



MicroSurvey embeddedCAD 2026

Release Notes

MicroSurvey embeddedCAD 2026 (v26.1) – May 2026

MicroSurvey embeddedCAD 2026 (v26.0) – November 2025

24 April 2026

Contents

MicroSurvey embeddedCAD 2026	3
What's New in Version 26.1	3
What's New in Version 26.0	5
Compatibility and Upgrades	6
Activating or Updating your USB License Key	6
Customer Care Package (CCP)	6
MicroSurvey License Portal for Floating License Users	7
MicroSurvey License Server for Network License Users	7
System Requirements	7
Run as Administrator	7
Online Resources	8

MicroSurvey embeddedCAD 2026

MicroSurvey brings intuitive calculation tools for land surveyors to popular drafting platforms, including BricsCAD®, IntelliCAD and AutoCAD®. MicroSurvey embeddedCAD 2026 runs on the AutoCAD OEM 2026 engine, which provides the latest and greatest from Autodesk, including updates to the start page and a new menu by the drawing tabs. The 2026.1 release brings a very exciting feature—Survey Groups. Survey Groups allow you to automatically filter field data on import into groups by point description using AutoMAP. This enables additional data management capabilities, reducing the need for elaborate layer naming conventions or for organizing what should (and should not) be included in a DTM surface model. Survey Groups can be used to hide CAD entities in your drawing, similar to turning off a layer and filtering the displayed points in the Active Coordinate Editor. They can contain: points, point nodes, lines, 2D polylines, 3D polylines, LW polylines, splines, symbols/blocks, and text.

What's New in Version 26.1

What's New

Survey Groups

- The Survey Group Manager command found on the MsPoints ribbon, next to the Active Coordinate Editor.
- Survey Groups can contain points, point nodes, lines, 2D polylines, 3D polylines, LW polylines, splines, symbols/blocks, and text.
- The Active Coordinate Editor can have a filtering applied through the Survey Group Manager to list only the points which are currently visible using group visibility. This can be used to list only one group of points, making it easy to export an ascii file of points contained in a single group, such as a control, evidence, setout, or surface group.
- AutoMAP has a new field for each description, “Add to Survey Groups:”, where multiple groups can be entered separated by a semicolon. When a field file is imported through the FieldGenius SyncWizard, Leica DBX in, or ASCII in commands, points with that description and their labels will be added to the corresponding groups. This is useful to automate the sorting of data into a Surface group, excluding points which should not be included in the surface. You can then view only the surface group, and window select in the CAD window to create the surface from the appropriate data.
- Points with a description which are not defined in the current AutoMAP will be sorted into the group “Miscoded Points”. This group provides a first place to look to identify points from the field which may require extra attention.
- Survey Groups can be created from a selection of entities, and have filters applied to only include points within an elevation range.

- Three importers have the ability to place the imported points into a new or existing survey group, they are the ASCII importer, Leica DBX importer, and, of course, our FieldGenius SyncWizard.
- In AutoMAP, Group Codes has been renamed to Relate Codes, and Group Range has been renamed to Apply to Range. This was done to more closely describe the functionality of these boxes, but also to avoid any confusion with the new “Add to Survey Groups” field.

What's Improved

Smart Points

- When right-clicking on a smart point block entity, Smart Points actions are now available directly in the context menu. All four Smart Points operations: (Move, Move with Leader, Rotate, and Reset) are fully functional from the right-click menu on Smart Point entities.

Performance

- We improved the speed of selecting points and highlighting rows in the Active Coordinate Editor.
- We improved our Smart Linework update logic and database updates to enhance the performance of many commands. For example, the MOVE, Recoordinate Traverse, and MicroSurvey FieldGenius Syncwizard commands now take 40% of the time on average as in previous releases.

Bug Fixes

- Double clicking a point in the Active Coordinate Editor now properly draws the yellow X transient entity on the point node.
- Double clicking a point in the Active Coordinate Editor now works as expected with a SurveyorView view twist applied.
- The 3 Point Inverse routine (MS_SHOW_ANGLE) was displaying the angle values from your selection, but not respecting the precision set in your drawing; it always used a precision of 4.
- The MicroSurvey FLATTEN command has been renamed to MS_FLATTEN.

What's New in Version 26.0

What's New

- Now running the latest AutoCAD OEM 2026 engine for the best performance and stability from Autodesk.
- For floating cloud license customers: we are now populating the computer ID field in our [online license management system](#). This allows you to see which computer has checked a license out for offline use, and which computers are accessing your license.

What's Improved

- We resolved many infrequent issues with our cloud-based licensing system to ensure licensing will not get in the way of your work, and your license will be available when you need it.
- When checking a floating network license out for offline use, we now present a confirmation dialog to confirm that the user understands they are taking that license from their available pool of license seats and it will not be available for others to use until it is checked back in, or the time period has elapsed.

Bug Fixes

- With the increase of label styles in the 2025 release, the configuration file (*.cfg) for exchanging presets between installations and versions of MicroSurvey embeddedCAD was not working. We have replaced the *.cfg file with a *.msz which contains all the necessary label style information, and can now read the *.cfg from previous releases.
- The MS_RESCALE command would incorrectly scale ellipses drawn around point IDs.
- Point coordinates in the active coordinate editor were not being updated in some operations in the program. Mostly commonly the Shift Points (SHIFTP), and Rotate Translate Scale (RTS) commands. The coordinates were correct in the point database, would be exported correctly, and would be displayed correctly when the Active Coordinate Editor was closed and reopened.
- When processing XYZ linework with the Active Coordinate Editor open, some datasets would cause a crash.

Important Notes

Compatibility and Upgrades

MicroSurvey embeddedCAD will read and write to *.DWG drawing files and our *.MSZ database interchangeably with our other CAD products: MicroSurvey CAD, inCAD, and SurveyTools for BricsCAD. There are no compatibility issues or workarounds required to use saved MicroSurvey databases between these products. We have supported the *.MSZ format since 2008, and offer conversion utilities for older formats which are described [here](#).

Activating or Updating your USB License Key

- Software licenses are stored on the USB key. These must be activated after a new purchase, and usually require manual updates when new versions of MicroSurvey embeddedCAD are released.
- The process is the same for both; [click here](#) for detailed instructions.
- The USB License Manager program is automatically installed with MicroSurvey embeddedCAD; it can be found in the embeddedCAD folder in your start menu. Open it with your USB key inserted and click the “Update Key with New Information” button.
- You must have an internet connection to use the USB License Manager. You may [download](#) the program and install it on another computer to update keys when corporate policy and firewalls prevent access from your work network.

Customer Care Package (CCP)

- In 2025, the Annual Maintenance Subscription (AMS) program was renamed to the Customer Care Package (CCP).
- If your CCP has expired, you may not be able to update your key to the current version of MicroSurvey embeddedCAD.
- For a detailed explanation of the CCP program and how we use product numbers and USB keys to license our software, please review the following [article](#).
- Each USB key and floating license has a different CCP plan, so multiple USB keys or floating licenses may not have the same expiry date.
- You can confirm your CCP expiry date by reviewing the About screen found in the Help menu.

If your CCP has expired, you can phone us at 1-800-668-3312 or 1-250-707-0000 to renew it. Without a current customer care package plan, you may not be able to update your key to work with the new version.

MicroSurvey License Portal for Floating License Users

- If you have purchased a floating license, you may visit our [license page](#) to review usage statistics on your license.
- After purchase, you will be asked to create a login for the portal.
- Log in to the portal, click "Licenses & Activations", then the desired license to review its details.

MicroSurvey License Server for Network License Users

- If you have purchased a network license, you must [download](#) and install a copy of the MicroSurvey Network License software on your intended license server computer.
- A password is required to install the License Server.

System Requirements

- MicroSurvey embeddedCAD 2026 is compatible with 64-bit versions of Windows 10 and Windows 11.
- A free USB port is required for the USB License Key (local workstation or network server)
- Full administrator rights are required to install MicroSurvey embeddedCAD 2026, but it can be run by limited user accounts
- For detailed system requirements and recommendations, please review [this online article](#).

Run as Administrator

- You **must** run the program at least once elevated with "Run as administrator" access
- Clicking "Run" from the installation package does this automatically
- If this step is skipped, you may run as administrator by doing the following:
 1. Right click on the MicroSurvey embeddedCAD 2026 icon.
 2. Choose "Run as administrator".
 3. Select "Yes" on the "User Account Control" dialog when prompted to allow the program to make changes to your computer.
- After this step is complete, you may run the program from any user account on the computer, even if they do not have administrative privileges.

Online Resources

- [Online Release Notes](#)
- [Known Issues](#)
- [Tutorials](#)
- [Online training courses](#)
- [Technical support](#) (1-800-668-3312; free with valid [CCP](#))
- [Helpdesk website](#)
- [Online store](#)