

JUMO

JUMO proposes ALERT in combination with its SCADA software SVS-2000

The company JUMO, located at Fulda (Germany), has existed as producer for measurement and control for more than 50 years. The product offer consists of mechanical parts and assemblies, electrochemical circuits, pressure measurement instruments, circuit boards, electronic assemblies, thermostats, electronic controllers, electrical actuators, automation software, etc. In 2002, 1700 employees work for JUMO in Germany and abroad. (www.jumo.de).

Role of the JUMO instruments and of the process visualization software SVS-2000

Functions like process control and data recording are taken over from JUMO instruments. In the course of automation, all data and information of the process are transmitted to a PC and displayed and reported there.

Thus, data in the archives can be consulted in the future.SVS-2000

- is a process visualization software with batch-related data report and evaluation
- has extensive reporting functions
- Predefined graphic elements are contained in a library, especially for the connection of JUMO instruments. This facilitates the creation of applications, since the system only has to be configured.
- Data may be displayed as real-time trend or historically (recorded in the past).

JUMO proposes the on-call management software ALERT, edited by MICROMEDIA, as an additional software to its process visualization software SVS-2000.

Role of the ALERT software

When the supervision central office is not manned or during the weekend, the alarm-information (e.g. the exceeding of an authorized temperature or the breakdown of a furnace) and the state of the facility are transmitted by ALERT to the operators as fax, SMS text, verbal message (via mobile phone or telephone), email or Win Popup.

The triggering can be executed from SVS-2000 itself (when exceeding a limit) or from the connected instruments (controller, limit comparison device, binary input, ...). Thus, the operators are informed about the state of the facility.

By using ALERT, many processes are supervised automatically and the maintenance team comes in to repair the facility only if required. Hereby, the mobilization of shift personnel can be reduced.

Ranges of application

SVS-2000 and ALERT can be used in many different sectors thanks to the flexibility of both of them.

SVS-2000, interfaced with ALERT, is well established in the fields of furnace construction (industrial furnaces and heat treatment installations, chamber furnaces, tunnel furnaces, annealing furnaces, hardening furnaces, ...) and food and luxury food (machines for this sector, dairies, cheese dairies, butcher's equipment, cooking and smoking installations, ...).

