

CG APPLICATIONS

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Application Note : April 19th 2006

Market involved : Plastic & Rubber

Product : PowerSoft Base; Alarm and Billing Modules; WM22-DIN (90A and 10A)

Customer : Production Facilities

Subject : Carrying out of a cost allocation program

CUSTOMER ISSUE :

A plastic goods manufacturer has more than 30 moulding machines producing different types of items for different customers (glasses and cups, instrument covers, mechanical components etc.)

In order to properly allocate the energy costs per produced item/customer, it is important to correctly split the production costs;

OUR SOLUTION:

A WM22-DIN is installed onboard of each moulding machine and all the instruments are connected in a RS485 network.

PowerSoft is managing the communication and gathers any variable from WM22-DIN, controlling also the main electrical parameters of the moulding machine, thanks to the PowerSoft Alarm module.

The production batch consumption of each machine is available and the cost allocation can be easily carried out.

ACHIEVED BENEFITS:

The software is tailormade thanks to the modular concept, in order to meet the customers needs, providing not only the goods production cost allocation but also a powerful control of the machine main electrical parameters, thus avoiding undesired production stops.

The 90A direct connection of WM22, where requested, leads to save the money for the external CT's.

