

OPC-UA-TECHNOLOGY

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

AREAS OF USE | APPLICATIONS

- Data links between controls and control systems (of any industries), e.g. wastewater treatment plants, pumping stations, raised tanks, waterworks, 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 values, which can be submitted later following a connection failure,
- the new security model, with which an encrypted connection can be set up and
- historical access, which enables working with historical values directly at the control.

TECHNOLOGY

- Online value transmission
- Value 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

