

inubit solution for the implementation of the BNetzA requirements

Since the deregulation of the German energy market in 1998 it became obvious that only insufficient uniform data formats and business processes for the henceforth required processes of customer changing exist due to the competition regarding the supply with electricity.

Obligatory defined business processes support the concretion of the process steps by the market participant within the regarding business processes and regulate the processing period, the content and the recipient of the message. In connection with uniform data formats they approve the use of modern communication media and therewith the automation of any emerging data interchanges. For almost every participant of the energy market in Germany the pressure to act today rests with the implementation of BNetzA requirements on schedule.

The guidelines of the BNetzA regarding the fixing of standardized business processes and data formats for the supply of customers with electricity are defined in the resolution BK6-06-009 „Geschäftsprozesse zur Kundenbelieferung mit Elektrizität“ (“business processes for the supply of customers with electricity”). The business processes

- Changing of supplier
- End of delivery
- Beginning of delivery
- Replacement delivery
- Transmission of meter readings
- Change of master data
- Business data enquiries
- Network access charging

are from now on defined and determined and have to be implemented on schedule by every participating company in the energy market for initiation and processing of network access at supply of end-customers with electricity using the EDIFACT data format.

The EDIFACT message types UTILMD, MSCONS, REQDOC, CONTRL, APERAK, REMADV and INVOIC had to be applied, in doing so the companies had to have realized the use of these standards until the 1st of August 2007. Exceptions are INVOIC and REMADV – these had to be available until the 1st of October 2007.



Legal requirements of business processes in the energy market – the process of changing suppliers

The process of changing suppliers means the change of an extraction point of a former supplier to a new supplier by the same customer. This process consists of different sub processes which have to be operated in detail between different market roles. The process „change of supplier“ defined by the BNetzA describes the interaction between the market participants for the scenario which has to be realized (electronically and automated) when an end-customer wants to change its power supply company.

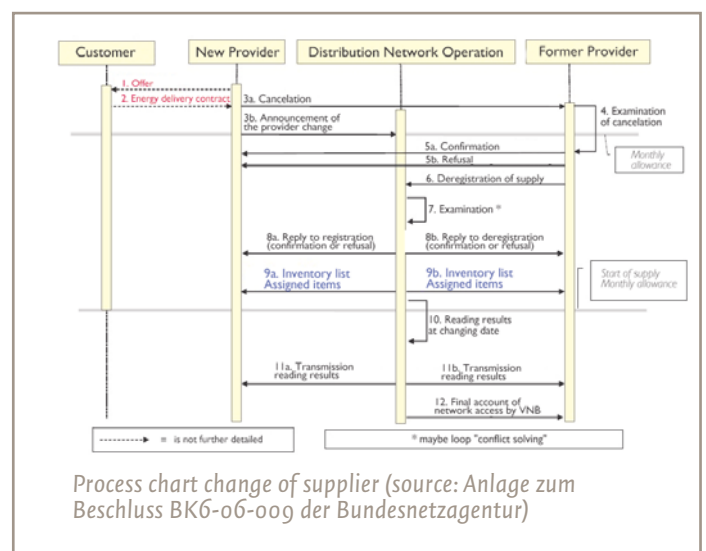
During the whole process the EDIFACT message types UTILMD and MSCONS have to be exchanged. Additionally the message types CONTRL and APERAK apply to confirm the successful receipt and the syntactic correctness of the message resp. to transfer failures to the business partner.

The process is clear – but how can market participants manage the accompanying increasing data volume efficiently?

Considering that only the process of changing the supplier requires the exchange of more than 20 messages (UTILMD, MSCONS and CONTRL / APERAK) it is deducible, how many messages have to be processed electronically and standardized in the future.

Also the number of customers willing to change will increase.

Figures from completely deregulated markets show a changing quota between 15 till 40 percent – a number which we are far away of in Germany. But the trend is apparent – and the BNetzA will be attempted to force this progression.



Hence it is important to operate this process most efficiently in order to spend as few resources as necessary for generating new customers or the handling of former customers.

Preconfigured process packages of inubit make the implementation of BNetzA requirements easy

For the implementation of the BNetzA requirements inubit offers the market participants, based on the inubit BPM-Suite „iS“, preconfigured process packages for defined business processes.

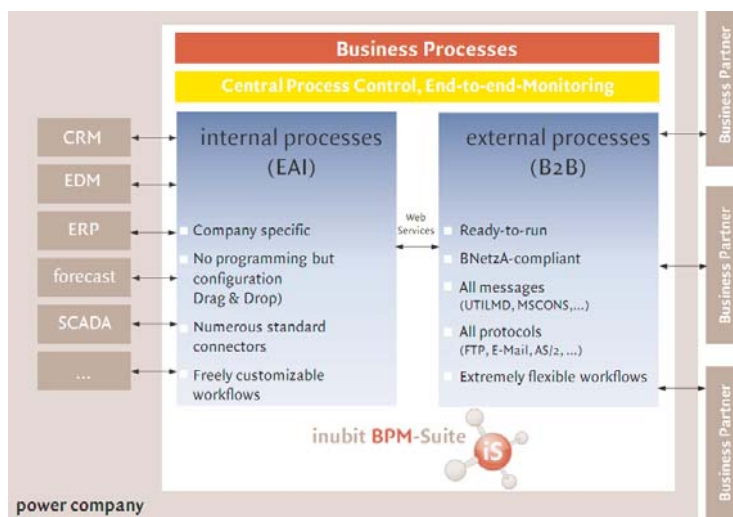
These packages contain all needed and by the BNetzA predetermined EDIFACT message types (UTILMD, MSCONS, REQDOC, CONTRL, APERAK, REMADV and INVOIC) and enable the power suppliers as well as the public services to implement the legal requirements fast and cost-efficient.

Resulting from the flexibility of the inubit Suite the process package can be integrated in the company-specific IT systems with as less effort as possible so that a continuous process integration is obtained.

With this preconfigured solution the companies of the energy market benefit not only from the fast implementation

of the current requirements but also from the numerous other potentials provided by the inubit Suite for extensive process and business partner integration.

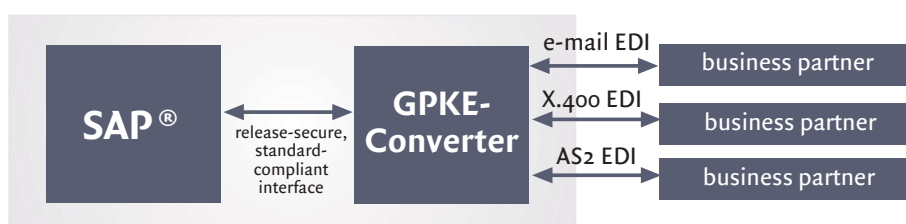
To automate the complex business processes in the energy market in an effective way, inubit offers an integrated communication platform for exchanging all essential business messages including ready-made and preconfigured process templates.



In doing so, the inubit Suite supports all ways of communication (esp. EDIINT AS2, e-mail, FTP) and data formats (EDIFACT, XML, Excel, CSV, EDIG@S) externally as well as internally.

BNetzA compliant business data exchange for SAP® IS-U user

For electronically, legally compliant exchange of data between SAP® IS-U systems and market participants, inubit offers a special process package supporting all formats required by the BNetzA. The dispatch of messages to business partners is recorded and confirmed to the SAP® system. An integration of further systems is possible at any time due to numerous standard connectors.



Convincing advantages of inubit BNetzA process packages

- Preconfigured and therefore fast realizable solution for the implementation of BNetzA requirements
- Completely graphical configuration – no programming
- Fast and flexibly adaptable on changing legal requirements
- Support of all legally predetermined EDIFACT message types and numerous protocols
- Reduction of process and transaction costs due to optimal data and process integration
- Encryption / signature
- Consolidation / flexibility of the applications via the central integration server, which also integrates legacy systems optimally
- Transparent and centrally controlled processes which run in the favored process settings