State-of-the-art control technology is a key part for the flawless operation of a melting furnace. As leading furnace and forehearth supplier, we offer you the optimal control concept for each application. Together we will find the best solution for your plant automatization.

Besides Electrical Engineering and Documentation (piping and instrumentation diagram, wiring diagrams, control cabinet details) as well as PLC/PCS Hardware, our service includes Engineering, Programming, Commissioning, and an extensive After Sales Service. Everything from a single source.

With the SORG Control & SCADA Systems you have the guarantee for high flexibility and availability, a high level of transparency, as well as cost optimization. Profit from advantages like easy extendable plants, backup visualization and operation, independent safety PLCs, and multi-level operating concepts.
**Basic Control Level** - tested and ready to connect to an optional SCADA system

**Basic Control Level + SCADA System** (Network Protection + SORG® VPN Remote Service) - the Basic Control Level can get equipped with any number of operator stations

**Further Option:** Web access and data exchange
Advanced technology: Basic Control Level + SCADA System + Terminal Server and ThinClient (RDP) for process supervision - further development of the basic control level to an advanced, smart and robust technology with ThinClients and Terminal Servers (one or two servers possible)

Plant-Wide Automation - seemless combination of process automation and factory automation for a maximum of transparency and cost optimization
SORG Range of Services

- Development of optimal system architecture
- CAD Engineering
- Control cabinet planning
- Control cabinet construction
- Programming of the control system
- Programming of the visualization system
- Cabling and field installation
- Detailed signal test and FAT at SORG workshop
- Commissioning and construction supervision on site
- Training courses on site or at SORG
- Procedural optimization

SCADA/PLS Applications based on

- SIEMENS (S7/WinCC/TIA/PCS7 ...)
- Rockwell Automation (RSView ...)
- Safety Systems

Extras

- SORG® VPN Remote Service
- Data Exchange
- Expert Systems
- i4.0 Technologies