



STEAG Technischer Service GmbH

Service provider for data and systems technology

STEAG Technischer Service is an expert in communication between energy generating facilities, grids and the associated instrumentation and control (I&C) and energy data management systems. In performing services for our clients, we can draw on decades of experience from servicing STEAG's own power plants and grids. The experts from STEAG Technischer Service plan, develop and safeguard the operational capability of the I&C and management systems that are used to ensure the optimum dispatch of power plants, renewables-based facilities and grids and networks for electricity, gas and district heating. Of course, our services also cover the communication networks required in this context.

Our services include, for instance:

- Administration of the overall system, including operating systems, firewalls, routers, switches, network and database systems and the relevant communication interfaces
- Administration, further development and safeguarding of the operational capability of the used communication assets (SDH, PDH and MPLS) and the telecommunication services
- Planning and operation of telecontrol systems used for grid control
- Installation and maintenance of metering systems

STEAG Technischer Service GmbH
Oliver Schmauck
Head of Data and Systems Technology
Trierer Strasse 4
66111 Saarbruecken
Germany
Telefon: +49 681 9494-2744
E-Mail: oliver.schmauck@steag.com



Services for data and systems technology

Our range of services in detail

Telecommunications networks on the basis of fiber-optic technology and copper cable technology

- Planning, installation and maintenance
- Fault detection and quality measurements
- Fault clearance services (including 24/7 service)
- Handling of building inquiries and instruction of third parties

Local area networks (LAN)

- Planning, installation and maintenance
- Fault detection and quality measurements
- Fault clearance services

Energy data management

- Handling of business processes for supplying customers with electricity (in accordance with German GPKE regulations)
- Handling of processes under the German Renewable Energy Act
- Business processes related to the market rules for electricity balancing group billing (MaBis processes)
- Remote meter reading and transmission of readings
- Operation of measuring points and other services relating to measuring points

Telecontrol systems

- Planning, installation, monitoring and maintenance of telecontrol systems for switchgear and secondary substations
- Shutdown management under the German Renewable Energy Act
- Monitoring of PV installations and wind turbines
- Fault clearance services

Instrumentation and control

- Grid control of HV, MV and LV grids
- Permanently (24/7) staffed control room (QM and TSM certified)

STEAG Technischer Service – Your expert Service provider for data and systems technology.