

Consulting and Training

As an independent system integrator we advise our customers in an objective and target-oriented manner. Our customers benefit from our long-term experiences in various applications.



Consulting

- System-Solutions
- Hardware concepts
- Automation concepts
- Structuring of PLC/HMI-software
- Cost reduction

Training

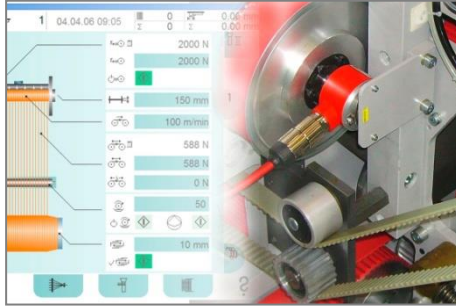
- PLC- and HMI Customer- and Application-specific

Benchmarking

- Continual market surveys
- Specific product analysis

Engineering

Based on more than 15 years experience in the automation of machines and systems we develop new and innovative solutions in close cooperation with our customers.



Control Systems

- Siemens S7
- IEC 61131 (CoDeSys)
- B&R Automation Studio
- Rockwell Allen Bradley

Human Machine Interface

- Siemens WinCC /WinCC flexibel
- CopaData zenOn
- Microinnovation Galileo
- Rockwell RSView
- Intellution iFix

Automation Pharma + Food

- EG-GMP / FDA 21 CFR Part 11
- BATCH-Control
- Validation of processes

Drive Control

- Servo und frequency inverter control

Data Processing

- Data base, VB-/C#-applications

Hardware Engineering

- Eplan 5.7 and P8
- E3

Switch Cabinet Assembly

Benninger Zell assembles switch cabinets and control systems for different applications on an area of 2000 m².



Switch Cabinet Assembly

- > 2000 switch cabinets/a
- One-piece and series assembly
- Assembly, testing, commissioning
- Specific regulations (UL, CSA, etc.)

Efficient production

- Perforex Machining Centre Precision and constant quality with by use of CAD-Tools
- Wire-Labeling with Cable-Routing

Assembly and Commissioning

- Worldwide commissioning

Quality Management System

- Certified according ISO9001:2008

Service Worldwide

Benninger ensures a smooth production process with its competent service: diagnosis and fault clearance in any situation, fast and reliable worldwide deliveries of spare parts.



Service Worldwide

- Remote control access
- Benninger spare parts logistics
- Support with local employees
- Ressources and locations worldwide

Retrofit

- Modernization of PLC, HMI and Automation-Periphery
- Planning, realization and starting up