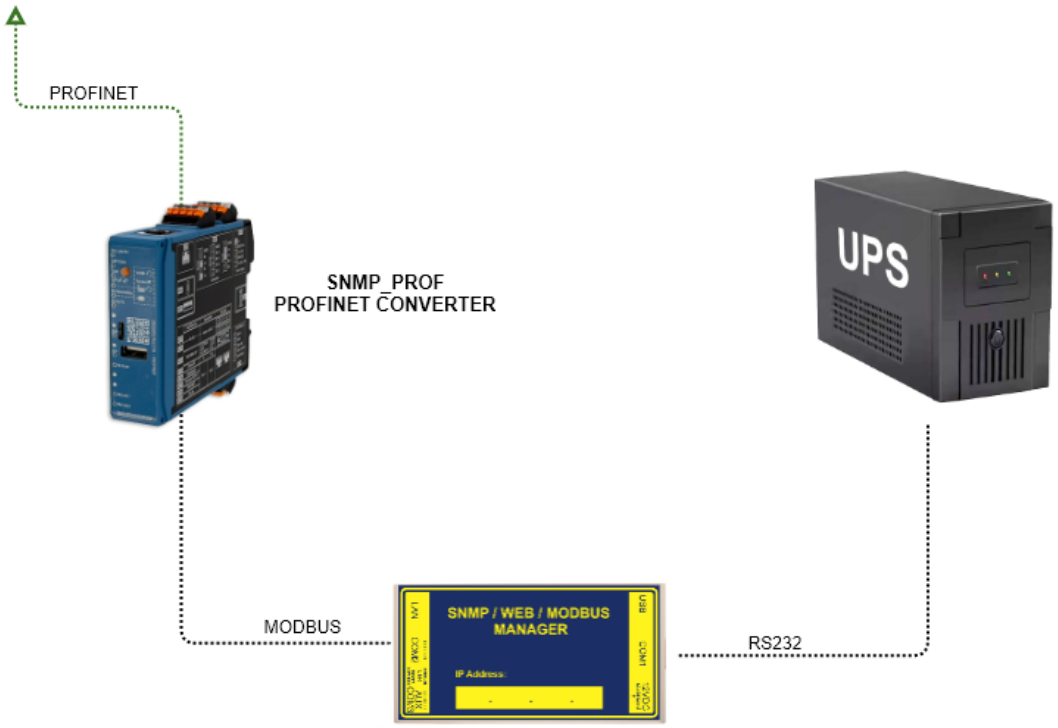

The SNMP_PROF **PROFINET converter** is a versatile and powerful device specifically designed for the seamless integration of Modbus-based devices into PROFINET networks.

Main functions

- **Real-time data conversion:** The core of the converter is its ability to query data from the **CS141 (via Modbus)** in real time and instantly convert it into the **PROFINET protocol** . This ensures up-to-date and accurate data communication between the systems.
- **Flexible Modbus integration:** Thanks to pre-integrated protocols, the SNMP_PROF can act as a **Modbus master** to query data from Modbus slaves, as well as a **Modbus slave** to receive data from a Modbus master. This offers maximum flexibility when connecting different Modbus devices.
- **User-friendly web interface:** Device configuration is significantly simplified by an intuitive **web interface** . This interface allows all relevant parameters to be set quickly and easily, making commissioning and maintenance efficient.

Advantages

- **Seamless system integration:** Enables easy connection of existing Modbus devices to modern PROFINET control environments without the need for complex hardware or software adaptations.
- **Time-saving configuration:** The user-friendly web interface significantly reduces the time required for setup and configuration.
- **Real-time performance:** Real-time conversion guarantees secure and fast data transmission, which is essential for critical industrial applications.
- **High flexibility:** The dual-role capability as Modbus master or slave offers maximum adaptability to different network architectures and use cases.

The SNMP_PROF PROFINET Converter is therefore an ideal solution for companies that want to modernize their existing Modbus systems and integrate them into a PROFINET infrastructure in order to benefit from the advantages of more efficient and networked production.

Technical data

PROFINET - Conformance Class	B (Real-time, use in an IRT network possible)
Input/output data	1024 bytes input and 1024 bytes output data
Data exchange	Cyclic / Acyclic
LAN	100 Mbps
Server options	FTP server Web server
Configuration of Profinet	GDSML file
Redundancy option	S2 system redundancy
Contacts	2x RJ45 connector (integrated 2-port switch), electrically isolated 1x RJ45 connection, electrically isolated
Interfaces	RS232/RS422/RS485 on board
Maximum transfer rate	6 MBaud
Implemented protocols	
slave	Modbus RTU slave Modbus RTU Master
master	Modbus RTU Master Modbus RTU Master
configuration	Configuration via web interface
Execution	DIN rail (EN 50022)
Dimensions (WxDxH in mm)	25 x 95 x 95 (incl. connection plug
Weight	Approx. 105 g)
Protection class	IP20
Housing material	polyamide
Power supply	10 to 33 Volt DC reverse polarity protection , short circuit protection and overload protection integrated
Operating temperature	-25°C (non-condensing) to +70°C
Storage/transport temperature	-40°C ... +100°C
PROFINET	ROFINET device interface, Conformance Class B, Real-Time Communication (RT) Note: Can also be operated in an IRT network.