

For greater productivity and quality:

Control system modernisation – even for third-party manufacturers' equipment!

Is your control system ready for Industry 4.0?

Your equipment's intelligence lies in its control system. Modern visualisation systems display the entire process chain including all sub-processes virtually and help to optimise components, create process understanding and thereby facilitate operations. Visual monitoring alone no longer meets today's requirements in terms of quality improvements, speed and reduced costs – automated quality control systems are the future.



Talk to us to get your plant's control system ready for the future too.



Our customers are increasingly looking for the following modernisation measures:

- **Upgrades to robot control systems**
e.g. KUKA KRC 1/C2 to KRC 4, ABB S4C Plus to IRC 5 or to suit customer requirements
- **Conversion to the latest control technology**
(Siemens, Allen Bradley, Omron, Mitsubishi, VIPA, Schneider, Beckhoff, SEW, etc.)
- **Process data acquisition**
for continuous production optimisations
- **Installation of camera systems**
for automated quality control

Your benefits following the control system modernisation:

- **Detailed product data acquisition**
- **Easy-to-use user interface**
- **Desired functions**
you have been missing so far (after testing)
- **Control system connection to a higher-level network**
- **Display and adjustment of all process parameters on a touch panel**
- **Equipment of the plant with a remote maintenance system**

Steuerungsmodernisierung

This, amongst other things, is what we offer you:

- ✓ Exchange your PLC for the latest Siemens control system or similar
- ✓ Exchange your control unit for a Siemens Comfort Panel, Siemens Industrial PC or similar
- ✓ Programme changes on request
- ✓ Exchange/modernisation of old control cabinet components and control cabinet technology
- ✓ Expansion of existing equipment (incl. third-party products manufacturers) and, if necessary, troubleshooting
- ✓ Training and commissioning support



Automation, control and regulation technology

CAD electrical engineering design
(EPLAN 8 incl. Fluid / WSCAD / ELCAD)

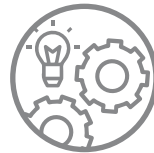
Control cabinet construction

Electrical installation

Software (all standard manufacturers)

Control and regulation technology

Networking with higher-level control systems / databases



Our services = Your benefits

Construction and planning

Creation of AutoCAD drawings
(EPLAN 8 incl. Fluid / WSCAD / ELCAD)

Plant production

Control system equipment

Commissioning up to the handover to production

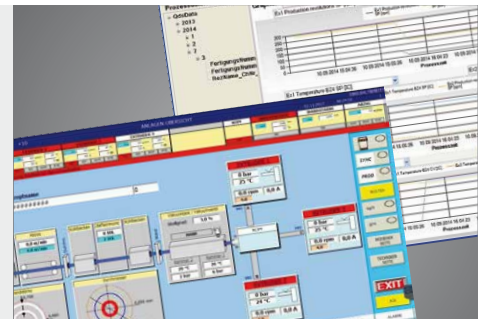
Employee training and operator instruction

Complete documentation

CE certification

Everything from a single source

As a subsidiary of the **Pütz Group**, we offer more than just process automation. The joint development of ten mechanical and plant engineering companies to date has produced **synergy effects** that benefit our customers.



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