

Trimble Juno Training
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Juno is a Geo CE device. It can be used for asset/inventory management, environmental monitoring, disaster management, and reconnaissance work to name a few. It is not ruggedized, so don't drop or scratch screens. You can buy screen protectors to protect the screen.

It is like a mini computer.

The Juno has:

- Bluetooth/WLAN capabilities
- DGPS – 2 to 5 meter accuracy
- Designed for data collection
- SD card slot
- Li-Ion battery
- Can add additional software

The GPS antenna is by the stylus holder.

Juno works well under tree canopies. You will get more satellites if you face the unit south.

Data Collection:

- Can update existing data
- Can navigate

TerraSync has 5 main screens: Map, data, navigation, status, and setup.

You want a PDOP of 6.0 or less. SBAS is what WAAS used to be.

PDOP – right side, above line; also on the screen below, will beep to let you know when something changes. This can also tell you if PDOP will be poor so you know when it can't collect data.

Data Dictionary – have to create own, create one for each project

Rover/Default – Always leave; will always have generic features

Remain still for approximately 20 seconds to get a good reading

Polygons/lines – remember where you started

Automatically saves data

Always click cancel when ActiveSync shows up

Red circle – 15 degrees

Black circle –

Will not use satellites between red/black circle, can adjust but will have a larger PDOP

Pathfinder Office –

- Import GIS data
- Base station to correct data
- Can convert to other programs
- Data dictionary
 - Can create shapes
- Can transfer data files
- QuickPlan

Default settings – decrease to 1 second

Keyboard – The idea is not to have to enter a whole bunch, but instead set up databases beforehand.