

E.ON Portfolio Solutions modernises billing software with ENER-GX

Flexible configuration of energy supply company and key account contracts with Sopra Steria's multi-commodity solution

Standard software replaces outdated in-house development

E.ON Portfolio Solutions is currently implementing its digitalisation and cloud strategy. To modernise the system architecture, the company was looking for a suitable billing software, the choice fell on ENER-GX from Sopra Steria. In a joint project, E.ON Portfolio Solutions introduced the software product for billing complex multi-commodity contracts. With the flexibility gained and the range of configuration options, the company is now able to manage individual as well as standardised energy supply and entry contracts of different sectors.

By opting for ENER-GX from Sopra Steria, E.ON follows the market trend of replacing outdated in-house developments with standard software. This enables the company to completely focus on its core business, energy trading. In addition, the energy trader is gearing up for future market requirements.

Key points



— Modernised system architecture



— Individual contract variants



— Flexibility and a multitude of configuration options



— Process efficiency and low maintenance costs

Challenges

One of the key tasks for the project team was to coordinate and manage the E.ON Portfolio Solutions project. E.ON manages multi-commodity contracts in Europe. The company calculates the contracts, prepares the invoices, forwards it and posts it. The spectrum ranges from standardised contracts with little product flexibility to complex individual contracts for major customers. The new solution should cover this diversity through flexible setting options. Further important requirements towards a new billing software were multi-client capability, multi-currency capability and multilingual support for use in international markets.

This requirement profile of E.ON Portfolio Solutions GmbH called for an application with technical flexibility to configure products and achieve top performances in the management of consumption data. On the one hand, the software has to meet all requirements towards complexity and, on the other hand, always be up to date legally and technically through automatic updates from the manufacturer.

Our solution

In a modern project approach using agile methods, billing products were set up, individual energy delivery contracts were modelled, and milestones for integration and further developments were planned for E.ON. ENER-GX was seamlessly integrated into the energy company's existing system landscape: through imports from trading, communication with balancing group management, imports from market communication and transfer to the company's general ledger. In addition, layouts were customised, existing print/mail routes were connected for invoice forwarding, and incoming transport invoices were imported for forwarding to delivery invoices. This allowed the multi-commodity solution to fit smoothly into E.ON's software architecture.

ENER-GX meets all required criteria, so that an individual development could be transferred into a standardised software solution. E.ON now relies on a system solution that enables the company to create invoice of complex, individual and trade-related contracts as well as to flexibly display individual products. The software solution is characterised by its many configurable settings. ENER-GX also ensures process efficiency and low maintenance costs. The energy supplier can thus display new sales segments, markets and commodities nationally and internationally as required. ENER-GX also has an integration approach that supports classic and event-oriented interfaces, including standard template libraries.

„With ENER-GX, we are now able to map and bill our customer contracts in their entirety. When it comes to the challenges of new projects, we always have a professional partner at our side in Sopra Steria, who always supports us during implementation and delivers the optimal solutions.“



Wolfgang Stroh

Head of E2E Operations,
E.ON Portfolio Solutions GmbH

How we worked together

The project has an enormous relevance for E.ON Portfolio Solutions GmbH. The team was correspondingly large. Despite the team size, they managed to coordinate closely and work together as equals. A mixture of waterfall methodology and agile project approaches were used for project implementation: Above all, software enhancements, infrastructure adaptations and integration into the system landscape were implemented in the traditional way. The project team took an agile approach to product design and building selected contract examples. Key users at E.ON were able to work with ENER-GX at an early stage. This enabled the company to build up know-how already during the configuration.

Results and benefits

With the introduction of ENER-GX, E.ON Energy Germany is now working with state-of-the-art standard software and can configure the complete product range independently. Flexibility in product design and consumption data management allows product innovations to be billed and easily mapped in the IT system. The software's multi-language and multi-client capabilities enable the company to drive white-label services. The technology allows the company to concentrate on its core business. The energy supplier can focus on developing new sales segments, entering new markets and incorporating new commodities.

About the customer

With approximately 100 employees, E.ON Portfolio Solutions GmbH (EPS) is one of Germany's leading providers of electricity and gas commodity solutions. EPS customers include several hundred municipal utilities and regional suppliers as well as large industrial customers. The spectrum of products and services ranges from standard products, such as schedule deliveries and residual load cover contracts, to portfolio management services and individual supply concepts. EPS has about 10 locations in Germany, the main locations are in Dortmund and Essen.

About Sopra Steria

Sopra Steria is a leading European technology company with recognised expertise in the business areas of consulting, digital services and software development. The Group supports its customers in driving digital transformation and achieving concrete and sustainable results. Sopra Steria provides comprehensive end-to-end solutions that make large enterprises and government agencies more competitive and efficient - based on deep industry expertise, innovative technologies and a collaborative approach. The company puts people at the centre of its activities to take advantage of the vast potential of digital technologies and to create a positive future for its customers. With 47,000 employees in 30 countries, Sopra Steria generated a turnover of 4,7 billion euros in 2021.

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