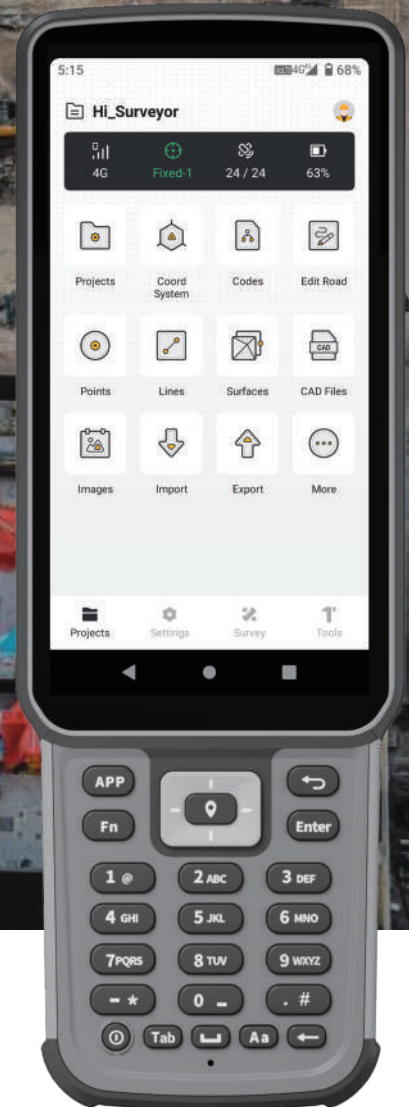
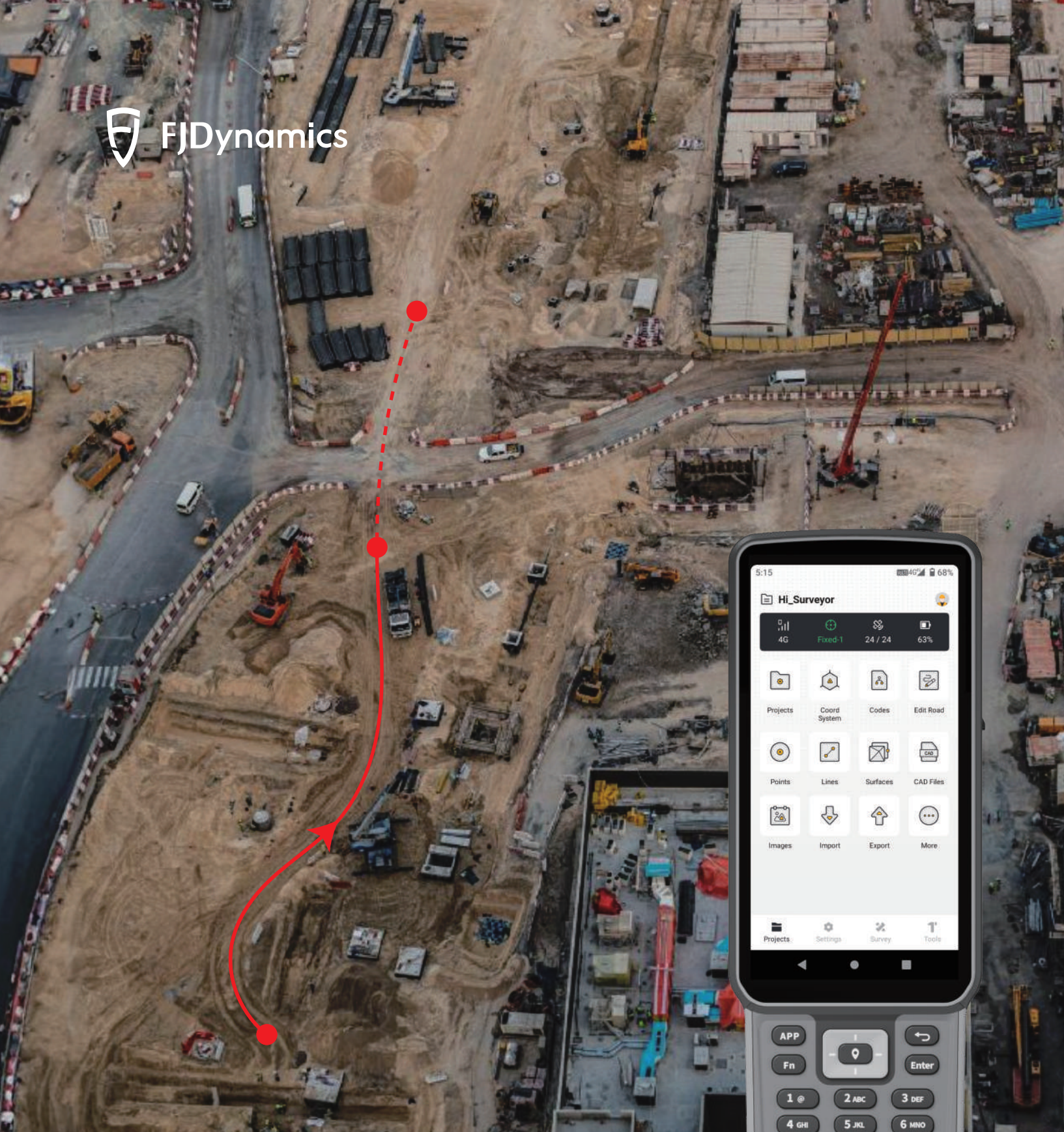




TRION SURVEY
Work Made Easy



SOFTWARE OVERVIEW

Trion Survey is a modular GNSS handheld survey software developed for Android systems. It integrates a wide range of practical functions such as Measure&Draw, Stake CAD, Stake Road, PPK Calc, volume, COGO tools and etc. The software is user-friendly, easy to operate, and caters to the surveying and staking needs of various industries.



KEY FEATURES

Powerful Coordinate Transformation

With 8,000+ predefined coordinate systems, 70+ ellipsoids, and 30+ projections, it supports plane and height models, as well as geoid corrections, meeting the needs of users in different regions globally.



Measure & Draw

It supports measuring and drawing of 10 common geometric shapes, including polylines, arcs, curves, rectangles, and circles. It also allows for quick code-based measurements with clear graphic categorization, enhancing the efficiency of post-survey mapping.



AR Stakeout

The app displays staking targets intuitively in real-time scenes, allowing seamless switching between forward and downward views, making target finding effortless with just one move.



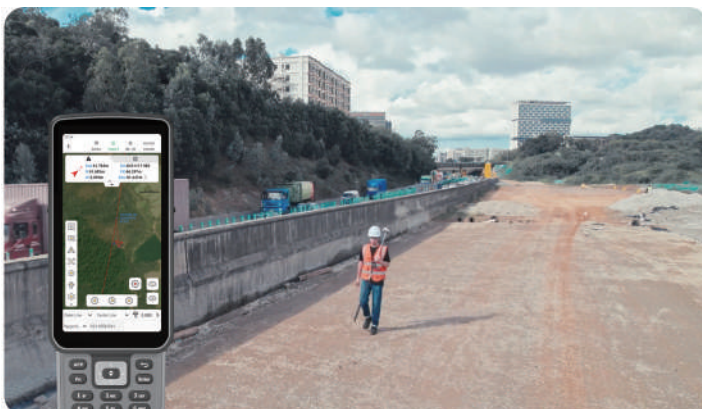
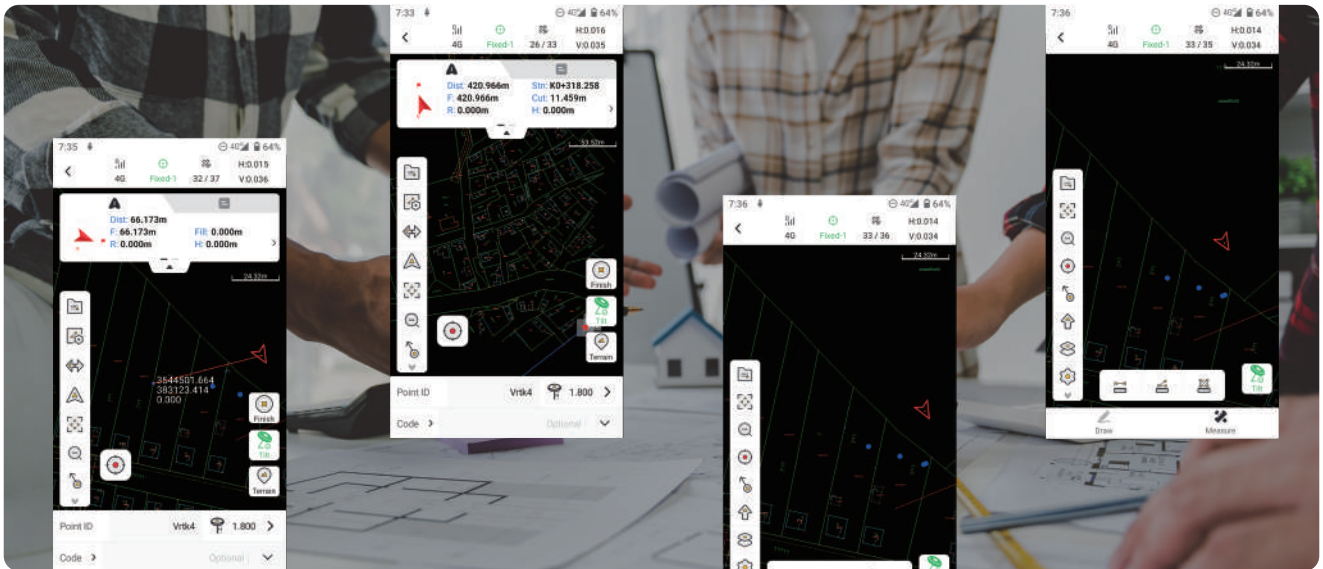
Visual Measure

Capture on-site information through photos or video recordings. With powerful 3D modeling algorithms, points can be selected directly on the photos for measurement without physical contact, ensuring safer operations.



Stake CAD

Quickly load and view CAD files, with support for file editing, layer management and custom label exports. Designed with user workflows in mind, it significantly improves field staking efficiency.



Stake ROAD

Supports LandXML road file import, visually displaying station equations, horizontal alignment, vertical alignment, cross-sections, and slopes. Staking target information is comprehensive, and results can be exported with a single click.

PPK CALC

When there is no signal, PPK measurement can still provide high-precision positioning results. Users can customize the collection time, process data directly on the controller, and use a graphical interface to make the procedure and results clear and straightforward.

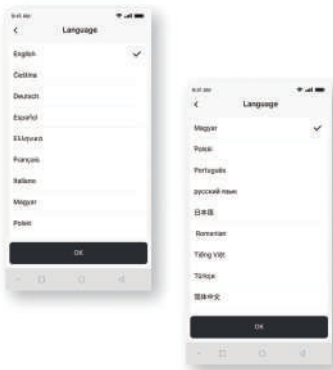


COGO TOOLS

The app provides extensive geometric calculation functions, including inverse, point to line, traverse, slope, offset point, intersection, segment line, bisect angle, triangle, average, rectangle and etc.

Landscape Mode

The app can freely switch between landscape and portrait modes, perfectly adapting to 8-inch and 10-inch tablets. The interface layout is optimized for smoother and more intuitive operations.



Global Coverage Multilingual support

The app supports 16 international languages, allowing users from any country or region to select the appropriate language for their usage.

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