AVANZIT
TECNOLOGÍA

sirenet

RADIOELECTRIC PLANNING SYSTEM

Description

SIRENET is a radio planning and management tool which allows to handle spectral resources in a fast and efficient way.

SIRENET is based on the best advanced and modern technologies to quickly manage all the necessary geographic information . All this is possible with a PC equipped with the operative system Windows 95/98/2000/NT or connected to a corporate local area network.

With **SIRENET** you will be able to:

- carry out the theoretic network planning
- calibrate simulations with field measurements
- analyse the cost of each configuration
- submit frequency applications
- monitor the network quality
- manage the technical inventories
- produce customer service data

Applications

Radio manufacturers, spectral managers, broadcasters, engineering / consultancy, public emergency, utilities, teaching / universities

Features

- Fast cartography management (scroll, zoom, etc).
- Automatic conversion from any projection system to geographic co-ordinates and vice versa.
- Cartographic files import: heights, morpho graphy, demography, traffic, planimetry...
- Database features: copy, duplicate, save, save as, modify, delete, export.
- Multimedia database: icons linked to images and video.

- Radio prediction algorithms: ITU-R 370, ITU-R 526, Deygout, Line of Sight, Okumura-Hata, COST-231.

- Results superimposed over maps.

- Report generation with the results of the studies.

- Drawing: insertion of graphic elements which can be saved in a file and retrieved.

- Multi-user mode: resource sharing (maps, results) by several users.