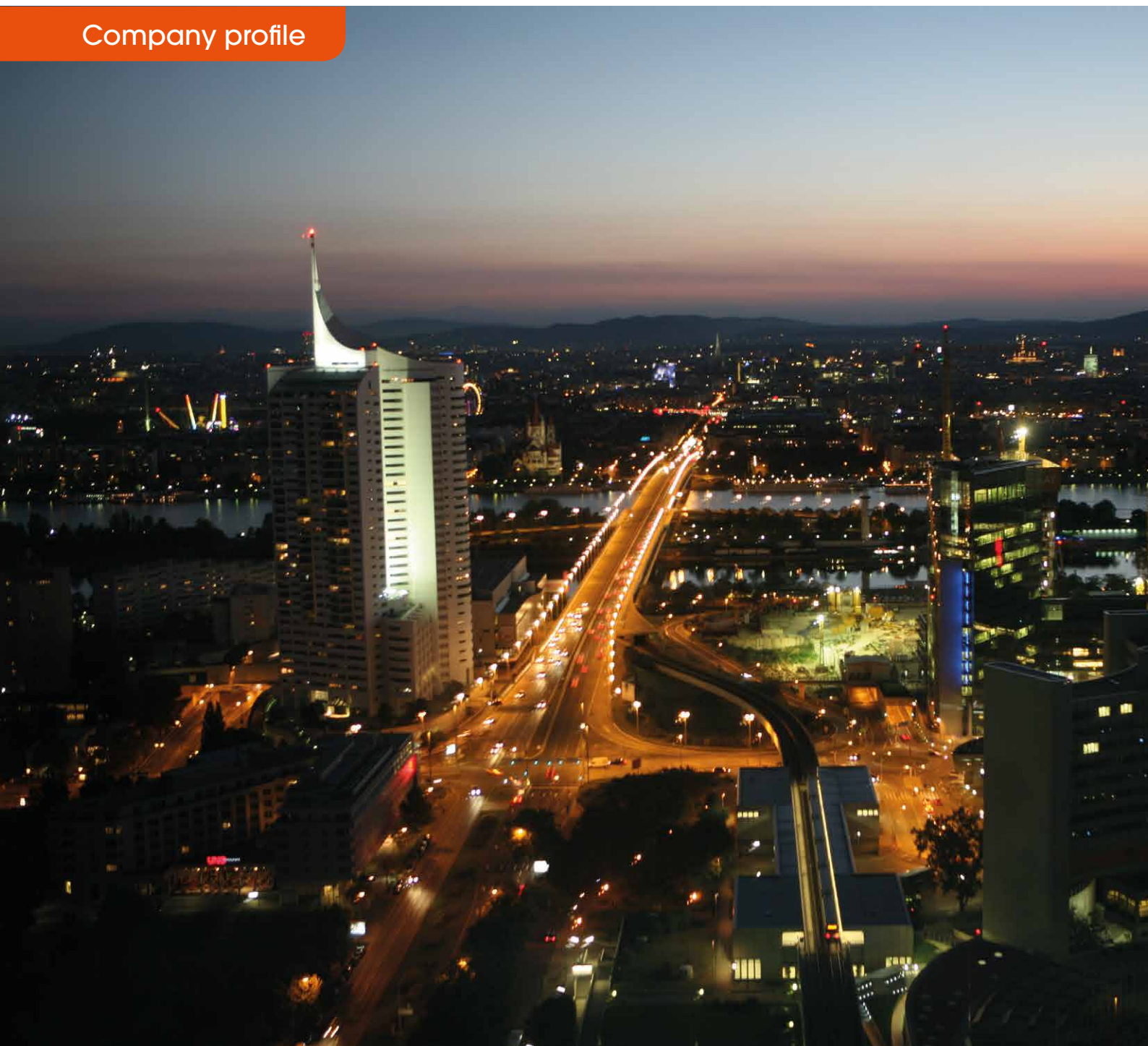


Company profile



**YOUR PARTNER FOR SECURE  
POWER SUPPLY AND DISTRIBUTION**

OHMEGA Energy GmbH



Ensuring the quality of our products and services has the utmost priority for us. **OHMEGA Energy GmbH** is certified to the following standards, making our quality policy transparent to the public:



## MANAGEMENT STATEMENT

At **OHMEGA**, our company is integrally linked with the people behind it. They embody the philosophy and the idea of our company.

We follow the common objective of ensuring that your process-critical applications function at all times reliably and securely – with great passion, precision and competence across all disciplines.

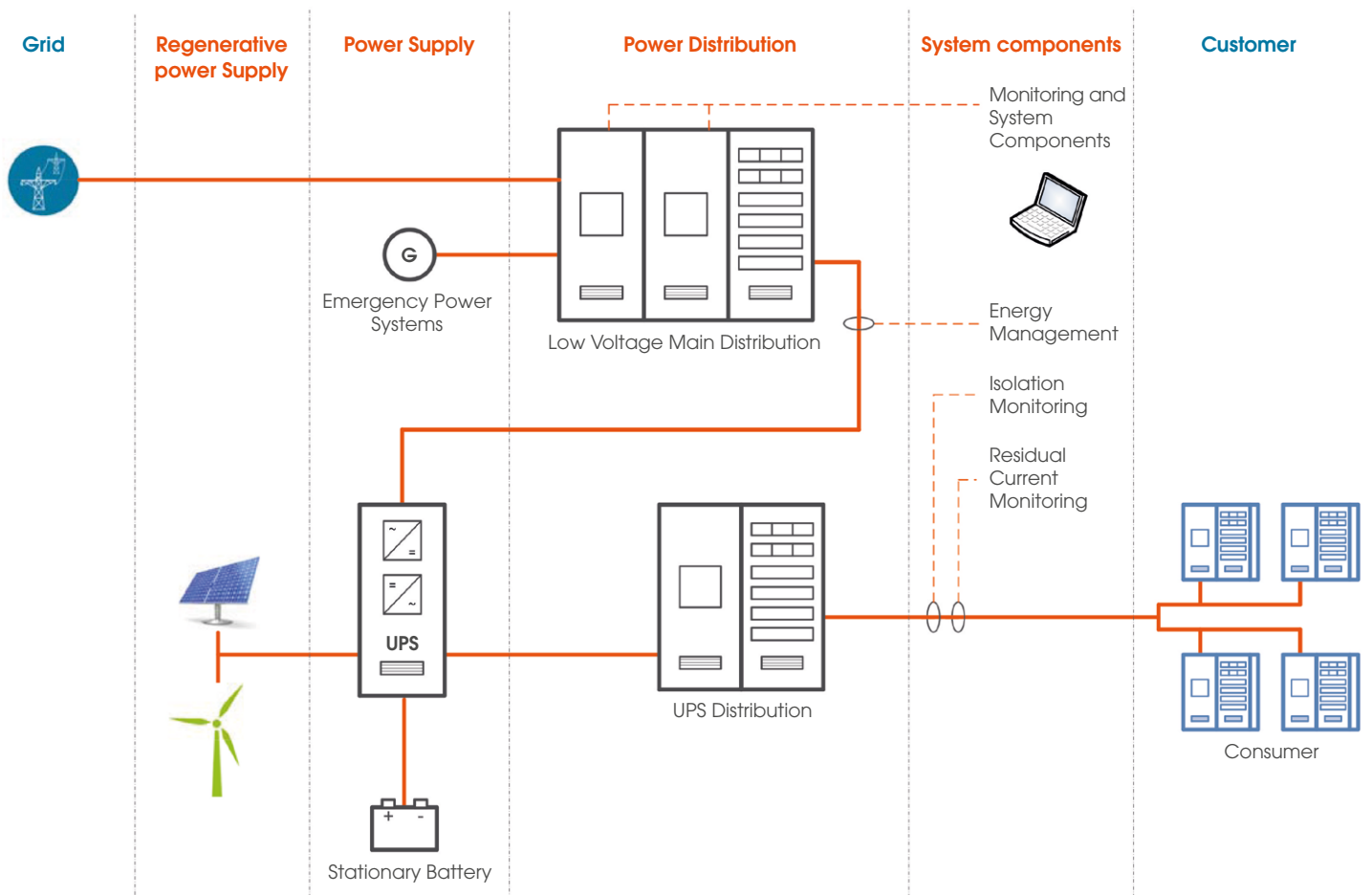
The Ohmega team created the following slogan for the perfect expression of our mission:

**THE CURRENT FLOWS  
WHEREVER WE ARE**





## Customised system solutions ...



## FIND OUT MORE ABOUT OHMEGA

**OHMEGA Energy GmbH** is an Austrian company active in the electrical industry with headquarters in Vienna.

We offer both demand-orientated service packages covering individual trades and complete solutions within our core segments.

### OUR BUSINESS AREAS INCLUDE

- ✚ Secured power supplies
- ✚ Electrical power distribution
- ✚ Monitoring and system components
- ✚ Regenerative power supplies

Security, reliability and customer-orientated flexibility are the principles behind **OHMEGA Energy GmbH**. To achieve this, we subject ourselves to the strictest of quality controls and are only satisfied when we have reached results that are optimal for our customers.

Our topmost priorities are customer satisfaction and the development of long-term solutions for your individual requirements. Our highly trained personnel and their cross-disciplinary knowledge means we deliver the best service.

An Ohmega contact person can accompany you on request for the duration of your project.

### PLANING – INSTALLATION – COMMISSIONING – SERVICING: ALL FROM ONE SOURCE

We offer customised product solutions with services ranging from personal consultancy via individualised detail planning right up to standards-compliant implementation. Our service and support includes preventative maintenance work to ensure your power system service life is prolonged. Preventative servicing measures round off our service spectrum, ensuring that malfunctions are rapidly pinpointed before cost-intensive downtimes occur.

We can proudly look back at a great number of successfully completed projects carried out during the implementation of various plant modernisation measures and in new installations.



Keeping operations running safely – even during grid problems or outages ...



PROJECT DEVELOPMENT

DETAILED PLANNING

## SECURED POWER SUPPLIES

### UNINTERRUPTIBLE POWER SUPPLIES

Our focus is on the highest availability of your process-critical applications. The main objective is protecting your consumers from complete outages as well as increasingly frequent voltage drops.

With our products and systems, we can offer you the installation of redundant, uninterruptible power supplies in combination with diesel aggregates.

Individual planning is the greatest challenge here as the best possible security can only be achieved when all individual trades work together optimally.

We can offer you fail-safe and future-orientated solutions, focused on your specific requirements, based on our cross-disciplinary expertise and perfectly matched products.

### PRODUCTS

- ✚ Emergency power systems
- ✚ Generator turbines
- ✚ Stationary battery installations
- ✚ UPS systems
- ✚ Central power supply systems
- ✚ Rectifier systems
- ✚ Inverter systems
- ✚ DCDC converter systems

### SERVICES

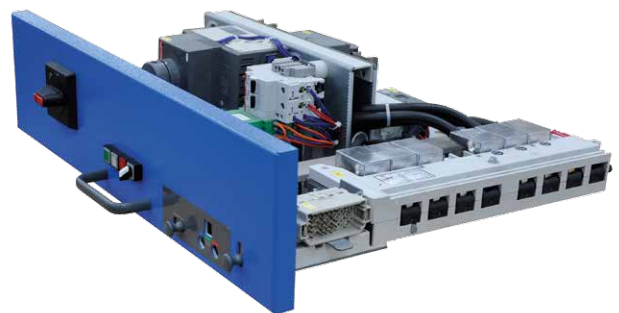
- ✚ Planning, project planning and project management
- ✚ Creation of concepts for system modernisation
- ✚ Installation and servicing works
- ✚ Conversion works while maintaining normal operation
- ✚ System inspections in EX areas as per VEXAT
- ✚ Battery capacity measurements using Torkel
- ✚ Measurement of leakage resistances
- ✚ Maintenance and servicing work

### APPLICATION AREAS

- ✚ Facilities and fields in the medical sector
- ✚ Energy suppliers and infrastructures
- ✚ Computing and data centres
- ✚ Applications in the fields of defence and disaster protection
- ✚ Oil & gas
- ✚ Industry



Modern power distribution – peak availability and security ...



PROJECT DEVELOPMENT

DETAILED PLANNING



## ELECTRICAL POWER DISTRIBUTION

### LOW VOLTAGE SWITCHGEAR INSTALLATIONS

Our low voltage switchgear combinations and their comprehensive extension options represent a modern and future-proof solutions for diverse application areas.

Holistic and forward-looking planning during implementation is decisive for project success. Planning and installation from one source offers a series of advantages during the implementation phase. Overall costs are kept to a minimum because working processes are optimised through the omission of various communication interfaces while the project duration is also reduced.

We possess extensive expertise in the steering and management of complex projects, particularly those involving system modernisation.

### PRODUCTS

- ✚ Type-approved low voltage switchgear combinations
- ✚ Fixed-mounted technology design
- ✚ Withdrawable technology design
- ✚ Plug-in technology design
- ✚ Distributions with insulation monitoring
- ✚ Bus bar distributions

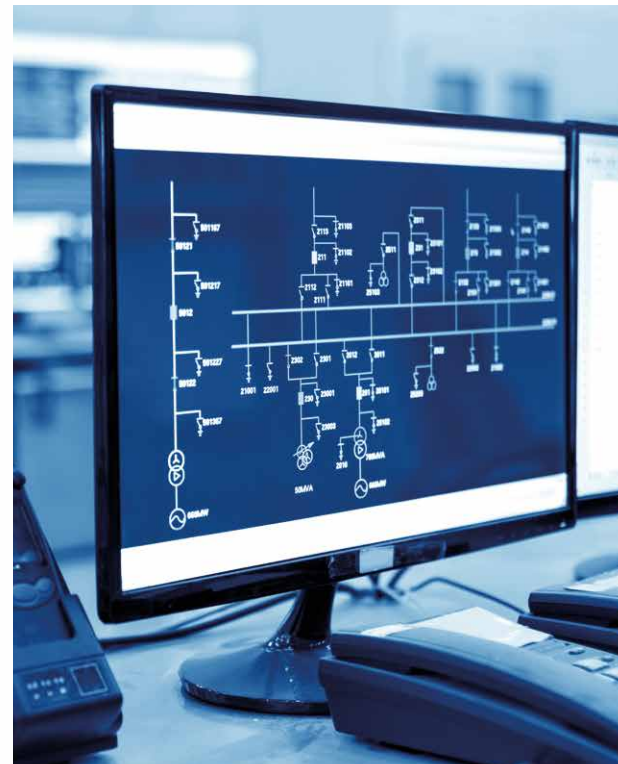
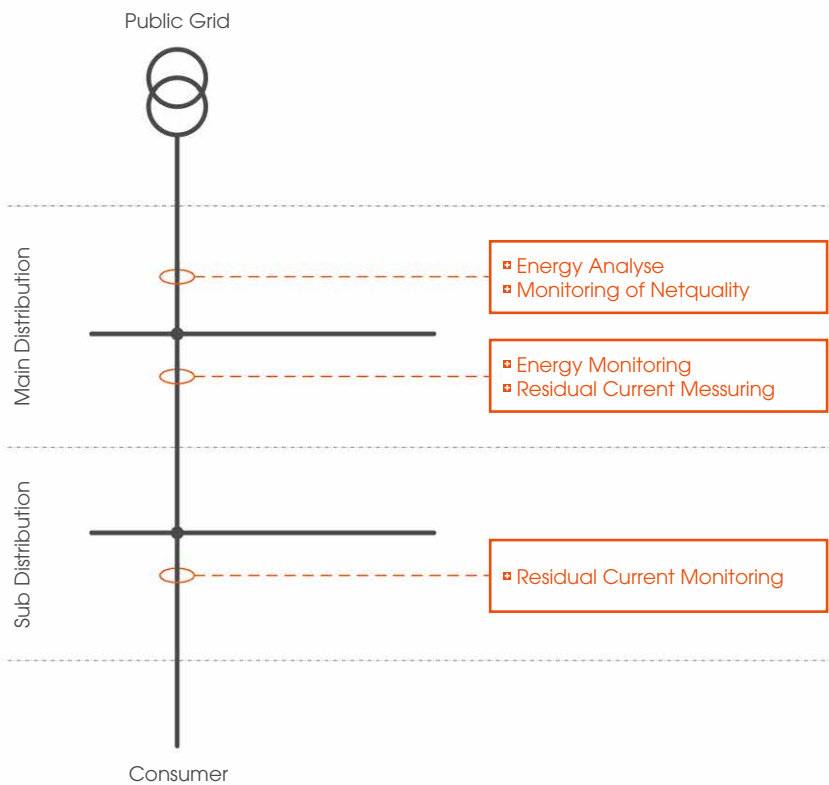
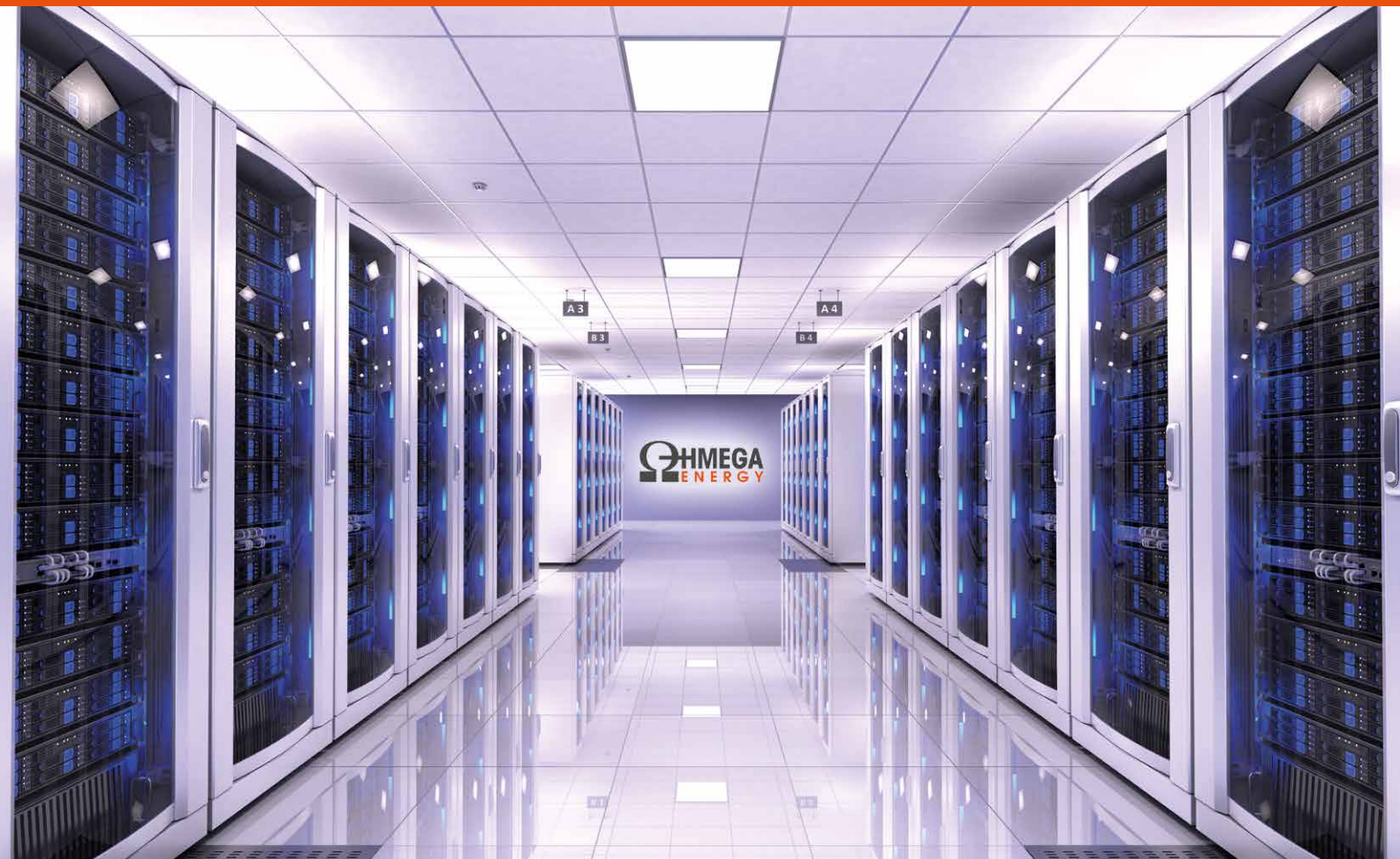
### SERVICES

- ✚ Planning, project planning and project management
- ✚ Project planning using EPLAN or RUPLAN
- ✚ Programming of automation and control technology systems
- ✚ On-site installation and commissioning
- ✚ Recording and elaboration of grid systems
- ✚ Short circuit and selectivity calculations
- ✚ Thermographic measurements
- ✚ Circuit breaker inspections
- ✚ System documentation

### APPLICATION AREAS

- ✚ Computing and data centres
- ✚ Energy suppliers and infrastructures
- ✚ Facilities and fields in the medical sector
- ✚ Oil & gas
- ✚ Industry

Security at the highest level – monitoring and early fault detection ...





## MONITORING AND SYSTEM COMPONENTS

### CONTROL AND MONITORING SYSTEMS

Permanent monitoring of operating and residual currents is an essential component for highly available power supplies.

The installation of our system components increases your system and operating security, while faults in the power supply can be avoided through early warnings. Monitoring components have bus-controlled connections and they transmit their relevant system data via I&C to the location-independent service staff.

Consumer data acquisition and evaluation allows you to implement ISO 50001 certified company energy management retrospectively in your system, or to introduce a complete new system.

### PRODUCTS

- ✚ Automation and remote control technology
- ✚ Residual current monitoring in TN/TT networks
- ✚ Installation monitoring in IT networks
- ✚ Control and monitoring systems
- ✚ Changeover devices
- ✚ Digital input/output devices
- ✚ Energy management systems

### SERVICES

- ✚ Application-specific information and consultancy
- ✚ Creation of requirement specifications
- ✚ Programming of controllers
- ✚ Connecting monitoring and system components
- ✚ Coupling of energy management systems with existing control technology systems
- ✚ Full function checks on complete systems

### APPLICATION AREAS

- ✚ Computing and data centres
- ✚ Energy suppliers and infrastructures
- ✚ Oil & gas
- ✚ Hospitals
- ✚ Industry

Commitment to innovations and development of new products ...



PROJECT DEVELOPMENT

DETAILED PLANNING



## REGENERATIVE POWER SUPPLIES

### ENERGY PRODUCTION

Renewable energy production is one of the key technologies for the power supplies of the future. In contrast to the ever-shrinking oil, gas and coal resources, renewable energy carriers such as sun and wind are essentially inexhaustible. Generating energy directly on site saves on infrastructure and reduces the requirements for transmission system operators. This is why we offer solutions for efficient and intelligent integration of decentralised systems in the overall system, as well as mobile stand-alone supply systems in container format.

### THE LATEST GENERATION OF ENERGY STORAGE

The key to a secure and continuous power supply based on weather-dependent energy lies in energy storage. Our multi-disciplinary expertise relating to uninterruptible power supply systems allows us to provide you with ground-breaking solutions for intelligent energy storage.

### MORE INTELLIGENCE IN THE DISTRIBUTION NETWORK

The energy revolution poses a great challenge for grid operators. The power grid must become more intelligent in future to deal with the energy sourced from decentralised production and renewable energies subject to strong fluctuations. Grid operator servicing strategies and planning processes can be optimised by using our energy management systems and selected system components – this in turn ensures the stability and security of the distribution network.

### PRODUCTS

- ✚ Photovoltaic systems
- ✚ Small wind power plants
- ✚ Container format stand-alone supply systems
- ✚ Energy storage systems in battery form
- ✚ Energy management systems

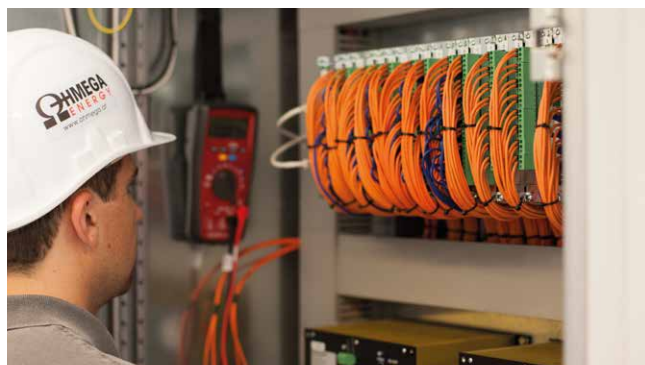
### SERVICES

- ✚ Application-specific information and consultancy
- ✚ Detail planning and project planning
- ✚ Installation and commissioning works
- ✚ Service and support

### APPLICATION AREAS

- ✚ Industrial companies, for peak load time coverage
- ✚ Defence and disaster protection
- ✚ Regions without grid connections

A secure power supply requires competent and reliable partners ...



PROJECT DEVELOPMENT

DETAILED PLANNING



## SERVICES

The Ohmega Energy Team has highly trained personnel with many years of multi-disciplinary experience, particularly in system modernisation.

We would be happy to create a service package for you, tailored to your individual requirements. We also offer all solutions as single services.

### ENGINEERING

- ✚ Consultancy and support prior to your investment decision
- ✚ Planning, project planning and project management
- ✚ Support for submission of official applications

### PROJECT PLANNING

- ✚ Project planning for construction documentation (RUPLAN, EPLAN, ACAD)
- ✚ Creation of scheduling plans
- ✚ ACTUAL inventories
- ✚ System documentation

### INSTALLATION AND COMMISSIONING

- ✚ Turnkey installation and commissioning
- ✚ System modernisation without operation interruption
- ✚ Installation and services in explosive areas
- ✚ New installations and adaptations in Alpine regions
- ✚ Power cable installation works, up to 25kV
- ✚ Programming of automation and control technology systems
- ✚ Final acceptance with experts
- ✚ System logbook creation

### SERVICE AND SUPPORT

- ✚ Initial and periodic system inspections in compliance with successive ÖVE/ÖNORM E 8001 regulations
- ✚ Training for our products and systems
- ✚ Maintenance and servicing management
- ✚ Support via our Hotline



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WHEREVER WE ARE**