

## OFFER OF SERVICES

# Secure electronic communication in the power supply industry

In many areas power supply companies use email, Internet portals and different forms of electronic information transmission for communication with suppliers, customers, authorities and market partners. With the introduction of GPKE<sup>1</sup> and GeLi-Gas<sup>2</sup> procedures the volume of the communication of highly sensitive customer and consumption data will once again increase enormously. Security-relevant documentation and operating data will also be generated, transmitted and filed to a comparable extent by planners and operators of power supply systems.



Special measures must be adopted for the security of electronic communication in order to fulfil the legal requirements on integrity, authenticity and confidentiality.

### With our experience and our knowledge:

- You reduce your entrepreneurial risks, since with our solutions you acquire legal security and guarantee compliance.
- You avoid costs permanently in that we create the basis for electronic business processes free of media breaks.
- You receive active support in the design of solutions, as well as in organizational and technical implementation.
- The special protection needs for nuclear plant construction and operation are taken into account comprehensively.

As a member company of the EDNA initiative we are committed in the interests of all market partners to the introduction of practicable security standards.



<sup>1</sup> Geschäftsprozesse zur Kundenbelieferung mit Elektrizität (Business processes for supplying customers with electricity)  
<sup>2</sup> Geschäftsprozesse Lieferantenwechsel Gas (Business processes for change of gas supplier)



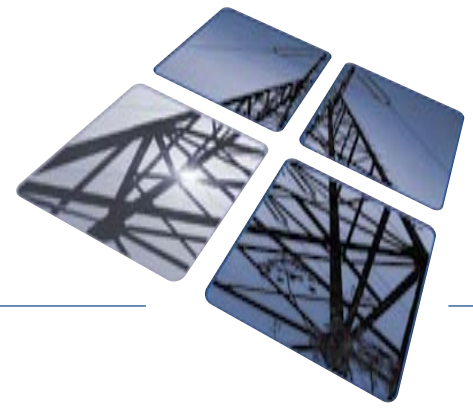
## YOUR SITUATION

- You are convinced that the topic of „Secure electronic communication“ is of importance for your company and are looking for a partner who determines the concrete benefits and supports you in the argumentation and representation of the subject.
- You already have several island solutions in operation, for instance within the scope of communication with the Federal Network Agency, the Federal Environmental Office or health insurance funds, and are aiming for conceptual and IT-technical harmonization of these solutions.
- In the course of the implementation of GPKE and GeLiGas procedures you are looking for competent advice, in order to fulfil the legal and technical security requirements.
- You are planning the introduction of a Public Key infrastructure (PKI) and are looking for an experienced partner who will support you strategically and conceptually.
- You are looking for electronic communication solutions satisfying the requirements of your quality management.
- You want to design your electronic processes free of media breaks and are looking for reliable procedures for replacing handwritten signatures.



## OUR SOLUTIONS FOR YOUR SUCCESS

- Determining the threat potentials, evaluation of the risks as well as description of the measures required
- Determining the economic potentials within the cope of electronic business processes
- Development of corporate strategies for assuring the authenticity, integrity and confidentiality of electronic communication
- Professional design, implementation support and integration of PKI solutions
- Compiling IT concepts, IT-technical implementation support as well as technical and organizational implementation of the solution
- Compiling communication directives, Certificate Policies (CP) and Certification Practice Statements (CPS)
- Compiling contractual agreements, e.g. Service Level Agreements (SLA) with the operators of your IT solution



## EXAMPLES OF CONCLUDED PROJECTS

- Comprehensive strategic and professional advice on secure electronic communication as well as implementation support of PKI solutions for several German power supply companies
- Concept and implementation support for protecting electronic communication paths and archival in conformity with the law of communication data for planning and construction companies in the conventional and nuclear environment
- Holding seminars and workshops on sensitization and project finding for system planners and construction, power generation and power supply companies in Switzerland and in Germany



**KOMKE**

Member:

**EDNA**  
INITIATIVE



Bundesverband Deutscher  
Unternehmensberater BDU e.V.