



# iQdata – the intelligent data centre

iQdata – your complete solution for data centre infrastructure. Rack, cooling, power, monitoring, security and services, all from a single source – holistic, efficient and future-proof



# SCHÄFER IT-Systems – the specialist for IT infrastructures

SCHÄFER IT-Systems is part of the internationally successful SCHÄFER WERKE Group and an innovative manufacturer of customised network and server cabinet solutions as well as data centre solutions for conventional and complex applications.

At our location in Betzdorf/Sieg, we develop and produce innovative server and network cabinets as well as customised data centre solutions for our customers.

The data centres of the future are what drive us. We are your competent partner for products that reduce costs and save energy. With our IT racks and concepts, we make an

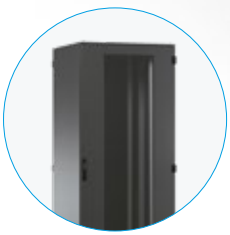
active contribution to energy efficiency and positively influence all important components of the infrastructure of the entire data centre.

As part of the owner-managed SCHÄFER WERKE Group, headquartered in Neunkirchen in the Siegerland region, we are active worldwide with diversified business areas. At our state-of-the-art locations in Germany, the Czech Republic and the USA, over 1,100 employees contribute to the success of the SCHÄFER WERKE Group every day.





# iQdata – customised and integrated system solutions



## Rack

- IS1 network and server racks
- IS1 colocation racks
- IS1 IP54 racks
- Special housing
- Cable management
- Accessories



## Cooling

- InRack DLC
- SideCooler
- BackCooler/IVU
- Slot-InCooler
- WallCooler
- Enclosure
- Fan
- Water chillers incl. free cooler



## Power

- Smart Rack PDUs
- Basic Rack PDUs
- Customised PDUs



### Monitoring

- Data Centre Energy Management (DCEM)
- Rack monitoring systems
- Environmental sensors



### Security

- Door locking systems
- Access control



### Service

- Planning support
- Energy efficiency analyses
- Maintenance/spare parts
- Commissioning and factory acceptance tests
- Assemblies
- Cleaning

# All from a single source



## 1. Rack



Our rack solutions offer more than just enclosures – they offer adaptability, accessibility and future-proofing. The extensive product range fulfils almost every requirement for modern IT infrastructures.

### Advantages for you at a glance:

- Wide selection of standard and special racks for a wide range of applications
- Wide range of accessories for customised configurations
- Flexible interior fittings for optimum space utilisation
- Accessible all round: removable doors and side panels
- Stationary or mobile use – as required
- High modularity for easy expansion and integration

**Standard or customised – what does your server rack need to do?**



## 2. Cooling



Cooling often accounts for more than a third of energy consumption in the data centre. Our solutions offer more than just temperature control – they offer efficiency, flexibility and future-proofing.

### Advantages for you at a glance:

- Maximum energy efficiency thanks to precisely harmonised cooling technologies
- Diverse selection: side, back or InRack coolers and enclosures for cold and hot aisles
- Modular architecture for customisation and easy scalability
- Systems developed in-house – for maximum performance and perfect integration
- Sustainable cost reduction through optimised operation and maintenance
- Reliable cooling without compromising on availability

**Optimised cooling – how much would you like to save?**



## 3. Power



A modern PDU infrastructure is the key to reliability and efficiency. Our solutions offer more than just electricity – they offer control, security and sustainability.

### Advantages for you at a glance:

- High availability through intelligent power distribution
- Flexible selection: basic, smart or individually configured PDUs
- Can be cascaded – for easy expansion and greater efficiency
- Permanent residual current monitoring reduces manual testing
- Cost savings through optimised maintenance and operation
- Maximum security without compromising on availability

**Always available – how secure should your power supply be?**

## 4. Monitoring



Maximum availability starts with seamless monitoring. The solutions from SCHÄFER IT-Systems make monitoring easier and more efficient.

### Advantages for you at a glance:

- Ambient conditions – temperature and humidity always in view
- Access control – control unit for access at rack and room level
- Energy monitoring – integrated energy management (DCEM) transparent and safe
- Centralised status control – for individual racks or entire server rooms
- Seamless integration into the DCIM system

**Always informed – what do you need to know?**



## 5. Security



Protect your IT infrastructure with intelligent door-locking systems on-site and network security for remote access to your infrastructure devices.

### The security concept at a glance:

- Electronic and mechanical door-locking systems – customisable for rack or room
- Centralised control unit and monitoring – full control over physical access
- Secure remote access to devices – through encrypted communication and access protection
- Logging and alerting – in the event of unauthorised access, locally and remotely, flexible integration

**Security – how sensitive is your system?**



## 6. Service

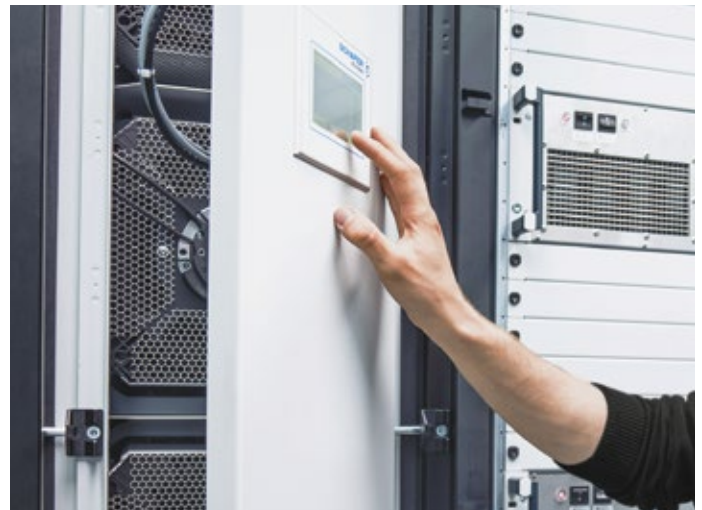


Our service begins with an in-depth analysis and accompanies you far beyond the installation. We offer more than just advice – we deliver solutions that grow with your requirements.

### Advantages for you at a glance:

- On-site advice from experienced experts
- Energy efficiency analysis to identify potential savings
- Commissioning, factory acceptance and installation by our own team
- Modular expansion – flexibly adaptable to changing requirements
- Sustainable support even after project completion
- Everything from a single source – for maximum efficiency and safety

**Requirements – what do you need?**



# Our locations



Head office and plant, Neunkirchen, Germany



Betzdorf plant, Germany



Treuen plant, Germany



OKS Iserlohn plant, Germany



Ledeč nad Sázavou plant, Czech Republic

## Active worldwide with diversified business areas

At our state-of-the-art locations in Germany, the Czech Republic and the USA, over 1,100 employees contribute to the success of the SCHÄFER WERKE Group every day. As a group of companies with over 85 years of experience in steel processing and head-quartered in Neunkirchen in the Siegerland region, we are active worldwide with the diversified business units EMW Steel Service Centre, SCHÄFER Office and Operating Equipment, SCHÄFER Container Systems IBC, SCHÄFER Container Systems KEG, SCHÄFER IT-Systems and SCHÄFER Perforated Metal. Entrepreneurial spirit, market orientation and diversification have been the driving forces of our family business since its foundation. Outstanding product quality incorporating the latest technologies and close cooperation with our business partners are the basis of our success.



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