



MicroSurvey inCAD 2024

Features and Benefits

28 August 2023

Contents

MicroSurvey inCAD 2024.....	3
MS_RESCALE Improvements	3
Disable xx##xx Database Warning	3

MicroSurvey inCAD 2024

Release Date: August 31, 2023

MicroSurvey brings intuitive calculation tools for land surveyors to popular drafting platforms, including IntelliCAD, BricsCAD and AutoCAD. MicroSurvey inCAD 2024 brings you support for the latest and greatest from Autodesk for AutoCAD®, Civil 3D™ and Map 3D™ 2024. You, our users, have been asking for even better stability and reliability in MicroSurvey inCAD. We have listened—this release brings significant increases in stability and reliability to keep you productive. Now that we have the core in a stable place, future releases will contain additional features and functionality.

MS_RESCALE Improvements

Feature	Benefit
MS_RESCALE retains point and line label positioning	MS_RESCALE will now read the custom positioning information for point and line labels, and resize the label according to the new scale while retaining that same offset relative to the base point. The distance between the base point and the label will be adjusted proportionally to the size of the text, this will retain the same spacing between the text and point node relative to the size of the text.
MS_RESCALE retains the specified label style	MS_RESCALE will now read the designated label style as assigned by the user for the label bearing/azimuth and distance label. When the text is rescaled, MicroSurvey inCAD will redraw the label with the previously set style in the new size. If the style definition has been changed and the label style no longer exists, it will be drawn with the currently set style.
MS_RESCALE performance	We greatly reduced the processing time required for MS_RESCALE to complete its' operation, in internal testing we are seeing a 35% reduction in the required time to complete.

Disable xx##xx Database Warning

Feature	Benefit
Toggle the xx##xxx database warning from the system toggles	From the system toggles on the MsTools ribbon, MicroSurvey inCAD users can now disable the default xx##xx database warning when points or lines are disconnected from the MicroSurvey database. The most often time for this disconnect to occur is when points and linework are copied within a drawing using the Copy command or CTRL + C and CTRL + V. Point IDs and line bearing and distance labels have an 'xx' prefix and suffix added to them to notify the user that these point IDs and labels will no longer dynamically update when the points or lines are modified.