

# CG APPLICATIONS

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**Application Note :** April 19<sup>th</sup> 2006

**Market involved :** Water Treatment and Waste Water

**Product :** PowerSoft Base, Alarm and Web Modules VCP-DIN ; CPT-DIN AV53 H S BX

**Customer :** Local Water Authority

**Subject :** Monitoring of unguarded plant

## CUSTOMER ISSUE :

A local water authority has to monitor 20 pumps and several other loads located in 8 different unguarded plants.

Because of the committed level of service, the authority has to have an efficient maintenance staff able to intervene as soon as any alarm condition occurs.

All the information must be gathered in the central control room.

## OUR SOLUTION:

The instrument networks are connected to the Internet through VCP-DIN, while PowerSoft - installed in the control room and connected to the web too - reads, stores and controls all the electrical variables.

Its Alarm module notifies and stores any abnormal condition, managing its acknowledgement too.

The Web-server module allows all the PowerSoft information to be remotely accessible, using a standard browser.

## ACHIEVED BENEFITS:

The management of each local instrument network does not require any PC, but it is carried out by VCP-DIN, therefore saving money.

Also the cabling costs are limited only to the local RS485 networks (one per each plant), because the connection among the plants and the control room exploit the Internet network.

A continuous control of all the variables of all the meters is possible thanks to the Alarm module.

All the system information can be remotely accessed via web without any additional licences, but just using a standard browser.

