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# **MicroSurvey inCAD 2022**

## Features and Benefits

29 June 2021

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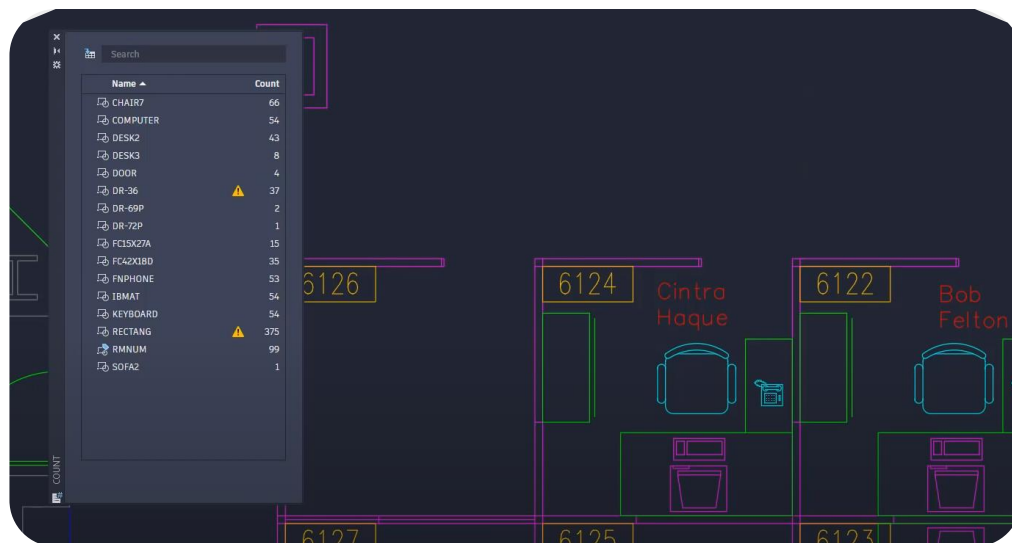
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# MicroSurvey inCAD 2022

Release Date: July 8, 2021

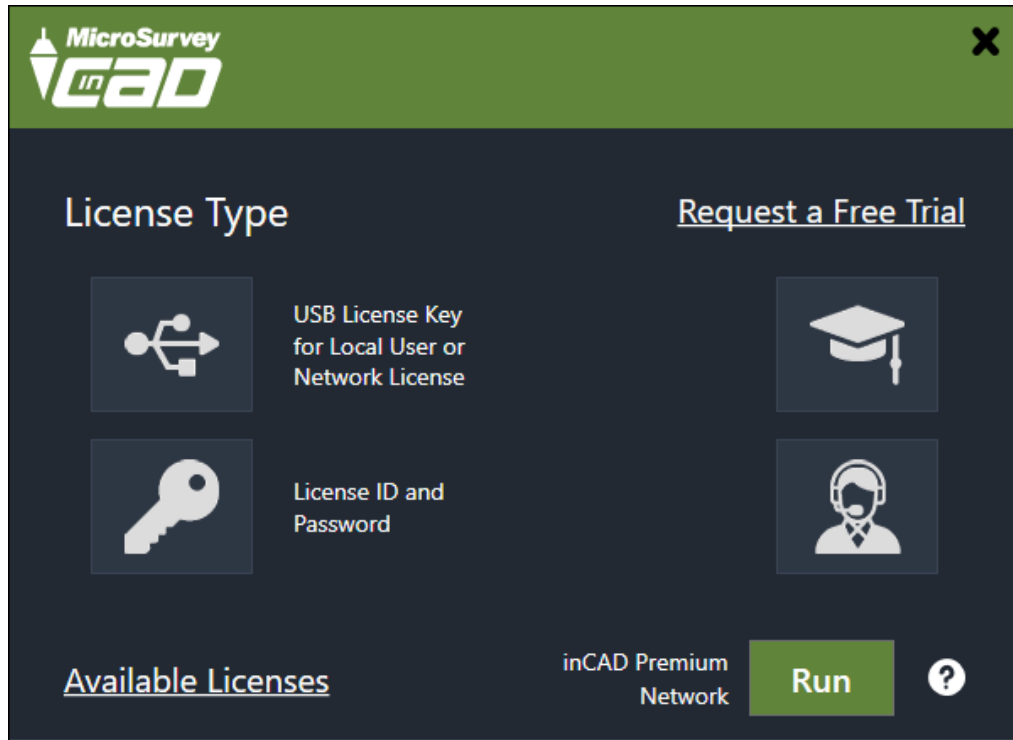
MicroSurvey inCAD provides users with unencumbered survey drafting and calculation workflows, including COGO, point tools for gridline-based projects, traverse input and adjustment, misclosure reporting, common data collector support, 3D surface representation and computation, corridor design, and more. MicroSurvey inCAD is compatible with AutoCAD®, AutoCAD Map3D® and AutoCAD Civil 3D®.

New: AutoCAD 2022



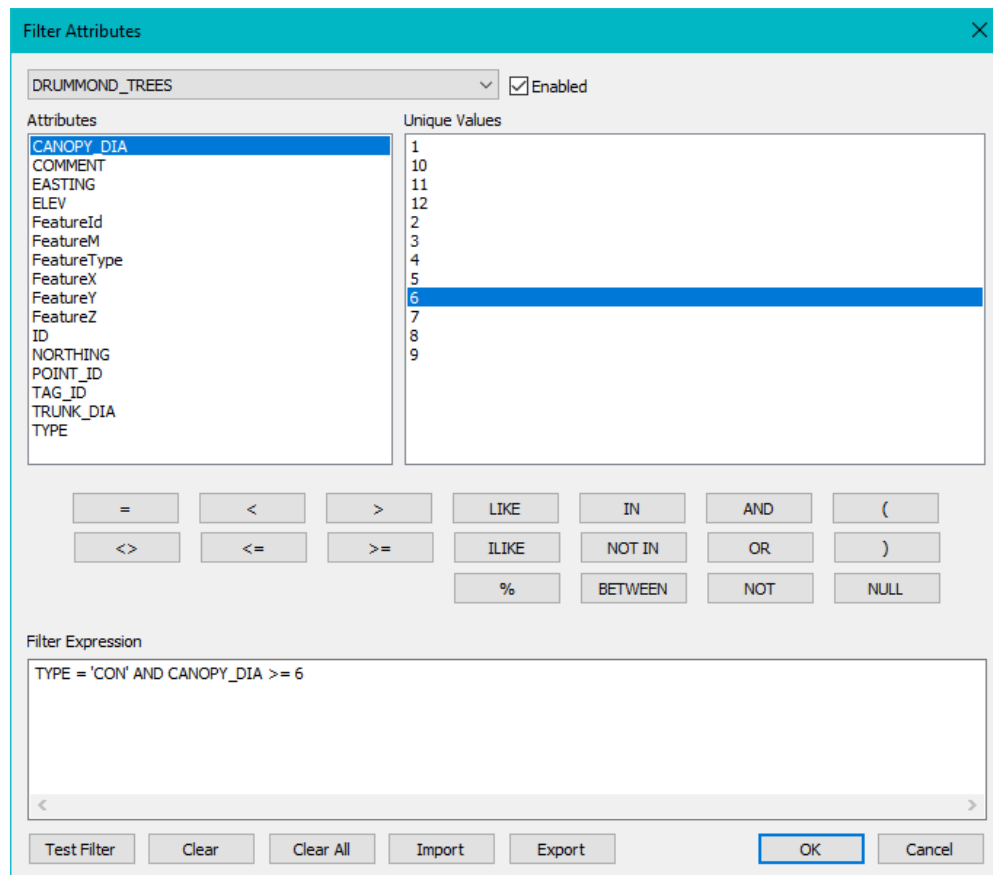
Feature	Benefit
AutoCAD 2018 .dwg files	Open, edit, and save AutoCAD 2018 format .dwg files for maximum compatibility with AutoCAD 2018-2022 products.
Floating windows	Drag window tabs out from the main drawing window and back again to dock them.
Block Count	Use the COUNT command to automate counting blocks or geometry, insert fields or tables containing the number of objects into the drawing, and detect overlapping objects.
Trace	Add comments and feedback to a drawing without altering the existing drawing for collaboration with other users.
Share	Send a controlled copy of your drawing to teammates and colleagues to access wherever they are.
Push to Autodesk Docs	Push your CAD drawing sheets as PDFs to Autodesk Docs from AutoCAD.
Performance	Performance enhanced for plotting and 3D graphics.

New: License Dialog



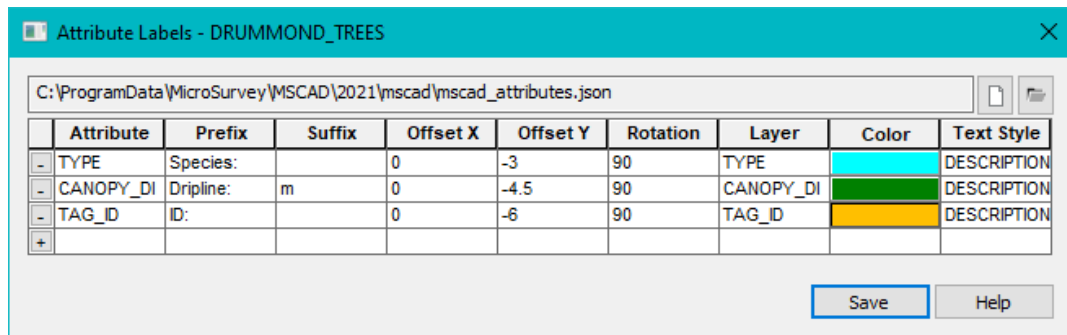
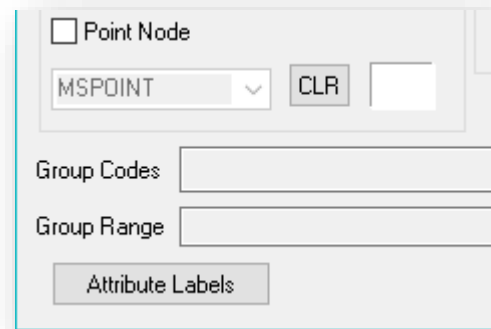
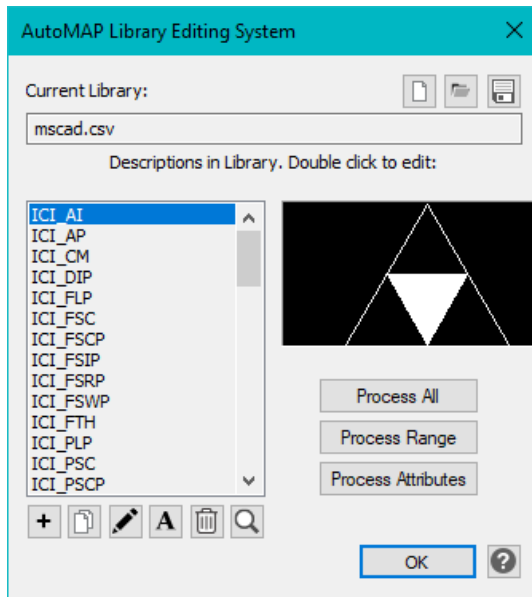
Feature	Benefit
License dialog	A new license dialog has been added, allowing easy access to the helpdesk, online training, demo requests, and more clear license management.

## Enhanced: GIS Attribute Filter



Feature	Benefit
ATTR_FILTER	The attribute filter has been made available directly within the drawing. Use the ATTR_FILTER command to control display of GIS objects in your projects.
Attribute Filter	New functionality has been added to the filter, including the ability to sort by GIS layer, disable entire layers, clear filters, and export/import filters to an external file.

## New: GIS Attribute Labels



Feature	Benefit
AutoMap Library	The AutoMap library has had a new “process attributes” button added. Clicking this button will apply any defined Attribute Labels to smart points in the project.
AutoMap Editor	The AutoMap editor dialog has had a new “Attribute Labels” button added. Clicking this button will open the Attribute Labels dialog to edit or define attribute labels for the current AutoMap entry.
Attribute Labels dialog	The Attribute Labels dialog will allow users to define additional point descriptor labels, locations, prefixes, suffixes, layers, colors, and text styles for any GIS attribute definitions detected in the project. Users may export the attribute labels definitions for distribution between colleagues, computers, etc.

## Enhanced: GIS Optimizations

Feature	Benefit
GISIMPORT	The GISIMPORT function has been optimized and performance has been enhanced.
GISEXPORT	The GISEXPORT function has been optimized and performance has been enhanced.
ATTR_TABLE	The ATTR_TABLE function has been optimized and performance has been enhanced.