

## **HEPOS REAL-TIME SERVICES**

The HEPOS real-time services can provide high accuracy positioning. A user can determine the coordinates of a point at the time of the measurement, by using only one geodetic GPS receiver. That means that there is no need for post-processing in the office, like in the case of the 'Post-processing' services.

The HEPOS real-time services can be used for measuring using the following GPS-techniques:

- Single-Base RTK
- Network RTK (VRS, FKP and MAC techniques)
- Single-Base DGPS
- Network DGPS

When using the HEPOS real time services, the user receives reference station data, the so-called corrections. These data are transmitted by the HEPOS Control Center in RTCM format (2.3, 3.0, 3.1, SAPOS) as well as in CMR+ format.

### Equipment required

In order to use the HEPOS real-time services, a user will need a GPS receiver (capable of **RTK** or **DGPS measuring techniques**) and a **GPRS** or **GSM modem** for connecting to the Control Center of HEPOS.

### Accuracy of real-time services

Using the real-time services of HEPOS, a user can achieve cm-level accuracy by measuring at an unknown point for a few seconds only.

The HEPOS real-time services are provided only to registered users of the system.