

# CG APPLICATIONS

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

**Market involved :** Medium, heavy industries (hose products)

**Product :** PowerSoft Base; Tariff, Analysis and Billing Modules; WM3-96; WM22-DIN (10A)

**Customer :** Eng. companies / System Integrators

**Subject :** Optimisation of the contractual powers and evaluation of different suppliers

## CUSTOMER ISSUE :

In any Industry (a hose products company in the specific application) it is very important to negotiate the contractual powers available during the different hours of the day, in order to have the lowest fixed costs and avoid any overpower demand, which leads to high penalties to be paid. Furthermore, the different suppliers and the relevant contracts are to be evaluated in function of the actual consumptions, in order to get the better available conditions, minimizing the energy costs.

## OUR SOLUTION:

PowerSoft collects and stores all the consumption data from the instruments on the network (WM22-DIN - to monitor each department), and in particular from the main instrument (WM3-96), the one connected just downstream the official watt-hour meter. The analysis support module performs a statistical analysis of the stored data, allowing the Energy Manager to change the contractual power accordingly, saving the money of the non-used power and the avoided penalties. The Multi-tariff and the Cost estimation module can estimate the energy bill from other suppliers, just entering the relevant contract parameters.

## ACHIEVED BENEFITS:

PowerSoft allows the energy fixed costs to be minimised, simulating different contracts in order to choose the cheapest. Furthermore it is possible to operate with any multi-tariff contract, because of the extreme flexibility of the tariff module.

