



> THE OBJECTIVE

- To cut the energy costs linked to production by at least 10 %:
 - > While guaranteeing a return on investment within less than 18 months
 - > With a lead time of under 3 months for implementation of the solution

> THE STRATEGY PROPOSED

- > Detailed, accurate **mapping** of **consumption**
- > Centralization and automation of consumption data collection
- > Easy identification of potential savings to define the action to be taken

> THE SOLUTION CHOSEN

- > Implementation of **software** for remote metering and **analysis** of **multi-energy** consumption in order to:
 - > **Measure** accurately the effectiveness of the action taken to achieve savings
 - > **Evaluate** the results of the action for savings in terms of financial units
 - > **Ensure** transmission and automatic circulation of the documents to the actors in the company
 - > **Distribute** useful and necessary information to each actor in the energy chain
- > Installation of 25 **power monitors** on the MV/HV transformers
- > Recovery of information on more than 75 meters (water, gas, electricity) via 20 communicating pulse receivers
- > **Communication** with all the products via the **Ethernet network**

Energy production,
transmission & distribution

ENERGY EFFICIENCY

Network supervision

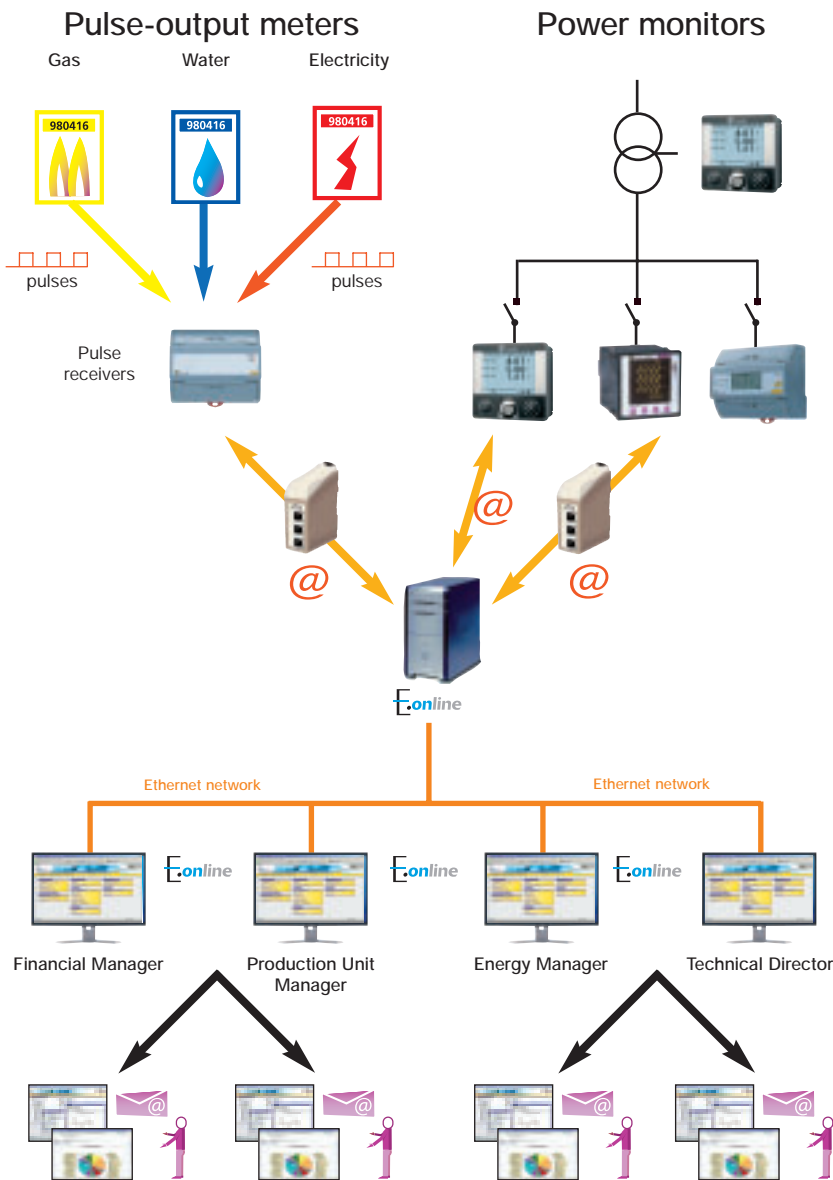
Meteorological
measurement

Audit & Inspection



- An **11%** reduction in energy consumption
- **4,825,000** kWh saved
- Gains worth **€ 270,000**

the equivalent of 35 days' consumption for production

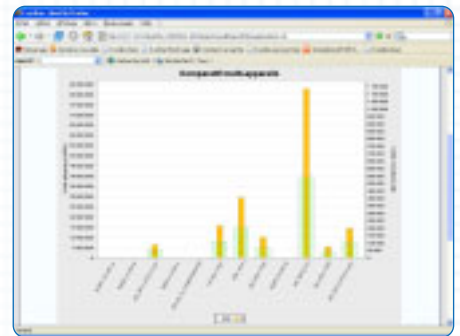


Recommended products

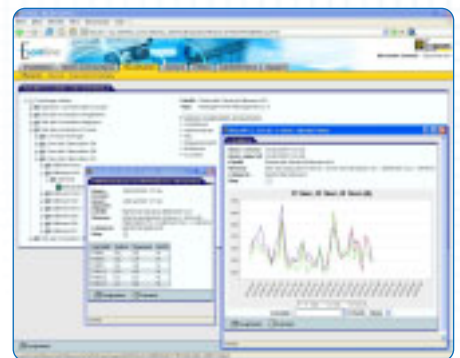
E.ONLINE	System for collecting and monitoring data on energy distribution and consumption
ENERIUM	Power monitor
ULYS	Electronic energy meter
CCT	Energy pulse receivers
JBus /Ethernet gateway	Communication interface

> AN UPGRADABLE, RELIABLE, ACCURATE AND LONG-LASTING SYSTEM WHICH:

- provides details of all types of consumption from all the metering points in real time
- assesses the effectiveness of action for savings through management and allocation of the costs by cost centre (daily reports providing figures in monetary units and energy units)
- a 100 %-Web solution giving all actors access from any workstation in the company's network
- suitable for all functions in the company (maintenance, production, financial management, etc.) by targeted distribution of balance sheets and reports



Monitoring of the site's electrical consumption



Analysis of the consumption to identify potential savings

> RELATED SERVICES

- PROJECT ENGINEERING
- COMMISSIONING AND INSPECTION OF INSTALLATIONS
- NETWORK EXPERTISE
- HOSTING OF SOLUTIONS

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