



Mapping



Survey & GIS



UAV



**Qinertia PPK performs GNSS/INS post-processing with raw GNSS observables. It is offered with AsteRx-i3 D Pro+, AsteRx-i3 S Pro+ and AsteRx SBI3 Pro+ receivers and is ideal for survey and mapping applications. The Septentrio GNSS/INS receiver combined with Qinertia provides a seamless workflow solution from mission data logging (GNSS and IMU) to post-processing. By post-processing GNSS and IMU data, trajectory and orientation accuracy is improved and sensor data such as images can be geotagged. This makes high-accuracy mapping possible even in places where real-time GNSS corrections are not available.**

### Processing made easy

- ▶ Motion profiles selection to tune sensor behavior to the application dynamics
- ▶ Seamless AsteRx-i3 D Pro+, AsteRx-i3 S Pro+ and AsteRx SBI3 Pro+ data processing
- ▶ Advanced multipath and rejection filters
- ▶ Automatic lever arm and alignment estimation

### Fast & modern technology

- Less than 3 minutes for a 6-hour log thanks to forward and backward computation at the same time
- Handle very large logs thanks to modern 64-bits design
- Fully integrated in your own solution even if cloud based: the Command Line Interface is available for integrators as well as power users needing batch
- Advanced QC indicators

### Powerful base station management

- Single base station or Virtual Base Station with automatic network adjustment
- Drag and drop user's base station data
- Preview trajectory and base station on the map
- Access to more than 8000 base stations in over 164 countries
- Automatic download and quality check

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