

# GeoMax Layout

## For the Construction Layout Pro



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GeoMax Layout is a simple-to-use locating program designed specifically for construction layout and MEP contractors. Used on its own, or in conjunction with MicroSurvey Point Prep or other site prep tools, GeoMax Layout gives you all the tools you need to layout your points accurately and easily. Also included is an as-built mode that allows you measure existing points on a job or pickup points needed for earthwork quantities.



### TOP FEATURES



#### Contractor Friendly

- Code-free linework.
- Linework is created automatically without entering codes and is instantly displayed, eliminating the need for a separate sketch.
- No need to connect the dots back at the office.



#### Easy Plan Entry

- Built-in Plan entry tool allows you to easily take design measurements from a paper plan and enter them directly into Layout to create a digital version of the drawing.
- Template creator allows you to save your entered plan so it can be used in other projects.



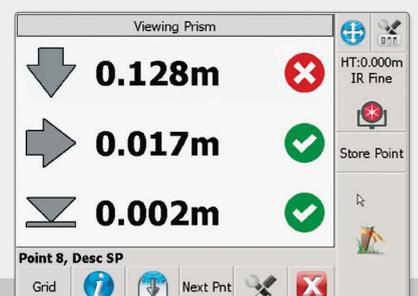
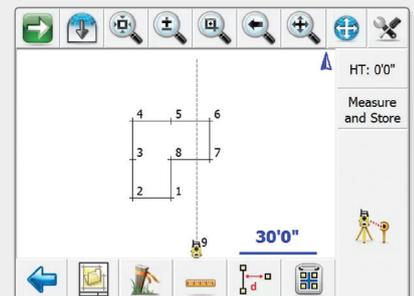
#### Easy Setup

- Begin work quickly.
- Reference Point routine allows you to measure to two or more known points to establish your total station location.
- Reference Point Check allows you to confirm at any time during your workday that your total station position is still valid and accurate.



#### Easy Layout

- Stake points/lines by selecting them on the map screen. Clear, visual feedback helps you navigate points. Select the points for staking – Layout will automatically guide your layout process.
- Stake DXF CAD drawings by selecting DXF entities.



# Work More Efficiently On Site



## Offsets and Point Patterns

- Lines and arcs can be offset to the left or right or both by a specific distance.
- Compute points down and out from a line or arc.
- Partition lines/arcs by defining a distance, or divisions along the line/arc.
- Compute point offsets between points.
- Input point patterns and then apply them to points in your project for layout.



## As-built and Topographic Tools

- As-built routines are built-in so you can measure existing conditions for as-built reports or drawings.
- Easily record points with elevation that can be exported to other third party applications.
- Record data for cut / fill analysis, volume calculations or DTM model creation.



## Advanced Display and Platforms

- Map screen has everything needed to lay out data and collect as-built details.
- Easy to use menu structure.
- Two modes Layout and As-built separate the layout and as-built process making it more streamlined and intuitive.
- Both portrait and landscape devices supported.



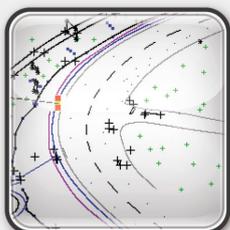
## Equipment Support

- Conventional non-robotic instruments supported
- Robotic instruments supported
- GPS Base and Rover systems supported
- Network corrected GPS Rover systems supported
- Over 200 devices and instruments



## Desktop Companion

- Open Autodesk DWG and DXF files with MicroSurvey Point Prep and create points quickly from the digital CAD drawing.
- Export & upload points directly to GeoMax Layout for layout at the site.
- Export & upload a CAD background file (DXF) for use with Layout.
- Create surface files that can then be used with GeoMax Layout.



## Road Alignment Layout

- Input alignment data from paper drawings into the built-in alignment editor.
- Input horizontal alignment, vertical profiles and templates.
- Easy to use stakeout tools.

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### Hardware Questions

Will Layout work with my existing data collector?

Answer: If your data collector is a Windows Mobile 6 or higher device, then Layout is compatible.

What equipment will Layout run on?

Answer: GeoMax Layout supports most instruments including non-robotic and robotic models. Layout also supports most GNSS receivers including base and rover systems, and network enabled rovers.

Do you support tablets?

Answer: Yes. Layout can be used on Windows Tablet computers. Use the desktop version for this type of computer.



### Free Trial Version

Try a free demo version of GeoMax Layout and find out for yourself how Layout gives you all the tools you need to layout your points and lines accurately and easily.

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