

TESTIMONIAL

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MicroSurvey has bridged the difficulties of complex cogo needs with a professional drafting platform for surveyors. Coming from an AutoCad background, the transition to yet another survey software program was not a problem with MicroSurvey.

– Wm. Brannon,
LS, NY



ABOUT US

Thank you for your interest in MicroSurvey inCAD and embeddedCAD!

Since 1985, MicroSurvey has developed a family of specialized computer software for land surveyors, civil engineers, mapping technologists, engineering technicians, drafting technologists, police officers, and accident reconstruction specialists. MicroSurvey supports what it builds, and the staff values and listens to its customers.

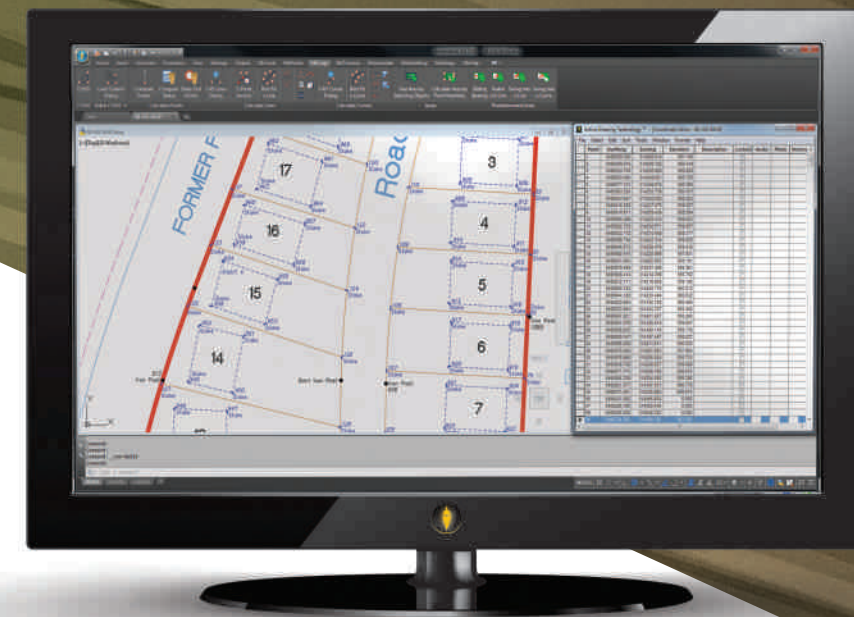
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**WE ARE READY TO BE YOUR
SOFTWARE SOLUTIONS.**

Autodesk®
SURVEY SOLUTIONS



WWW.MICROSURVEY.COM/INCAD



WWW.MICROSURVEY.COM/EMCAD

CAD ENVIRONMENT WITH MODERN SURVEY TOOLS

MicroSurvey embeddedCAD runs on an Autodesk® engine where as MicroSurvey inCAD is a plug-in for your existing copy of AutoCAD®, both are a complete survey drafting, COGO, DTM, traversing, volumes, contouring applications with data collection interfacing and are compatible with field data from all major total stations and data collectors.

MICROSURVEY INCAD IS A POWERFUL
DESKTOP SURVEY AND DESIGN PLUG-IN FOR AUTOCAD®

MICROSURVEY EMBEDDED CAD IS A STANDALONE CAD
DESKTOP SOFTWARE POWERED BY AUTODESK TECHNOLOGY™



Active Drawing Technology

MicroSurvey's active drawing technology is an efficient way to work with your survey data. It enables verification, editing, printing and manipulation of data in the drawing, in the coordinate and traverse databases, and during COGO calculations.



DTM CONTOURING/ MODELING VOLUMES

Create surface models at lightning speed. With very fast modeling engines, you can manipulate surfaces by adding or removing points, work with breaklines, and create boundaries.



Complete Site Design

The road design wizard makes creating a 3D road along a horizontal and vertical alignment a snap. Creating templates is easy with our graphical template editor.



Survey Calculations

MicroSurvey has the simplest, most productive COGO entry inside a CAD system. Record all of your COGO entries automatically with our Batch system. Edit the Batch with a spreadsheet style editor and reprocess!



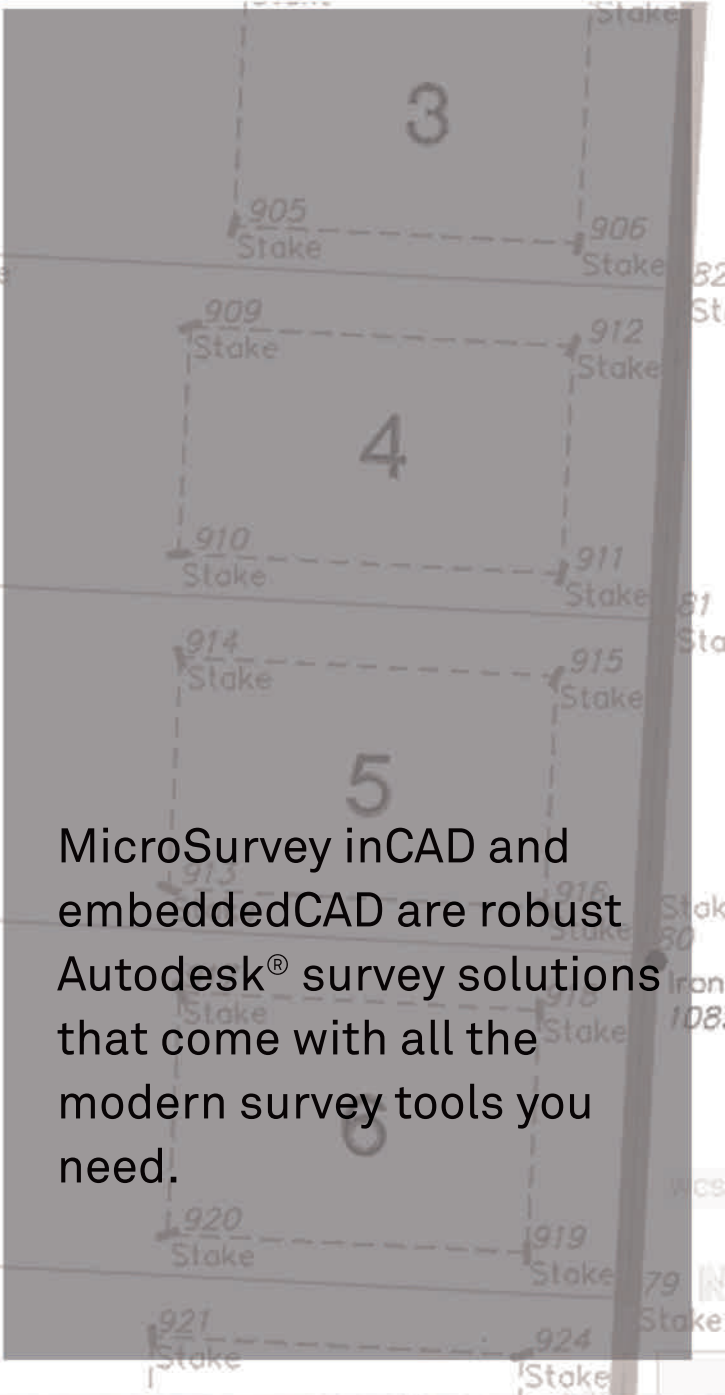
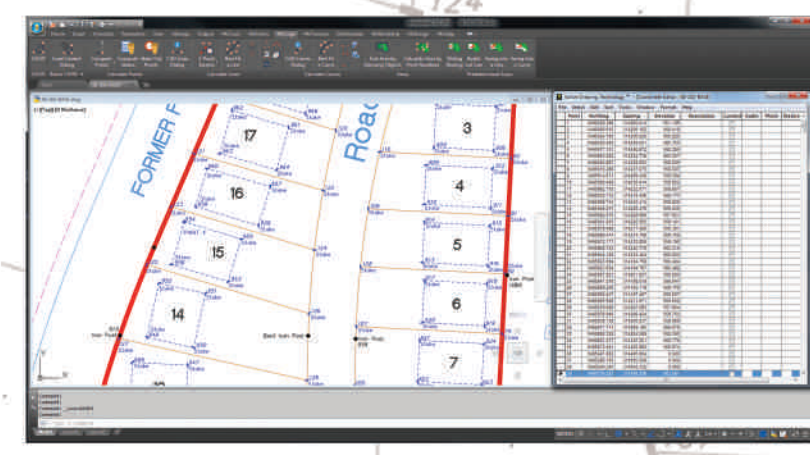
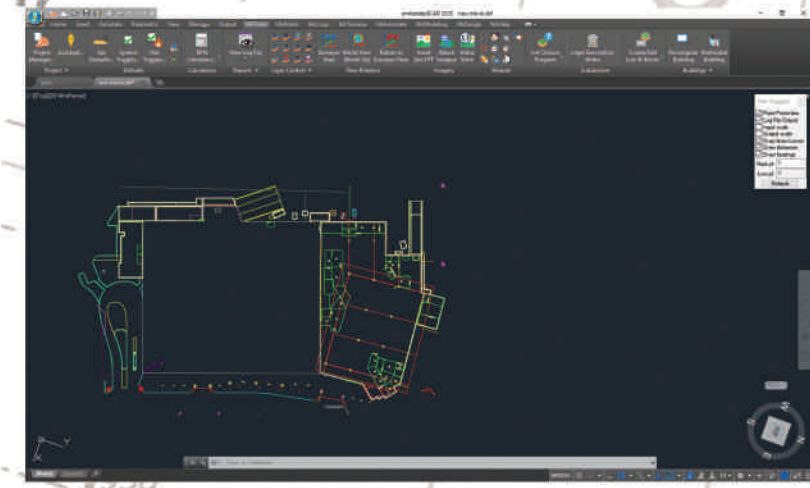
Complete Traverse Adjustments

- Angle balance
- Transit, compass, Crandall's Classical Methods
- Vertical balance
- Full 3D least squares adjustment
- Blunder detection
- Instrument storage
- Graphical ellipse display



Smart Information

- Smart objects: lines, points, curves and text
- Pick and edit objects automatically without initiating a command
- Browse the entire coordinate database by simply picking any point in your drawing



MicroSurvey inCAD and embeddedCAD are robust Autodesk® survey solutions that come with all the modern survey tools you need.

OUR EDITIONS.



STANDARD

- Read/write AutoCAD DWG and DXF files
- AutoCAD linetype, hatch file, shape file, font file compatible
- Full COGO Calculations
- Automated block/lot creation with dynamic building pad placement
- Right-of-way design
- Active drawing technology – coord. editor, traverse editing, batch COGO



PREMIUM

- Surface modeling – TIN, Grid, TGrid
- Contouring
- Multi-surface volume and bound area volume calculations
- Sewer drafting
- Alignment design and labeling
- Cross section template editor
- Profile plotting & vertical alignment design