



Winning Solutions...

BluBoxx Communication Pvt. Ltd





BluBoxx Communication Pvt. Ltd. as a solution provider for all your automation needs. BluBoxx offers a wide range of hardware and software solutions for Industrial Automation & Building Automation. Our innovative product lines and professional approach guarantee the most elegant solutions to all your process challenges.

BluBoxx delivers energy-saving, easy-to-install and high-performance professional networking products and solutions divided into the following categories.

- ❑ Ethernet Switches
- ❑ Media Conversion
- ❑ I-IOT-Solutions
- ❑ Profibus Products & Services
- ❑ Protocol Converters
- ❑ Data Loggers
- ❑ Remote Maintenance

Industrial Ethernet Switches



Compact Un-Managed Ethernet Switch



8+2 Un-Managed Ethernet Switch



L-2 4+2 Managed Ethernet Switch



Full Gigabit Managed Ethernet Switch



Power Over Ethernet Switch



IP67 Rated Ethernet Switch



24-Port with 4-Port SFP Managed Switch



Layer 2 Managed Switch

Media Converters



Ethernet Media Converter



Video over Fiber Media Converter



4 Ethernet Switch with Fiber Port



Serial to Fiber Converter



Media Converter Chassis

Serial Servers



1-port RS-232/485/422 to Ethernet Converter



2-port RS-232/485/422 to Ethernet



2-Port CAN bus to Ethernet



4-Port RS-485/422 to Ethernet Modbus Gateway



8 Port 232/485/422 to Ethernet



16 Port 232/485/422 to Ethernet

Protocol Converters



Protocol	CAN Open	CC Link	Ethernet CAT	Ethernet IP	Modbus RTU	Modbus TCP	Profibus	Profinet
CAN open	✓	✓	✓	✓	✓	✓	✓	✓
DeviceNet	✓	✓	✓	✓	✓	✓	✓	✓
Ethernet IP	✓	✓	✓	✓	✓	✓	✓	✓
Modbus RTU	✓	✓	✓	✓	✓	✓	✓	✓
Modbus TCP	✓	✓	✓	✓	✓	✓	✓	✓
Profibus	✓	✓	✓	✓	✓	✓	✓	✓
Profinet	✓	✓	✓	✓	✓	✓	✓	✓



Profibus Products



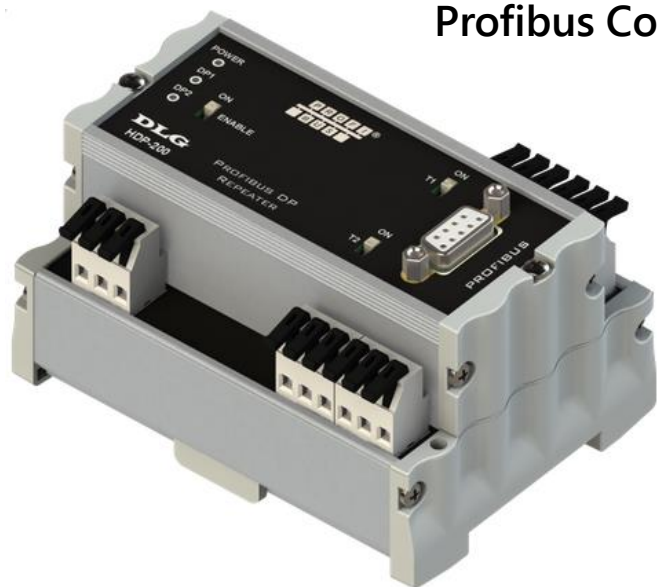
Profibus Connectors



Profibus DP Cable



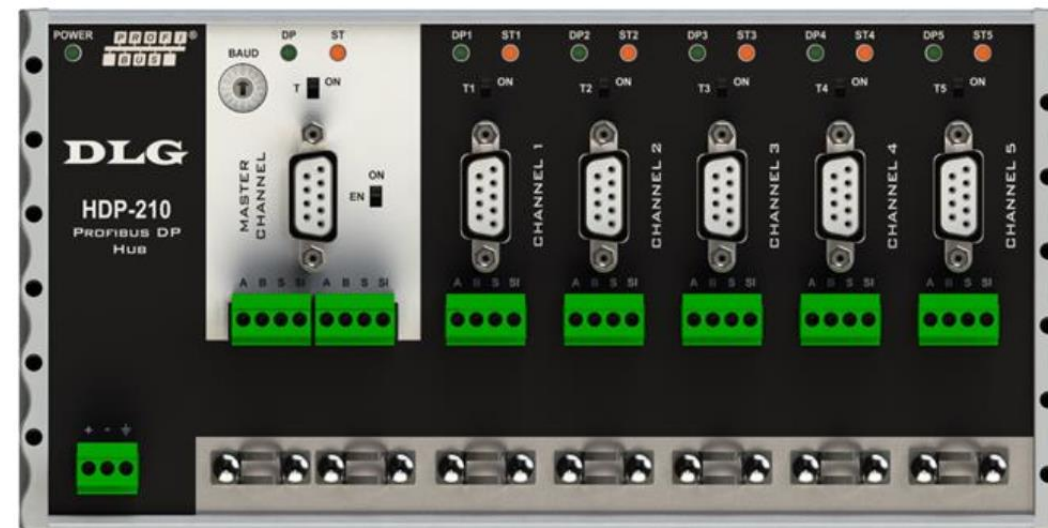
Profibus Cable Stripper



Profibus Repeater



Profibus Terminator



Profibus HUB

Profibus Tester 5



The **PROFIBUS Tester 5** BC-700-PB is a powerful diagnostic and troubleshooting tool for testing the cables, measuring the signals and analysing the communication of PROFIBUS networks.

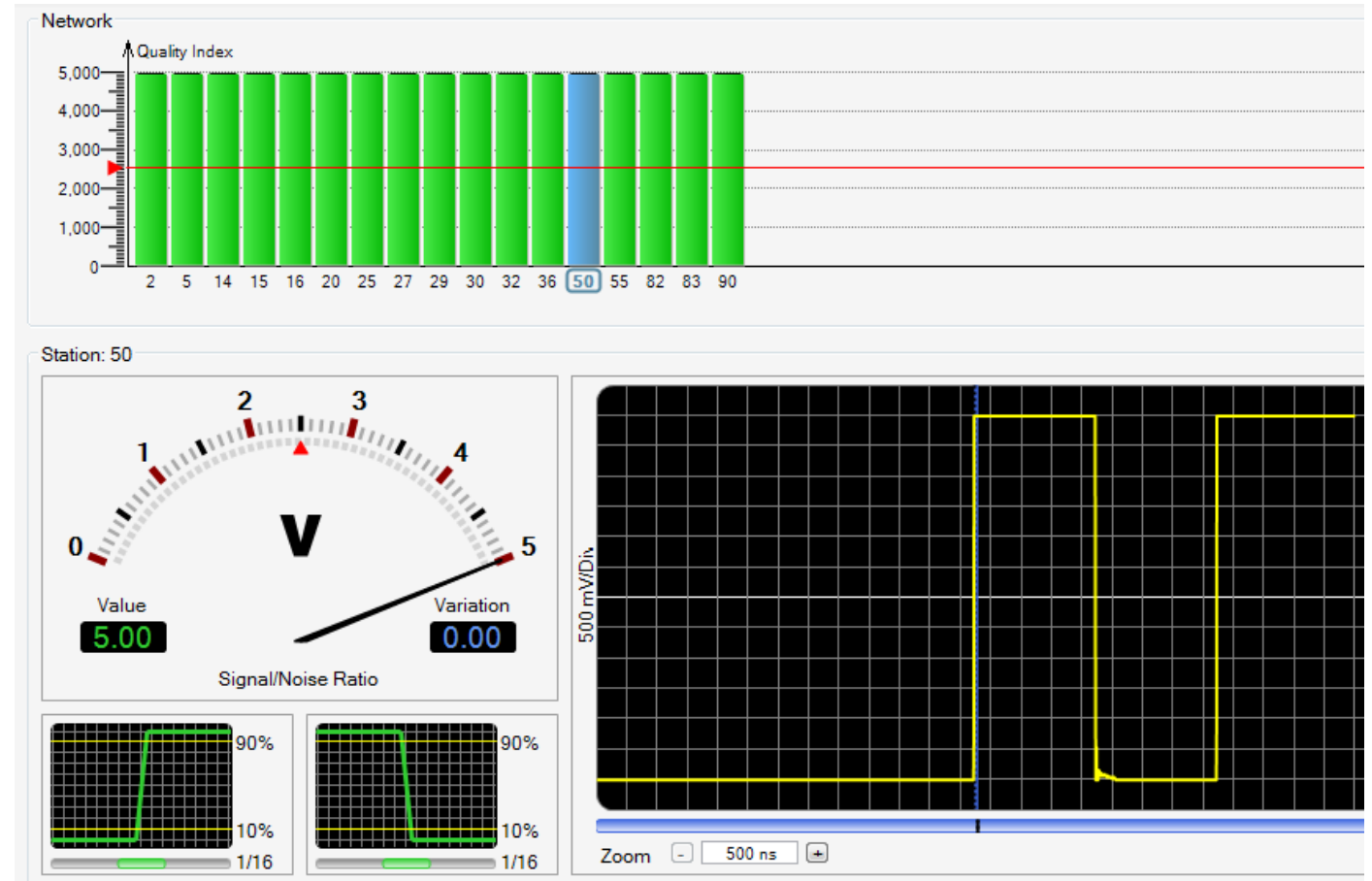
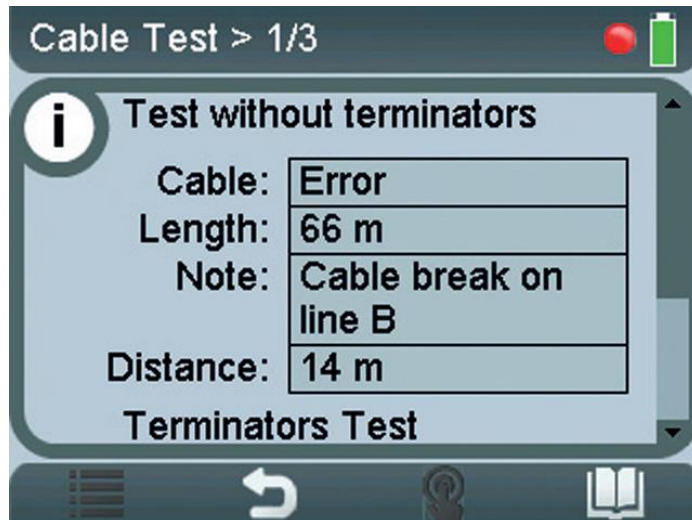
- ❑ Combination of signal tester, storage oscilloscope, protocol analyzer, master simulator and cable tester functionality in a single diagnostics tool
- ❑ Testing existing cable installations
- ❑ Evaluating electrical signals
- ❑ Analyzing the data communication
- ❑ Battery-powered
- ❑ Graphical display
- ❑ Laptop/ Notebook not needed
- ❑ Internal Memory Storage



Profibus Tester 5



The tester is battery-powered with a graphical display used to quickly display the test results while working on the shop floor. Test results are stored within the PROFIBUS Tester 5 and can be exported for advanced analysis.

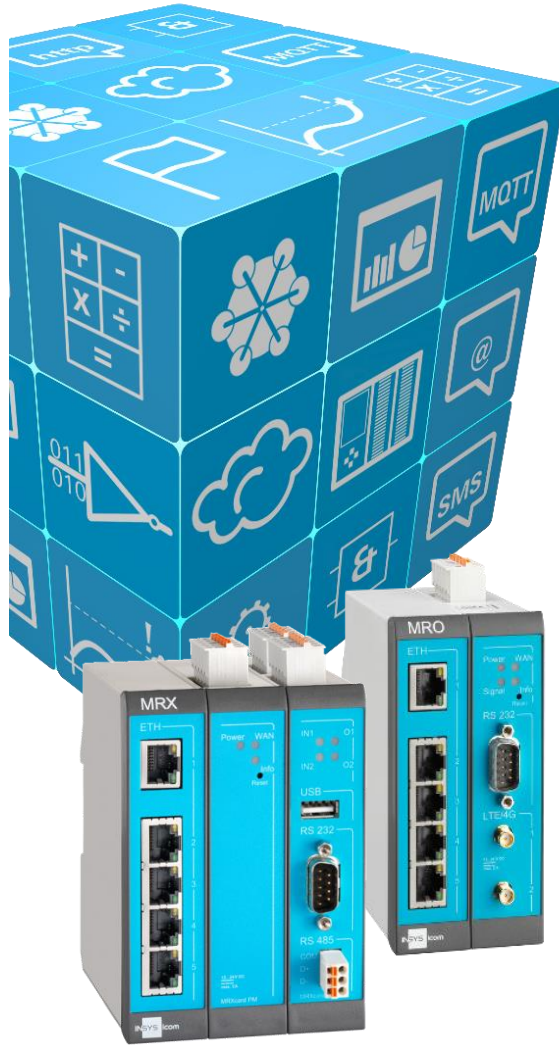


In case of a fault an error description and, if possible, the distance from the test location are displayed as part of the cable test.

I-IOT Products



Industrial Routers (Smart Devices)



MRX Series

- Fully-Modular Industrial Routers
- Industrial multi-protocol environment (e.g. Modbus, Siemens S7) for connecting and processing application data
- Visualisation of current values via integrated dashboard
- Plug & play integration of the cloud services Cumulocity and Telekom Cloud of Things
- Easy connection to further cloud services via MQTT
- Messages via SMS, e-mail, MQTT
- Integrated administration interface with user and role management
- Functional enhancements in running operation possible
- Scalable: Number of data points can be extended flexible

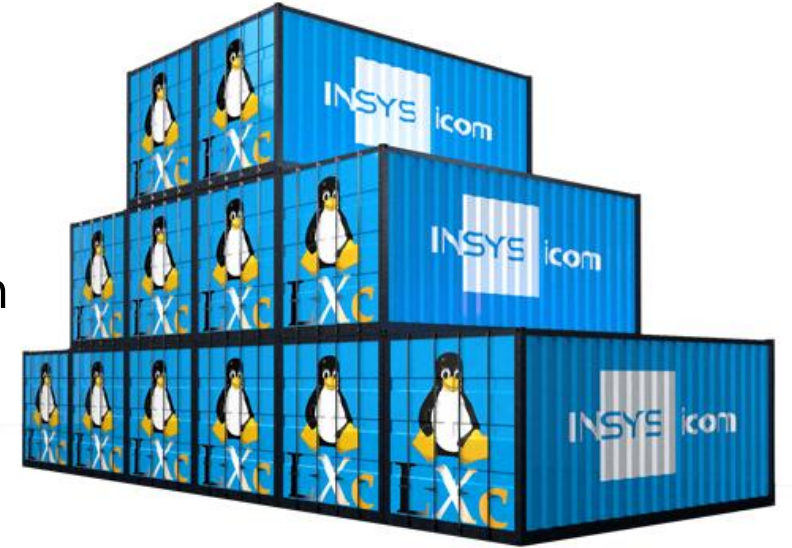
I-IOT Products



Linux Environments (Edge Computing)

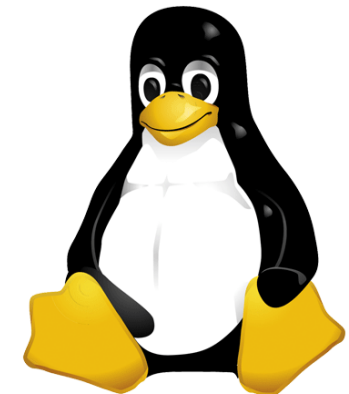
icom SmartBox

- ❑ Latest LXC container technology
- ❑ Parallel operation of several apps on one router
- ❑ Completely independent of router firmware and configuration
- ❑ Own IP and MAC address per Linux Container
- ❑ Direct communication between the containers (e.g. via APIs)
- ❑ Encryption possible (e.g. know-how protection)



INSYS Sandbox

- ❑ Freely programmable
- ❑ No effect on functionality and security of the industrial router
- ❑ Up to 64 MB RAM, 150 MB permanent file system



I-IOT Products

Industrial Routers (Smart Devices)



EBW Series

- Basic industrial routers for standard applications
LAN – WLAN – HSPA – LTE



IMON Series

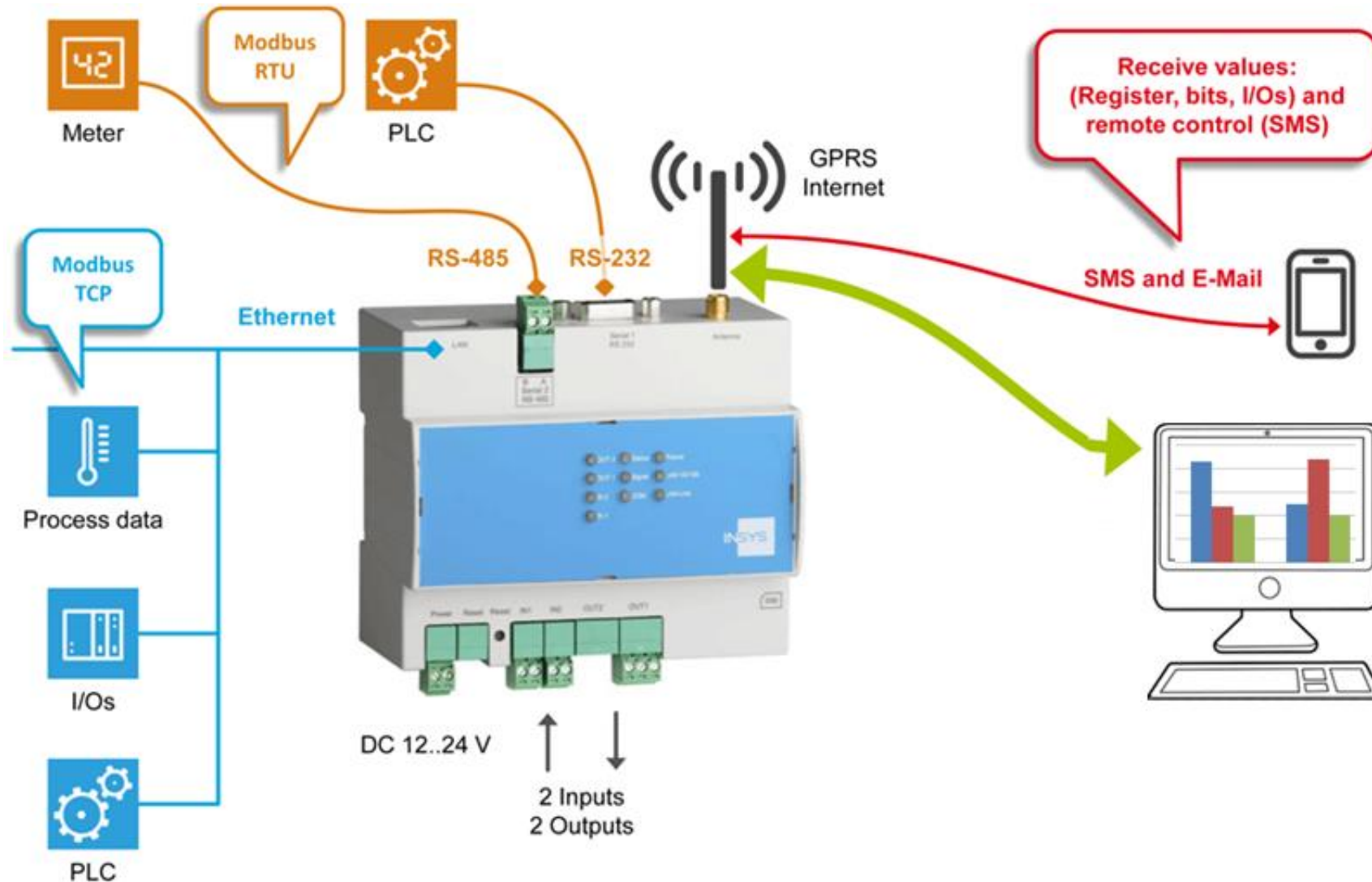
- GPRS router with integrated Monitoring App
- LAN interface, RS232, RS485, RJ45, Digital IO's
- Integrated programming environment
- Message dispatch incl. variables via SMS and e-mail



I-IOT Products



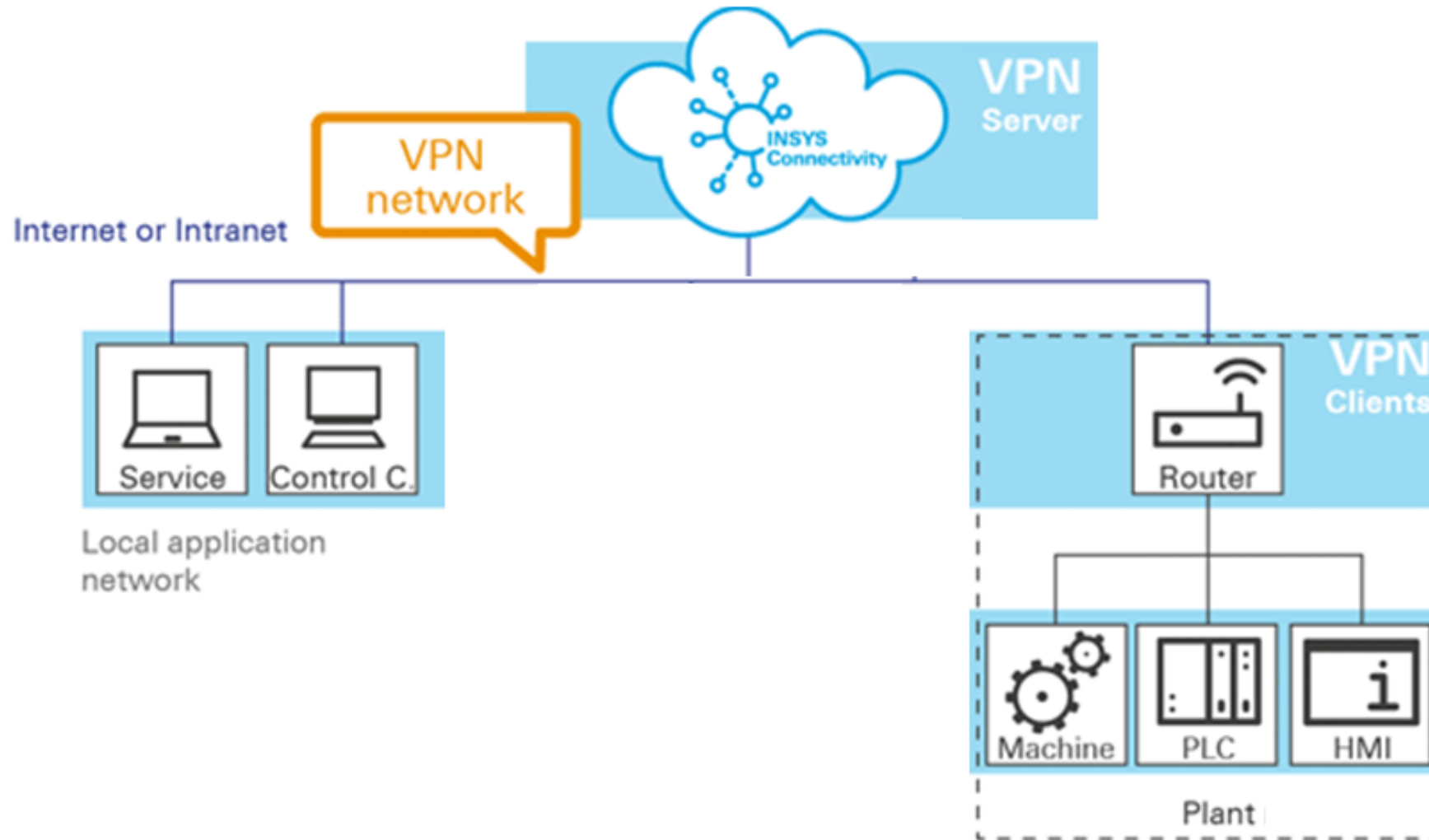
Industrial Routers (Remote Monitoring)



I-IOT Products



Industrial Routers (Remote Maintenance)

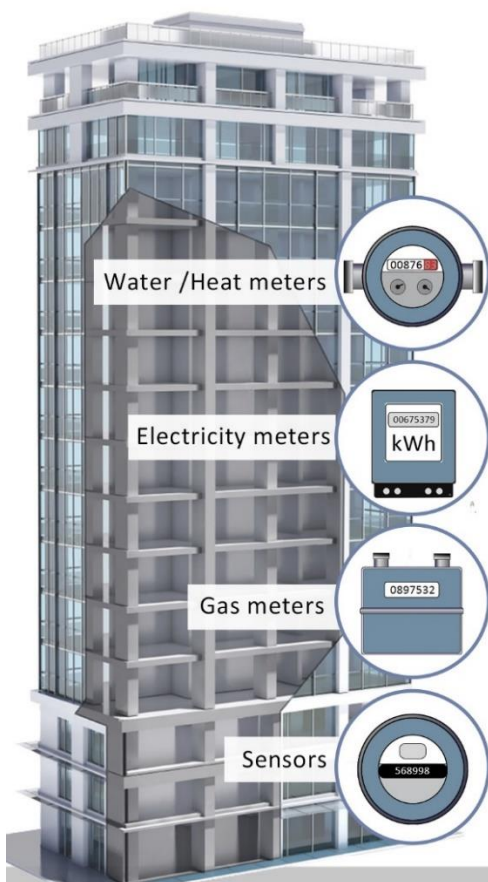


Data Logger

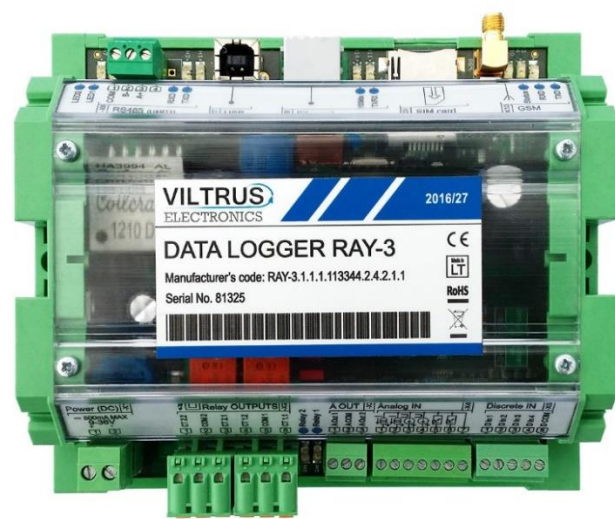
M-Bus/Modbus 3G Data Logger with Analog & Digital I/O



SMART METERING AND CONTROL
COMMERCIAL, RESIDENTIAL, INDUSTRIAL MONITORING



- Modbus
- M-Bus
- RS485
- RS232
- 4 x Discrete IN
- 2 x Discrete OUT
- 6 x Analog IN
- 2 x Analog OUT



- Ethernet
- 3G/GPRS
- RS485
- RS232
- USB



SMART METERING

Gas, Water, Heat, Electricity metering
Sensors monitoring
Renewable energy monitoring

RAY-3 DATA LOGGER/GATEWAY

Independent data log with real time stamp
SMS sending for alarm events
Supports up to 8 GB micro SD card

COMMUNICATION AND UPDATES

- Remote via 3G or Ethernet
- Local via RS232, RS485 or USB

Thank you



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