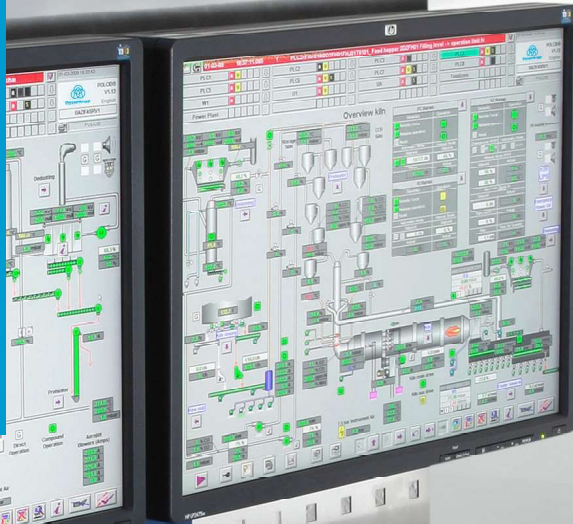Industrial Solutions

polcid®

Process control system
for the cement, lime
and chemical industry

thyssenkrupp

polcid®
– the process control system for the cement, lime and chemical industry

The polcid® process control system combines comprehensive process engineering know-how and ultramodern hardware and basic software from the world's leading manufacturers of process control system components, creating an optimum system structure for our client industries.

Being of consistent modular design, polcid® is predestined for individual configurations ranging from a single plant section to complete production lines. The system is therefore optimally prepared for tomorrow's requirements.

Planning security, investment protection, continuity and service with process know-how are further benefits.

polcid® includes ready-made interfaces for the sub-control systems that are typical for the industry – such as conveyor scale, kiln firing and blending bed control systems.

Standardised interfaces for the connection of management, maintenance and dispatch automation systems are also integral components of the polcid® system.

Upgrades are an integral part of our service concept and are still possible even after several years. They can be carried out with only a short stoppage or possibly no stoppage at all.

Modernisation of existing process control systems

To enable users of existing polcid® process control systems to profit from the advantages of the latest generation, thyssenkrupp Industrial Solutions offers DCCONVERT, a tool for the automatic conversion of existing interlock programs and databases to the latest software platform versions.

This tool is able to automatically convert older polcid® applications to new software versions and programming environments.

Advantages for the Process Operator

- User-friendly screen and menu organisation

- Clearly arranged displays for plant sections, trends, controllers, alarms, messages and logs

- Start/Stop actions, setpoint inputs and object-related status information in the plant display

- Ergonomic control and printer desks with attractive control room design

- Configurable workstations

- Unique, classifiable process alarms

Advantages for the System Engineer

- Available for the basic software and hardware components of different manufacturers (ABB, Rockwell, Siemens)

- Redundant client-server structure at the control level

- Programmable logic control with well-established field bus technology

- Standard interfaces (DDE, OPC, OLE, ODBC etc.)

- Ready-made program software modules for the sub-control systems used

- Selectable user authorisation and logging of all activities

Advantages for the Plant Management

- Direct access to current and historical process information

- Data export to Office programs

- Factory automation from a single source

Curious to find out more?

engineering.tomorrow. together.