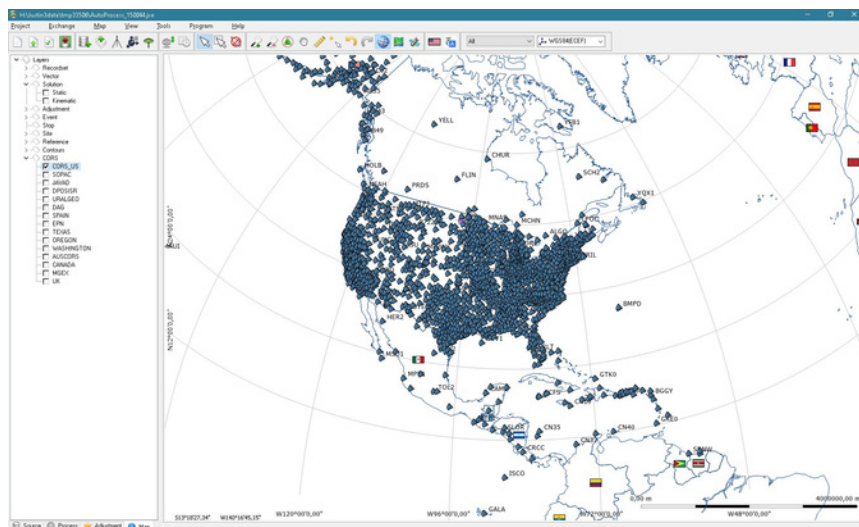


Justin 3

GNSS Post Processing Software



Key Features

- GPS, GLONASS, Galileo, BeiDou, QZSS
- Precise Point Positioning (PPP)
- Unlimited Project Size
- Network Adjustment
- Raw Data File Tools
- Multiple Coordinate Systems

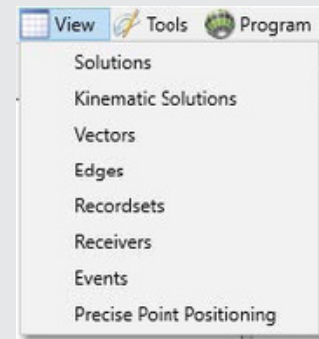
Justin 3 is a GNSS post processing software using raw data from the GPS, GLONASS, Galileo, BeiDou, and QZSS constellations.

The graphical user interface has a familiar GIS style for intuitive data management and post processing sequences.

With multiple coordinate systems and export formats, Justin 3 is adaptable for use in surveying, geodesy, and photogrammetry for precise post processed coordinates and geodetic network adjustment.

New Features

- Unlimited project size
- GNSS post processing for GPS, GLONASS, Galileo, BeiDou, & QZSS
- Precise Point Positioning (PPP)
- Multi-thread data processing



Core Functions

Post Processing

- Static, kinematic, stop & go
- Multiple GNSS signals
- Interactive mode for static & kinematic
- PPP
- Online GNSS data access

Adjustment

- Rigorous mathematical model
- Internal & external constraints
- Blunder detection

Localization

- Export / import with template
- 2D / 3D Mode
- Interactive blunder detection with chart

GIS

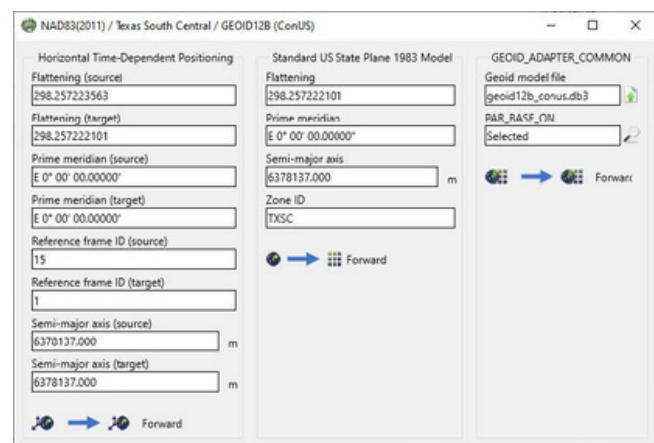
- Cartography worldwide
- Online background maps
- Multiple coordinate systems > 2,000
- Map features for layers, objects, charts
- Vector & raster background maps
- Group data management

Export / Import

- Multi-base & multi-antenna jps files
- GNSS data import
 - RINEX, Hatanaka compressed, RTCM 3.0, precise ephemeris, NGS atx, P1C1 biases, satellite clock
- Raw data export - RINEX, jps
- Multiple export formats
 - csv, shape, MID /MIF, tab, kml, PNEZD, StarNet, xml, txt

Static / Fast Static:

- Horizontal: 0.003 m + 0.1 ppm
- Vertical: 0.004 m + 0.4 ppm



GNSS performance is dependent on signal quality, satellite geometry (PDOP), ionospheric and tropospheric conditions, baseline length, multipath effects and RF interference. Specifications may be changed without notice.