polyline that has object data. The resulting lines contain the same object data as the original polyline. Useful for converting GIS data (shapefiles, sdf, etc.) into CSV files to be used with the Import CSV NT command.

COMMAND ENHANCEMENTS

Corridors

- Corridor Wizard
 - New option to name the corridors the same name as the alignments.
 - New option to choose the top and bottom surface codes to use, as well as adding codes as breaklines.
 - New option to import an alignment and a profile from CSV files.
 - If one alignment is to be created then the start station can be specified and the alignment reversed.
- Feature Line Profile
 - Added an option to link corridor point codes to profiles. When linked to a profile the profile will update (when using the Rebuild Corridors command) with the elevations of the corridor feature lines whose code has been linked. Possible uses include edge levels and to indicate barrier or V-drain positions.

Points

- Lo System
 - Completely overhauled the dialog to make it more user friendly and added some additional functionality.

Surfaces

- Import TOT
 - Added option to rename the surface when importing a TOT.

Sewer

- Sewer Manager
 - Added option to automatically link existing polylines to house connection structures.
 - Added more columns to house connection table to show additional level information.
 - Added swapping of multiple pipes.
 - Pipe auto sizing will now upsize downstream pipes.
 - Added part description to all relevant tables.
 - Added import inflows from CSV.

Stormwater

- Stormwater Manager
 - Added swapping of multiple pipes.
 - Pipe auto sizing will now upsize downstream pipes.
 - Added part description to all relevant tables.
 - Added import inflows from CSV.

Water

- Water Manager
 - Added import demands from CSV.
 - Added part description to all relevant tables.

PIPE CATALOG

New

- Amanzi Starway pipes
- Asbestos cement pipes
- Marley HDPE pipes
- SANS 719:2011 Steel pipe

Changed

- Outfall part description was renamed from outlet to outfall.

TEMPLATE

New

- New label styles for crossing pipes in profile views.
- New label styles for COGO points.
- New table styles for COGO points.

Changed

- Alignment styles layer 0 was changed to the correct layer.
- Offset alignment style thickness changed to 0.5 mm to improve visibility in plan.
- PI label font changed to Arial