



Skalar.pro

Monitoring and metering
in the heating sector



GÖRLITZ



Reliable data communication at minimum costs

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READING OF METER DATA

Secure! Flexible! Economical!

Skalar.pro is your platform for IP based reading and transmission of meter data provided by electricity, heat, gas, or water meters.

- Secure communication thanks to VPN technology (OpenVPN/IPsec)
- Use 'push' operation to send data independently and at low costs
- Quick and easy configuration via web-based interface
- Data exchange via LTE, UMTS and GPRS (4G/3G/2G)



RECORDING OF GRID INFORMATION

Energy monitoring with pro.online

- Reading of consumption data – eg flow and return temperatures, volume flow or mass flux – in any intervals and provision of data
- Transmission of data as file (LPEX2/3, MPX, CSV) via FTP/FTPS or email
- Analysis – where and when is energy consumed and how much.
Permanent control of connected consumers improves transparency
- Optimization of energy consumption by identification and elimination of inefficiencies



ALARMS IN CASE OF IRREGULARITIES

Evaluation of data with pro.monitor

- Evaluation of vitally important values – flow and return temperatures, volume flows, etc
- Detection and localization of irregular grid details with corresponding alert
- Indication of inefficient user behaviour and outdated technology
- Localization of malfunctions and disturbances eg leakage
- Targets:
 - > Reducing grid loss
 - > Minimizing power consumed by the pump
 - > Increasing the share of climate-friendly heat sources

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