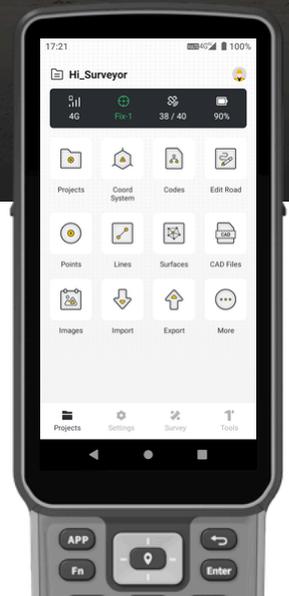




FJDTrion Survey

Work Made Easy



ONE SOFTWARE, COMPLETE FIELD WORKFLOW

Trion Survey is a GNSS field controller software that integrates surveying and construction workflows within a single application. It supports field surveying and data export, in-field design creation, data import, stakeout, as-built surveys, and reporting.

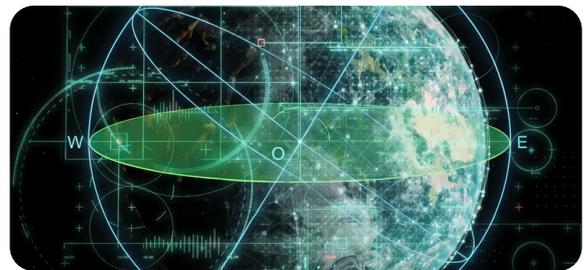
This workflow enables users to complete the full digital construction cycle from a single device—from initial surveying through design, layout, as-built documentation, and final reporting. Cloud-based data exchange also allows optional data import and export between the office and the field when required.



FEATURE HIGHLIGHT

Global Coordinate Systems

Over 6,000 predefined coordinate systems worldwide, with grid and geoid models available online for use and setup.

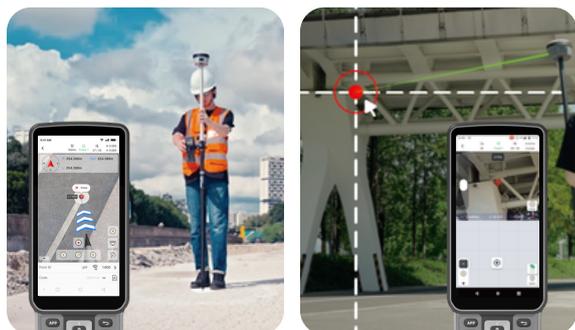
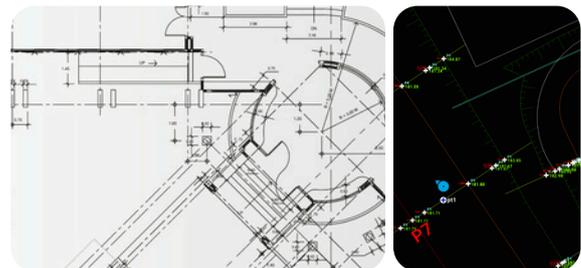


Multi-Layer Support

Supports DWG, DXF, SHP, KML, XML, and WMS/WFS files with full layer structure preserved for direct use in the field.

CAD Stakeout

Loads CAD drawings quickly and shows them clearly. Lets you stake out directly from the drawing for better accuracy and faster field work.



Visual Measurement

Supports AR stakeout and visual measurement including video, laser, and point cloud. Through intuitive visual workflows, users can complete positioning and measurement tasks directly from what they see.

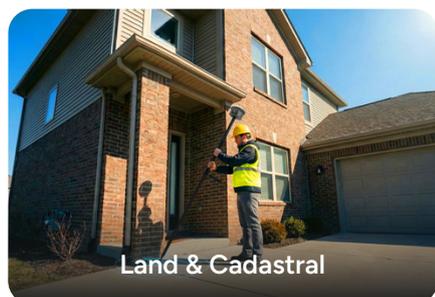
FROM FIELD TO OFFICE

Trion Survey connects field data collection with office processing on a single platform. Field data is synced to the cloud for review and analysis.

With GNSS post-processing, it supports workflows from data capture to final delivery, enabling field and office teams to work with the same data.



INDUSTRY SOLUTIONS



SPECIFICATIONS

Key Features

Data Collection	Measure Points
	Auto Measure
	Control Measure
	Tilt Measure
	Measure & Draw
	GIS Survey
	Measure Track
	Visual Measure
	Laser Measure
	Scan Measure
PPK Measure	
Stakeout	Stake Points / Lines / DTM
	Stake CAD
	Stake Road
	Stake Slope
	AR Stakeout
Calculation Tools	Volume
	Area Calculation / Division
	Inverse
	Point to Line
	Traverse / Offset Point
	Deflection
	Slope
	Intersection
	Segment Line / Arc
	Bisect Angle
Triangle	
Rectangle	

System Capabilities

Coordinate Systems	6,000+ predefined, Grid, Geoid
Codes	30+ symbols, customizable color
Data Import / Export	ASCII, DWG, DXF, KML, SHP, NCN, SIM, GT, RW5, PDF
Differential Link	Internal radio, External radio, Wi-Fi, NTRIP, FDDS, TCP
Radio Protocol	TRIMTALK, TRIMMK3, TT450S, TRANSEOT, SATEL
Multilingual Support	EN, ZH-CN, AR, BG, CS, DE, EL, ES, FR, HU, IT, JA, KO, PL, PT, RO, RU, TR, VI, ZH-TW

Cloud Service

Cloud Drive	Free 5GB cloud storage, supports data upload, download, and sharing
GNSS Studio	Professional post-processing platform, supports RTCM, RINEX 2.x, and RINEX 3.x

Supported Controllers

Handheld Terminal	FJD Trion E200 / E600 / E800
Tablet	FJD Trion UA80 / D8 / D10
Other Android devices	Android 8+ *, at least 3GB RAM, 32GB storage, Bluetooth 4.2

Supported GNSS Receivers

FJD Trion V1 / V1t

FJD Trion V10a / V10i / V10L / V100F

FJD Trion D10 Back Clip RTK

FJD Trion V4e / V4e Pro

*  Available for download on Google Play.

