German | Webcam

Our company at a glance

- The company's headquarter is in Deggendorf (Germany)
- The company was founded in 1992
- We employ 11 people (engineers, masters, electronic technicians)
- We participate in an international exhibition: Glasstec Düsseldorf

The company Schlemmer Prozess Systeme is an innovative and international established company in the field of measuring and control technology. We focus on these services:

- Analysis of manufacturing processes
- Planning and project work
- Controlling and process control systems
- Drive technology and machine controlling
- Automation
- Factory wide automation solutions based on SIMATIC PCS7
- Plant simulation and staff training

Our proposal:

The best is, to ask us to submit an offer without obligation for any of your projects. So you can find out if we are the right partner for your company and your projects. We would like to provide you with our experience and attend you from the first spark of the idea up to practical employment. Based on our many years of experience and flexibility, we are confident that we submit an offer which is attractive in every aspect.

Our services:

- **Concept design**

Meetings help us to choose a reasonable solution for your problem. The requirements specifications will be written from us and provide a general documentation of the automation solution of choice. Don't hesitate to contact us. We take care of every plant, regardless of plant size. From small plants, exclusively based on relay technology, up to networked plants, comprising several control systems.

- **Design of wiring schemes with CAE support**

Our employees take care to choose the hardware with the best price / performance ratio. The use of standard components of renowned brands ensures long-term availability of spare parts. Modern CAE systems (EPLAN, WSCAD) are the base for blueprints.

- **Control cabinet construction and wiring**

The control cabinets are constructed according to current norms of your country, with this electromagnetic compatibility (EMC) can be guaranteed. Generally, only components with a valid CE code are used. To ensure commissioning without any problems, all hardware has been tested before shipping.

- **Software design and programming of PLC / drive technology / machine controlling**

Based on our experience, we rely on standard PLC control systems and PC-based control systems of renowned brands (SIMATIC S7 / Sinumerik / Sinamics / Simotion, IFM, Beckhoff etc.). This ensures reliable function and compliance to all required output parameters during plant operation.

- **Visualization / Process control systems**

When it comes to plant management and statistics, we offer a wide range of useful solutions, from simple text displays and operator panels up to sophisticated process visualization systems and process control systems (PCS7). On demand, we integrate the new control system to your existing database (Excel, Access, MS SQL, SAP).

- **Commissioning**

We develop with your cooperation a strategy to ensure faultless integration into the production plant. Even after successful commissioning and handing-over the plant we take still care of your plant. Just ask for a tailor-made maintenance and service contract.

Our business activities at a glance:

Concepts and consulting

- Concept design
- Bidding documents
- Pre-planning and detail planning
- Project management
- Consulting for plant optimization

Hardware layout and control cabinet construction

- Hardware planning with WSCAD and EPLAN
- Control cabinet construction
- Hardware and software testing

PLC programming

- SIMATIC S5
- SIMATIC S7
- SIMATIC PCS7
- EUROTHERM PC3000
- IFM ECOLOG 100plus
- IFM ECOSYSASI
- BECKHOFF

Process visualization and process control systems

- SIMATIC WinCC
- SIMATIC PCS7
- EMATION WIZCON
- INTELLUTION FIXDMACS

Software development

- MS Visual Basic
- MS Visual Basic for Applications
- MS Access
- C++ for Applications

Weighing technology

- SIWAREX-M
- SIWAREX-U
- SIWAREX FTA

Drive technology

- SINUMERIK
- SIMODRIVE
- SIMOVERT
- SIMOTION
- SINAMICS
- MICROMASTER
- SCOUT
- Frequenzkonverter

Bus systems

- Profibus DP/FMS
- ASI – Bus
- Ethernet, TCP/IP
- Remote control (modem, ISDN, VPN, Internet, Intranet, WLAN, Bluetooth)
- Serial communication
- Redundant bus system design

Special fields

- Migration from TELEPERM M to SIMATIC PCS7
- Migration form SIMATIC S5-xxx to SIMATIC S7/PCS7
- Migration from PCS7 version X to 5/6/7
- PCS7 Faceplate technology for industry
- Fuzzy control
- GCP glass control packages for charger, tank furnace, feeder, power control
- Machine controlling with Siemens SIMODRIVE, SIMOTION and SINUMERIK
- Portal controlling
- Data base linking
- Machine controller

Technical documentation

- Documentation of projects, hardware and software
- Plant description and user manuals
- Troubleshooting documentation
- Error management
- Writing of technical literature

Commissioning and service

- Site management
- Control and process optimization
- Staff training
- Service and online support
- Remote control
- After-sales service
- Plant simulation