



EPS – Easy Pipe Solution
**Integrated solution for locating and documentation of
subterranean wires, pipes and lines**

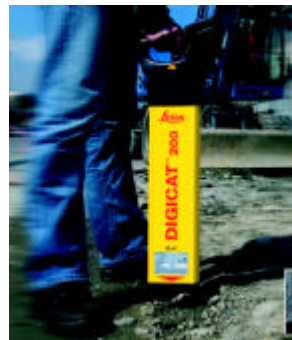
Subterranean fittings of infrastructure like wires, pipes and lines are of great value. Nevertheless in a lot of cases neither the position of these fittings is known nor does a documentation exist.

For planning, maintaining and repairing it is necessary to have the exact information about the position of these fittings of the supply grid. Thus the responsible companies have to check the maps with these informations to avoid a damage of existing fittings.

The EPS-System is an integrated solution from the company Allsat GmbH. The system supplies the important informations of location, surveying and mapping.

The part of the EPS-System for locating the subterranean fittings ist the DIGICAT 200 GIS. It is possible to locate supply lines up to a depth of 3m.

The DIGICAT 200 GIS:



The information of the depth is shown on the display of DIGICAT 200 GIS and can be transmitted via Bluetooth to a satellitebased system. With the satellitebased system as a part of the EPS-System for surveying you have the opportunity to get a 3D-position. Depending on the demanded accuracy of the position, you can send the information of depth from the DIGICAT 200 GIS to a satellite based solution with an accuracy of around 2cm (SmartRover) or with an accuracy of around 0,5m (MobileMapper).

The SmartRover:



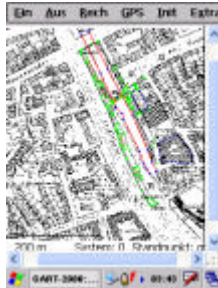
The MobileMapper:





The software GART-2000 controls as well as the SmartRover also the MobileMapper and is responsible for the processing and the mapping of the data. Interfaces to all current GIS exist. GART-2000 is programmed by the software developers of Allsat GmbH.

The Software GART-2000:



With the EPS-System the user has a an integrated workflow from locating over surveying to mapping and increases its productivity. The system minimizes the risk of damage to valuable fittings of infrastructure and helps to avoid injuries on the roadworks.

For further informations:

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