OPC-UA-TECHNOLOGY

Transmission of online and offline data by OPC-UA (Unified Architecture)

APPLICATIONS

- Data links between controls and control systems (various industries), e.g. wastewater treatment plants, pumping stations, elevated tanks, water purification plants, etc.

PRODUCT DESCRIPTION

Based on the established OPC-Classic standard, OPC unified architecture was extended by the OPC Foundation with many additional useful functions. These include, among other things:

- buffering data, which can be transmitted following a connection failure
- the new security model, with which an encrypted connection can be set up
- historical access, enables working with historical data directly within the control system

TECHNOLOGY

- Online value transmission
- Data buffering
- Manufacturer-independent
- Security model
- Historical access

ADVANTAGES +

- Cross-firewall communication
- Operating system-independent
- No data loss
- Data security
- OPC Foundation standard
- Easy configuration
- Preferred data communication protocol for industrial 4.0 applications