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- Independent processing of process data
- Data transmission via GPRS/UMTS or LAN
- Configuration using NICOS 2.0 web portal
- Extremely compact for DIN rail mounting
- Integrated SIM slot
- Individual measurement and transmission cycles
- Integrated measurement data memory
- Alarm and trigger functions



NivuLink

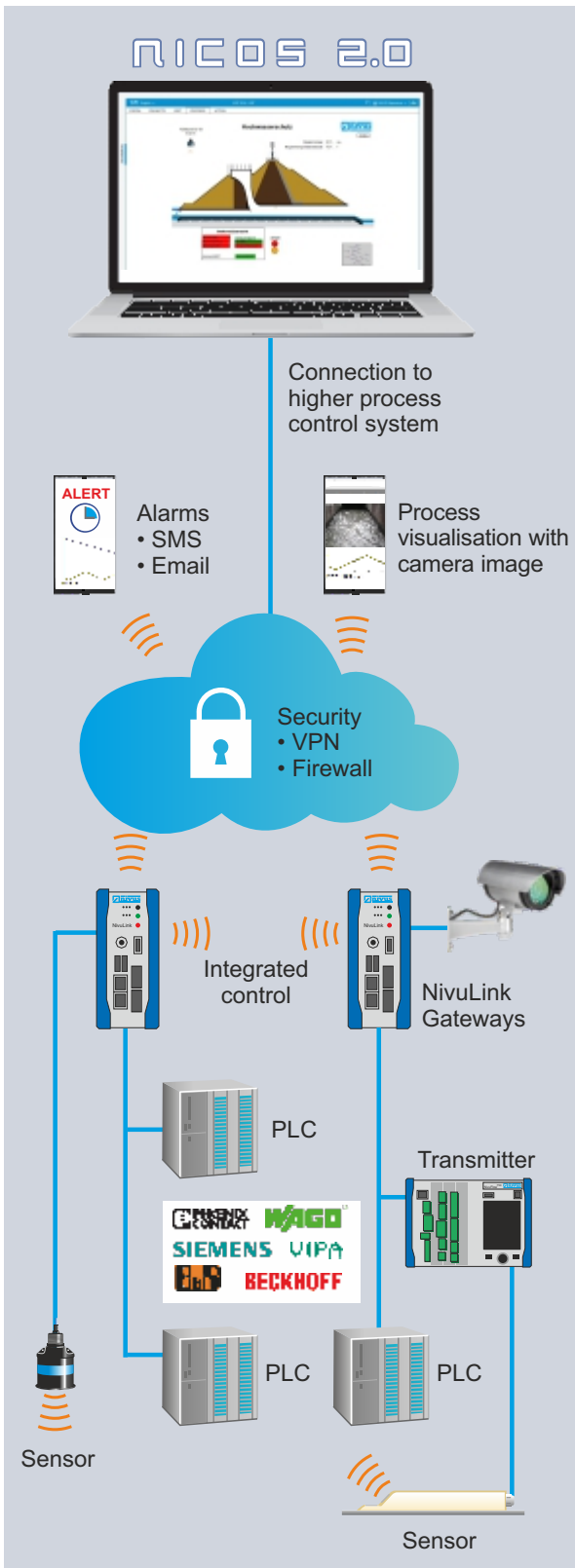
NivuLink

The NivuLink units are gateways for decentralised networks to directly connect to PLC, I/Os or to a NICOS SCADA and telecontrol system.

The individual connecting options enable the easy integration into existing infrastructures.

NivuLink provides a reliable wireless or wired transmission of process data by using a standardised TCP/IP protocol. The gateway operates as a telecontrol substation and both features data logger functions as well as independent processing of process data. Automatically saved process data are forwarded to higher processes and systems as required. The process data can be processed directly and control processes within

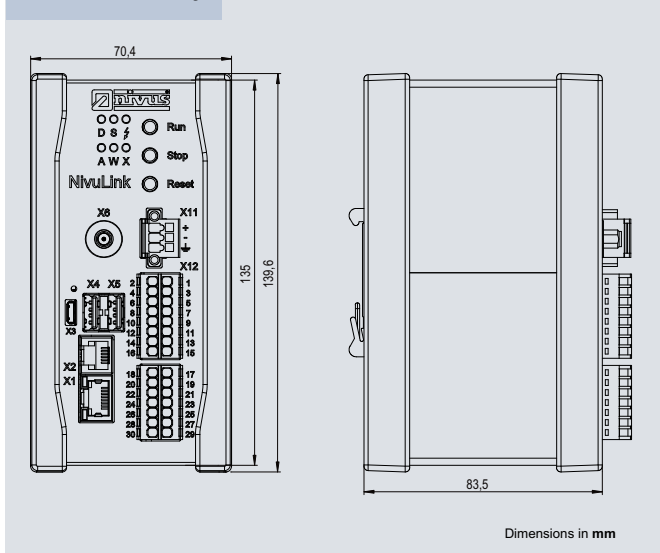
subsystems can be launched. Measurement cycles and transmission intervals can be determined individually. Due to the compact construction, NivuLink is optimised for DIN rail installation particularly in control cabinets. The wireless transmission of data is carried out via GPRS/UMTS.



NivuLink

Archive	
Delta-Event	+
Event-based archiving	+
Touch panel visualisation	+
WEB server	+
OnBoard I/O 4AI/12DI/2AO/4DO	+
Telecontrol	
Telecontrol and integrated control	+
Communication Center	
GPRS modem, LAN/WLAN	+
Storage Medium	
USB	+
Communication External Peripherals	
External I/O	+
PLC	
Siemens, WAGO, Phoenix, ...	+
OPC Communication	
Multiple simultaneous communications	+
Process status monitoring	+
Consistent connection to NIVOS 2.0	+

NivuLink Gateway



Specifications

NivuLink Gateway	
Power supply	24 V DC
Enclosure	Aluminium
Weight	600 g
Operating temperature	-20°C to +60°C
Storage temperature	-20°C to +80°C
Max. humidity	80%, non-condensing
Internal I/O	4AI/12DI/2AO/4DO + Ethernet
Data transmission	GPRS/UMTS
Protocol	TCP/IP
I/O extension	using additional Ethernet coupler