

## HEPOS POST-PROCESSING SERVICES

The HEPOS post-processing services can provide very high accuracy positioning. For determining coordinates in post-processing mode, the user measures with a geodetic GPS receiver at the unknown points. Afterwards, he processes his observations together with reference station data from HEPOS, for estimating the coordinates of the unknown points. This processing takes place in the office, after the measurements.

The post-processing services can be used for measuring using the following GPS-techniques:

- Static positioning
- Rapid-static positioning
- Post-processed Kinematic positioning

For using the post-processing services, the user requests reference station data from HEPOS. HEPOS supplies these data in RINEX or Compact RINEX format (Hatanaka). It is of particularly practical importance for the users, the capability of HEPOS to supply data not only from real but also from Virtual Reference Stations.

### Required equipment

In order to use the post-processing services, the user will need a **single- or dual-frequency geodetic GPS receiver** and a **post-processing software**.

### Accuracy of post-processing services

Using the post-processing services of HEPOS, the user can exploit the highest accuracy offered by the system. Using long observation times, accuracies at the level of few millimeters can be achieved.

The HEPOS post-processing services are provided only to registered users of the system.