

Point L - Bulgaria Ltd. offers:

- System Engineering
- Software
- Intelligent Actuators and Devices
- Patents and Know-How
- Experience



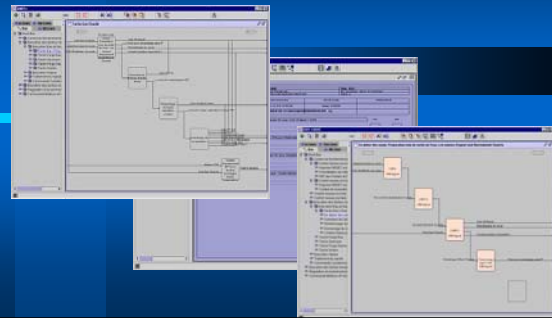
4th Generation Process Control System of Point L

- Industrial Lon Works® network technology
- Distributed Logic over the network
- Build-in Logic Interpreter

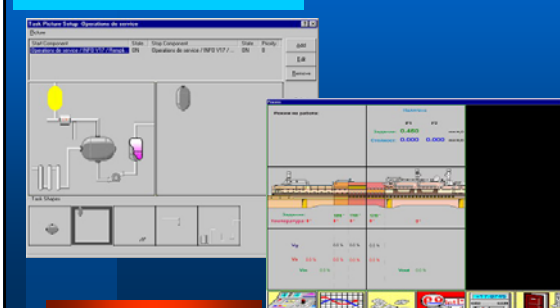
Software

- SANDRA CASE Designer
 - Design and Functional Analysis of Control Systems (SADT Method)
- Creon
 - Manager and Visualisation of Process Flow (SCADA for Distributed Logic Systems)
- QuantaMagnum LM
 - Industrial network diagnostics and maintenance

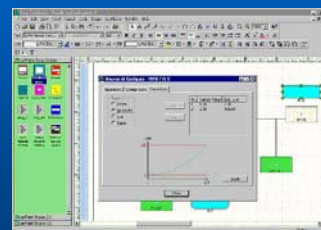
SANDRA CASE Designer



CREON SCADA System



QUANTAMAGNUM LM

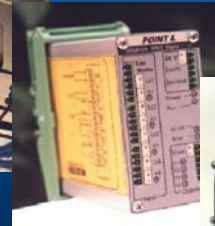


Intelligent Actuators

- Contactless Position Readout and Control
- Functional diagnostics and control incorporated in actuator
- Application range - all actuator types, **new and used**



Intelligent Devices



Needs of precise temperature measurements

STEPS:

- Cooperation with the **Institute of Solid State Physics - Bulgarian Academy of Sciences** on a mutual interest basis.
- Performance of the **5th FW RTD Project**: Multi-channel measurement and control system based on resonant piezoelectric crystal sensors (QxSens). Development piezoelectric crystal sensors for precise temperature measurements.
- Creation of co-operative products

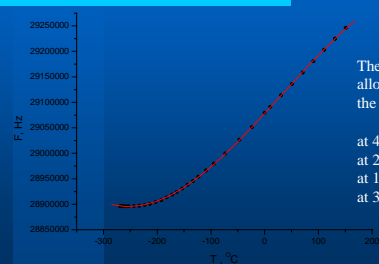
RESULTS:



Developed new quartz resonator sensors and intelligent sensor devices



Temperature - Frequency Characteristic in temperature range from 4.2K to 430K



Applications: precisely measurements (control optimizations tasks), cryogenic processes, etc.

