



# UDIS-SNMP

## Combination of automation and information systems

### AREAS OF USE | APPLICATIONS

- Continuous monitoring and data connection of network components
- Transfer of current values to the control system and configuration of devices
- Available from winter 2018

### PRODUCT DESCRIPTION

The network management protocol (SNMP) facilitates smooth communication between network participants. This protocol is a widely used industry standard and is regarded as future-proof. UDIS uses SNMP to provide data to the control system and to automation processes. This means that network components can be managed, monitored and logged centrally. In the event of an error, the control system can thereby generate alarms for all available devices.

### FEATURES

Software environment:

- SNMP: system-independent
  - UDIS: Windows-based application
  - Optimisation for SCADA control system
- relevant network components:
- UPS (e.g., state of charge, remaining runtime)
  - Server (e.g., working order, capacity utilisation, ...)
  - Router/switch (e.g., network monitoring)

### ADVANTAGES

- Monitoring of network components
- Central access to the current status of network components and generation of error alarms by the control system
- Quick detection and elimination of errors
- SNMP protocols are supported by many network-compatible elements (standardised protocol)

