

- Control function for telecontrol systems
- Signal inputs via WAGO I/O modules
- 4G/LTE, Ethernet
- Programmable application-oriented calculation functions
- Adjustable cycles for measurement and transmission
- Alarm and trigger functions
- Built-in readings memory, extendable by SD card
- Continuous data availability
- Real time can be synchronised via server
- Minimum data transmission volumes
- Maintenance-free

NivuLink Control

NivuLink Control

Reliable and safe Telecontrol including PLC-Function for Measurement and Control Tasks

NivuLink Control provides a compact PLC control system featuring versatile communication options. The variety of interfaces permits communication with adjacent machines or control units and devices. Both digital and analog outputs as well as bus technology can be used to control actuators.

The device can be programmed with a local program sequence to execute complex calculation and control tasks.

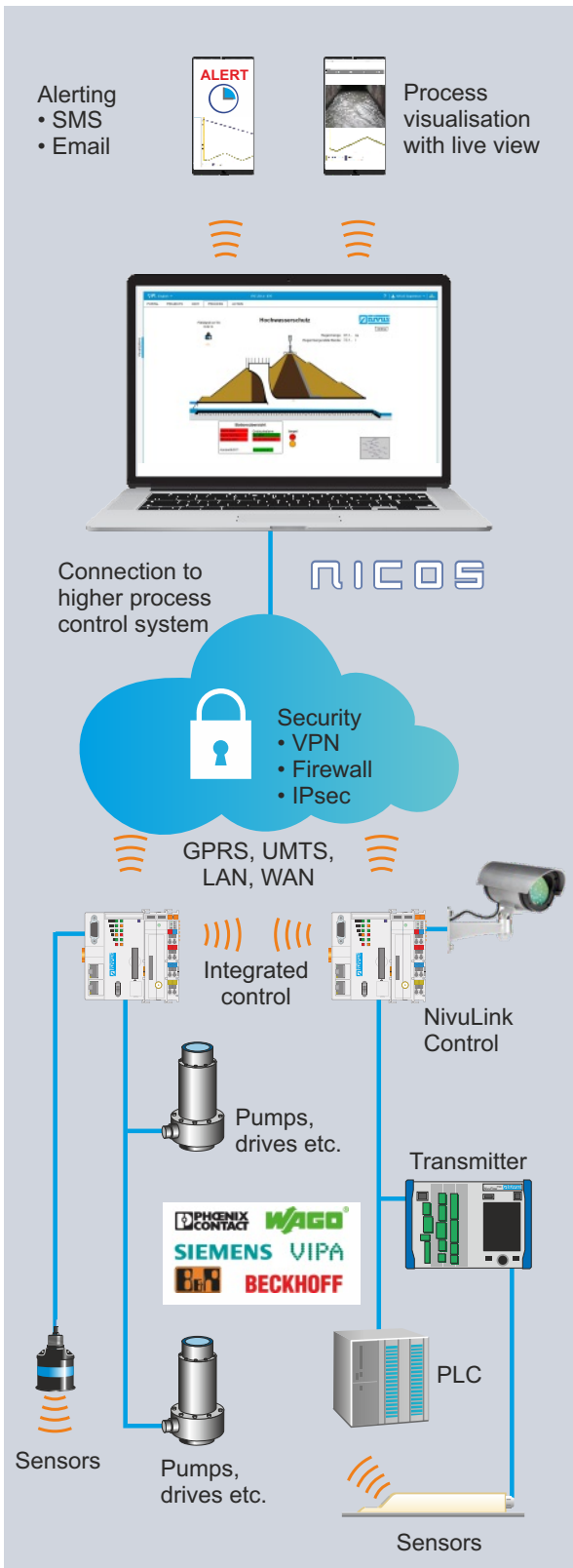
In addition to network and fieldbus interfaces, digital and analog terminal clamps as well as WAGO series 750/753 special clamps are supported. Depending on the version data transmission is carried

out via mobile phone network and/or Ethernet interface.

Both ETHERNET interfaces and the integrated switch enable line topology wiring. An integrated web server provides the user with configuration options and status information on the NivuLinkControl.

Integrated security services such as OVPN / IPsec / TLS ensure Internet security. Applying programming software such as e!Cockpit allows for remote diagnostics.

measure analyse optimise



Applications

Typical applications apart from process industry and facility automation can be found in the water industry sector.

- Stormwater treatment plants
- Channel networks
- Pump stations
- Groundwater measurement sites
- Flood level
- Silo filling
- Weir measurements
- and many more

Programmable acc. to IEC 61131-3

- Direct connection of WAGO-I/O terminals
- 2 x ETHERNET (configurable), RS-232/485
- Linux OS with RT-Preemption-Patch
- Configuration using e!COCKPIT or web-based management surface

Specifications

NivuLink Control	
No. of bus terminals	64 (per node), 250 with bus extension
Input and output process image terminal bus / MODBUS	max. 1000 words;
I/O Interfaces (serial)	1 x serial interface according to TIA/EIA 232 and TIA/EIA 485 (switchable), 9-pole Sub-D socket
Diagnostics LEDs	Power; SYS; RUN; FIELD BUS (MS, NS); OVPN Status (U7); terminal bus; mobile network service; field strength
Communication	4G/LTE Ethernet
Communication types	LAN, GPRS connection to Internet
Power supply	DC 24 V (-25 % ... +30 %)
Input current max. (24 V)	550 mA
Potential separation	500 V system/supply
Memory Configuration e!RUNTIME	
Program/Data memory	80 Mbyte (dynamically distributed)
Remanent memory (Retain)	128 kbyte