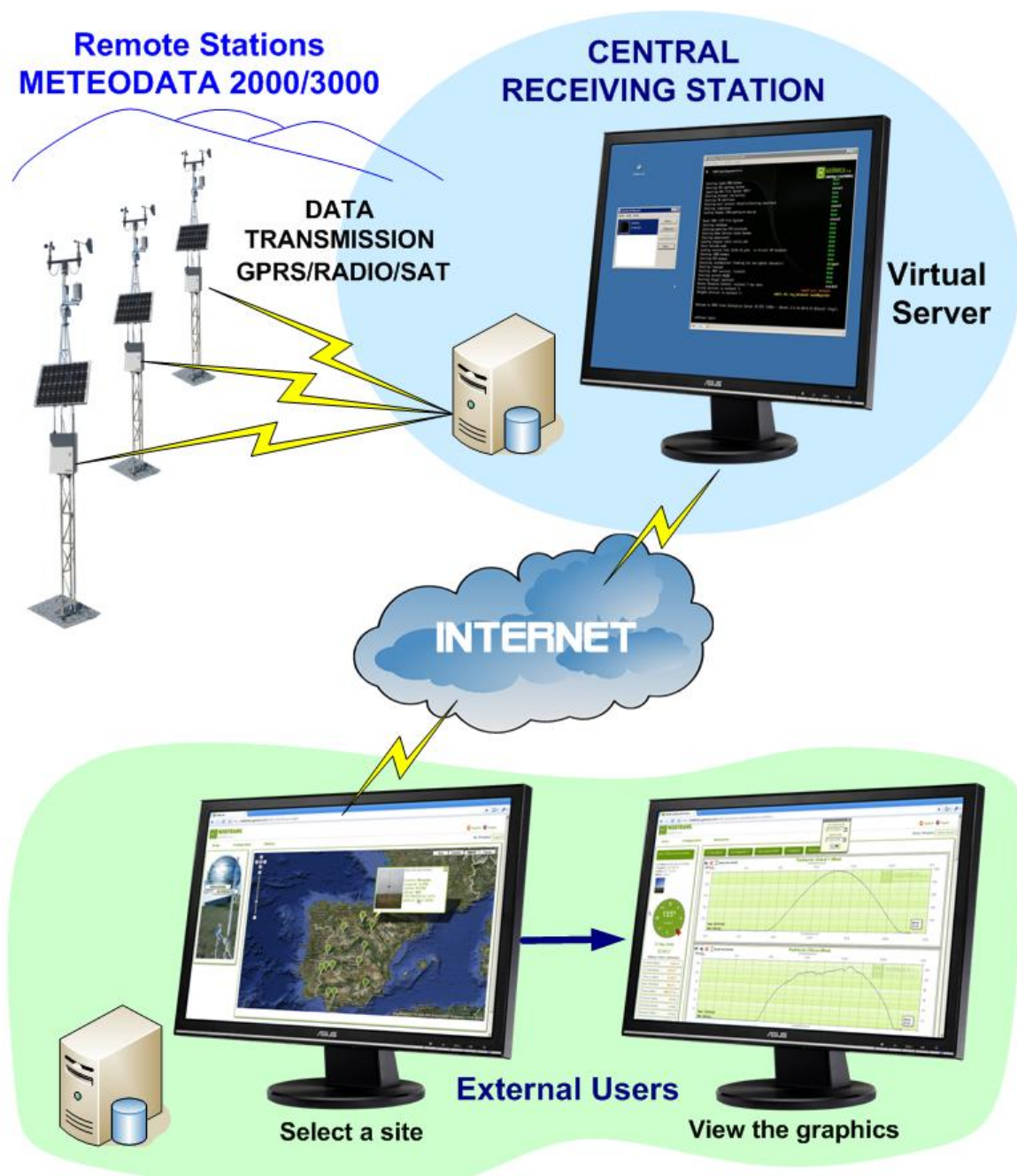# WEBTRANS *Ubiquitas*-Internet Platform
(WEB Posting Tool)

The WEBTRANS *Ubiquitas* is a "Portable" WEB Server that can be installed very easily on your own computer or LAN (working as a Host) in a few minutes, following very simple instructions.

Thanks to this platform, users will be able to receive data from Geonica stations in real time, to look up time periods and to configure graphics
If you have an Internet connection, as the image shows, you will be able to access to the stations everywhere, else data only will be visible from our LAN.

The Webtrans Ubiquitas Platform is a complement for Teletrans (our program to communicate with Geonica 2000C/3000C series stations) which is capable of collecting and storing data in a SQI Data Base, where the virtual server obtains all the information.

All the data stored in the database can be consulted through a web navigator and are showed in graphics, tables or numeric formats. It is possible to create remote stations networks. A range of available networks is:

- # **Hydro-Met System** (Hydro-Meteorological Network)
- # **RainAlert System** (Early Flood Warning Network)
- # **Aqualert System** (Water Quality Monitoring)
- # **DATAMAR-2000/3000** (RADAR Tidal Network)
- # **GammALERT System** (Early Warning Environmental Gamma Ray Monitoring)
- # **Noise Mapper System** (Outdoor Environmental Noise Monitoring)

- # **Golf Weather System** (Environmental Noise Monitoring of Golf Courses)
- # **Gas Alert System** (Early Warning Toxic & Combustible Gas Leak Detection)
- # **Sun Power System** (Solar Energy Assessment)
- # **Wind Power System** (Wind Energy Assessment)
- # **Safe Road System** (Road Weather Information)
- # **DataCar System** (On Road Vehicle Count and Classification) and more...

GENERAL HARDWARE &SOFTWARE REQUIREMENTS

SERVER Requirements (Host Computer)

To have an Internet domain or sub-domain
Operating System: Windows XP, Vista 7 Operating System
2005 or newer SQL server
To have the free Microsoft Virtual PC Software, available at:
http://www.microsoft.com/windows/downloads/virtualpc/default.mspx

REMOTE STATIONS Requirements

Remote stations must be Geonica 2000/3000 series and the must incorporate one of the next data transmission options: GPRS, GSM, Ethernet, Radio, Point to Point Communications or Satellite.

Software and Hardware Requirements:

Software Requirements on the host system
- Internet domain or sub-domain
- Windows XP, Vista or 7 Operating System
- 2005 or newer SQL server
- To install the free program "Virtual PC":
http://www.microsoft.com/windows/virtual-pc/download.aspx

Hardware Requirements
Estimated free space of 4.5 GB in disc for the virtual server

Minimum	Recommended
- Core 2 Duo	- Quard
- 2GB RAM	- 4GB RAM
(640 Kb for Virtual Server)	(1GB for Virtual Server)

FEATURES TO BE DEFINED for each customer or application

Number of data base servers (standard configuration includes a data base server)
Maximum number of users managed by the application (the standard is five users, administrator included).

NOTE: *The maximum number of simultaneous users would be limited by the RAM memory available, the speed of the processor, as well as by the bandwidth of the Internet connection of the Server.*