Market-relevant dynamic products in SAP® IS-U

Efficient and automated billing of index and formula products with SAP® IS-U

Until now, billing major customers of energy suppliers for dynamic energy products, such as index- or formula-based products, could only be partially accounted for with a standard billing system such as SAP® IS-U. With the add-on BILLING.easy for SAP® IS-U, created by the RT.easy® Product Factory of Sopra Steria, this is now automated and efficient.

Challenge

SAP® IS-U, the standard billing system for energy suppliers, is optimised for fixed-rate customer billing. It does not offer functionality for the billing of dynamic products as standard. These products contain data such as stock market prices, temperature characteristic curves or building data.

Frequently, questions are inadequately answered or not at all, such as:

_ Is it difficult to illustrate sales requirements in your products/rates?

_ Do you require many manual or staffing resources to bill formula products?

_ Does your billing for special contracts or key customers only function with self-developed tools?

_ Are billing printouts unclear and incomprehensible for your customers?

_ Is the process chain heterogeneous from quote calculation to billing?

_ Does your sales department offer any riskoptimised products with daily and hourly prices?

On the one hand, there is customer demand for the billing of index and formula-based products, but processes are inefficient and costly for the energy supplier's specialist departments and require multiple manual steps. Proprietary Excel-based solutions are most often used for billing, but these pose a number of challenges: a high potential for errors, vast consumption of resources and unauditable files.
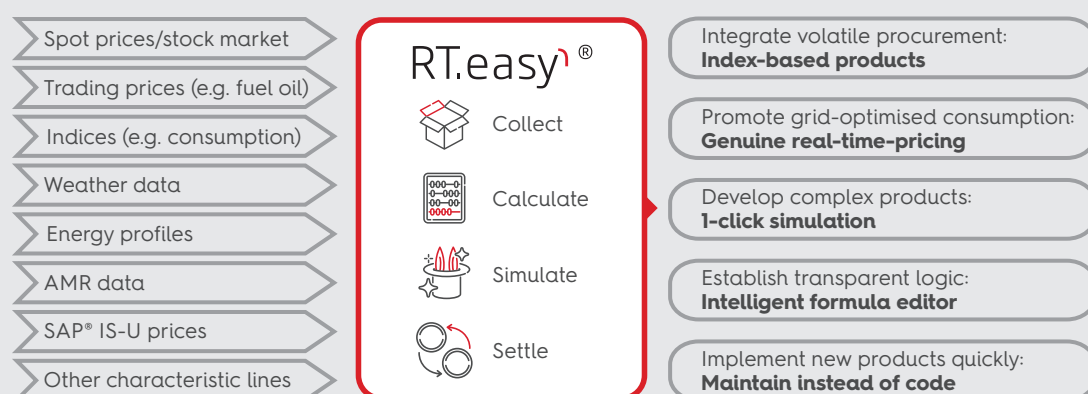

Spot prices/stock market

Trading prices (e.g. fuel oil)

Indices (e.g. consumption)

Weather data

Energy profiles

AMR data

SAP® IS-U prices

Other characteristic lines

RT.easy®

Collect

Calculate

Simulate

Settle

Integrate volatile procurement: **Index-based products**

Promote grid-optimised consumption: **Genuine real-time-pricing**

Develop complex products: **1-click simulation**

Establish transparent logic: **Intelligent formula editor**

Implement new products quickly: **Maintain instead of code**

Fig. 1: RT.easy® solution concept

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Flexible products by using characteristic curves

To calculate prices which are generated and delimited dynamically depending on indexes, BILLING.easy uses characteristic curves:

- Indices up to a granularity of one minute
- Curves acquired from external systems (e.g.: weather, building data)
- Creation of alternative costs for all curves used
- EDM profile in direct access (read and write in SAP®)

Simple maintenance characteristic curves

Pricing settings and integrating an index in a product is carried out in full via a familiar formula, frequently used in table calculation applications. "Copying and pasting" from table calculation in SAP® IS-U is possible. BILLING.easy eliminates any complexity and nesting depth, through to multilateral mathematical printouts

Benefits of implementing BILLING.easy in existing architecture

BILLING.easy has been created as an extension within the SAP® system and therefore offers no new interfaces. It is operated and maintained with the functionalities already installed for the SAP® IS-U system.

Contact us

Would you like to find out more about BILLING.easy? Then please contact us by phone or e-mail.

RT.easy¹ ®

SAP Gold Partner

About Sopra Steria

Sopra Steria, a European leader in consulting, digital services and software development, helps its clients drive their digital transformation to obtain tangible and sustainable benefits. 45,000 experts in 25 countries provide end-to-end solutions to make large companies and organisations more competitive by combining in-depth knowledge of a wide range of business sectors and innovative technologies with a fully collaborative approach. Sopra Steria places people at the heart of everything it does and is committed to making the most of digital technology to build a positive future for its clients.

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