SolidCAD
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CIM PROJECT SUITE
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SOFTWARE

DESIGN
SOFTWARE
SOLUTIONS

CIM PROJECT SUITE

Autodesk Civil 3D users, both Civil and Survey, will find great value in the **CIM Project Suite** with tools for Corridor Management, Pipe Networks automation, and Survey Database workflows. Users of all levels and firms of any size performing road, rail, site, or utility work will see productivity gains with the CIM Project Suite.

- Better manage Corridors with thru Corridor splitting, target management and automatic Assembly name labeling
- Work more efficiently with Pipe Networks through multiple Part swapping, and Manhole Schedule automation
- Improve your workflows with Survey Databases and Construction Staking routines
- Efficiently manage Civil 3D Styles and Layers in your templates and drawings

FREE TOOLS
After 14 day trial expires, these tools will remain fully functional

Feature Line to Alignment

Created for all Civil 3D users, this tool provides a much-needed data-conversion method in Civil 3D. It generates an Alignment and Layout Profile from a Feature Line. Used by Surveyor's to stakeout site Feature Lines such as curb, or designers needing data conversions without need for redrawing, this tool is highly valuable in all Civil 3D workflows.

Assembly Namer

Organizing Corridor Assemblies can be a tedious task, requiring manual labeling of Assemblies to identify their use. Assembly Namer will automatically insert an MText Object calling out the Assembly name at a user-defined location, on any or all Assemblies in the drawing.

PREMIUM TOOLS

These tools are available with purchase of the CIM Project Suite.

Parts Swapper

Built for all Civil 3D pipe network users, this tool allows the swapping of multiple parts, both structures and pipes, for alternatives. Users can select parts in plan, profile view, or by pipe network name. Parts will be swapped similar to the native Swap Parts command, but allows it to be performed on multiple parts at a time.

Parts Tagger

Management and annotation of important pipe network structure data - such as for grate and surface adjustment value - can be a tedious process. This tool provides an interface to push values for grate, cover, frame, material, surface adjustment value, sump depth, reference surface and reference alignment to multiple structures simultaneously.

Corridor Cleanup

Designed for the savvy Civil 3D corridor user, this tool addresses corridor management. Users can select multiple corridors, baselines, and regions and in one click remove all surface, width and/or slope targets. This tool will help users quickly reconstruct their corridor regions without the need for tedious target removal or completing deleting the corridor or regions.

Corridor Splitter

This tool allows a single corridor to be split into two corridors. All original corridor properties, including targets, frequencies, surfaces and more will remain intact, saving tons of time.

Corridor Merger

Corridor Merger will combine multiple corridors into one. All corridor baseline and region definitions will merge into one corridor including assemblies, station limits, frequency, targets and overrides. Users have options to create surfaces based on previously defined surface definitions.

Corridor Mapper

Corridor Mapper will allow for corridor targets to be automatically assigned by mapping layers to subassemblies. Users define a "mapping" for a given corridor then simply create target objects on those layers. The corridor will automatically assign those targets to the appropriate subassemblies. This tool completely replaces the native Target Mapping dialog box with a much more dynamic and powerful option.

Survey Sweeper

Built for the survey Civil 3D user, this tool takes the tedium out of working with survey databases. It will simultaneously delete selected survey points and survey figures from drawings and survey databases. Users will find this a big time saver when deleting unwanted data generated through linework processing.

Layer Trace

Layer and Styles management in Civil 3D can be a tedious process. This tool will allow the tracking of Layers referenced in Civil 3D Styles. This is a great benefit for performing template (.dwt) maintenance and updating, as well as for keeping project drawings clean and organized.

Pipe Designer

Design entire pipe runs in your Pipe Networks. Hold starting structure inverts than apply a standard invert drop and slope across the selected run. Design upstream or downstream in both Plan or Profile.

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Learn more at:

https://www.solidcad.ca/product/cim-project-suite/

For services and support related to CTC Express Tools, contact us at:

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