A ArpentGIS

Precise network detection and positionning

Localize using GNSS constellations with less than 10 cm accuracy (X, Y and Z) underground networks (electric networks, telecom, gas pipes, water pipes...), measure depths, localize defects and record your measurements.

Based on the **ArpentGIS** mapping solution associated with the high precision GNSS **Trimble GeoExplorer XH 6000** receiver and the **Radiodetection RD 8000** sensor, this easy-to-use solution is going to deliver dramatic changes to the way underground networks and defects are localized (cathodic protection, depth anomaly...).

When a measurement is logged with the **RD 8000** sensor the result of this measurement will be automatically transmitted to the GPS, geotagged and displayed on a graph which allows to quickly analyze the results.
This solution can also be used without any sensor for classic mapping applications.
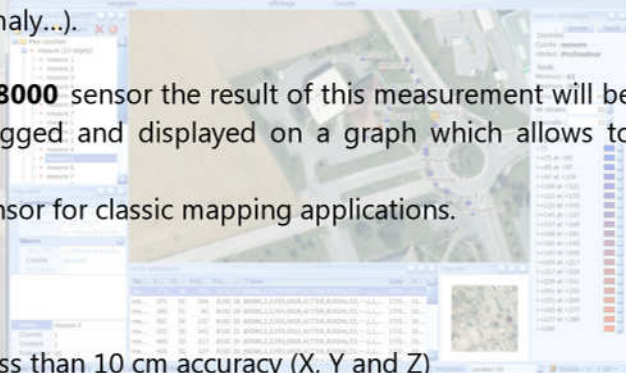
Technical specifications :

Measurements localization in real time with less than 10 cm accuracy (X, Y and Z)
Automatic logging of the information/depth/current of a position and graph display in real time:
- Depth / Distance or Time
- Current / Distance or Time

Transfer and export of field measurements to your usual mapping software

- *Easy to use*
- *1 to 10 cm accuracy in the three axes*
- *GNSS solution (GPS + GLONASS)*
- *Compatible with every GIS or CAD software*
  (ESRI ArcGIS Desktop, MapInfo, Autocad, MicroStation...)

Real time differential networks compatible

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