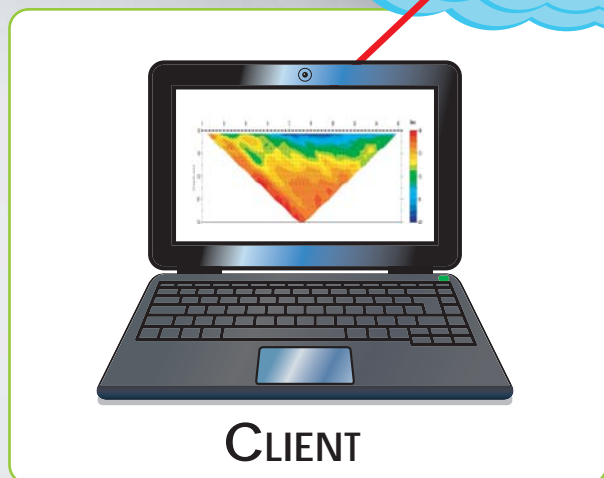


INTERNET

CLOUD STORAGE



CLIMATE CONTROLLED FACILITY

INSTALLED ELECTRODES
IN BOREHOLES AND/OR
SURFACE PLACEMENT

Applications:

- Remote control and monitoring of numerous subsurface processes with electrical imaging in 2D, 3D and 4D (time-lapse) from a network connection or cloud storage location.

SuperSting Remote™

REMOTE MONITORING RESISTIVITY & IP SYSTEM

The SuperSting WiFi Remote resistivity IP and SP monitoring system is designed for unattended monitoring of subsurface processes such as environmental remediation progress, groundwater recharge, infiltration tests, injection tests, salt/fresh water interaction, leakage from landfills, tanks and dams, soil moisture changes, under-ground tunneling and temperature changes.

FEATURES

- Automatic reporting by email, cloud server or client program
- Remote scheduling of tasks through client program
- Remote Notification at the start of each new task by email or through client program
- Automatic power management of the battery bank
- Remote Network Error alarms by email or the client program
- Schedule surveys at certain times and dates
- Repeat the same survey at a time interval for time-lapse studies
- Start a survey from any network connection
- Download survey results directly or from a cloud server
- Change survey parameters from any network connection



SuperSting WiFi Remote equipment set-up

TECHNICAL SPECIFICATION

The remote monitoring system comprises:

- Client and server computer remote software
- A remote interface box
- Two battery chargers
- Optical fiber RS232 link
- Kit of connecting cables

In addition you will need:

- Fixed installation of electrodes
- SuperSting R1/IP or R8/IP
- Suitable Switch box or SuperSting with built in switches
- Battery bank with 2 or 4 (four if boost battery is required) high capacity deep-cycle 12 Volt batteries
- Server computer with; Windows 7/8 and at least two USB ports
- Uninterruptible power supply (UPS) to power the server PC and interface box.
- Mains power AC power of 120/220V
- Internet connection with standard TCP/IP protocol



The SuperSting Remote Monitoring components should be installed in an enclosed structure with preferably climate control that keeps temperature and humidity within normal office limits. Even though the SuperSting is capable of operation in harsh environments, the PC and network components require an office setting.

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