

Situation

- EP Commodities (EPC) is a member of the Energetický a průmyslový holding (EPH) group, where it serves as a specialist in trading energy commodities and transit and storage capacities
- Within the EPH group, the company shared the SAP ERP system and operated it alongside a third-party system, Endur, for executing business transactions in commodity purchase and sale processes—either directly with partners or through exchanges
- In connection with the upgrade to the SAP S/4HANA Cloud, Public Edition ERP system in 2022, the need arose to integrate the Endur system with the new ERP platform
- The initial proposal of manually transferring data between the systems without integration was later redefined into a maximally automated system integration

Challenges

- Develop a comprehensive tool encompassing procedures for various trading scenarios
- Minimize the need for manual user intervention in the trade processing workflow
- Optimize the size of trading transactions
- Create comprehensive reporting on trading cases by consolidating data from both integrated systems — retrospectively and throughout the transaction lifecycle

Solution

- Implementation of the application and integration between the key trading system Endur and the SAP S/4HANA Cloud, Public Edition, utilizing tools from the SAP Business Technology Platform (BTP) — specifically the SAP Integration Suite and SAP Cloud Integration (SCI)
- Configuration of rules for automated system decision-making on how to process specific trading transactions
- Linking integrated trading transactions to standard purchase and sales processes in the SAP S/4HANA Cloud, Public Edition ERP system

Benefits

- Automation of the processing of most trading transactions without the need for manual user intervention
- Management of the entire lifecycle of a trading transaction — document creation, discrepancy monitoring, document cancellation, correction, and other scenarios within the trading process
- Significant reduction in the number of manual steps related to transaction processing
- Transparency of document flow between systems, including feedback on the current status of the transaction back to the third-party system

Future plans and development

- Roll-out of the solution to additional branches in the countries where EP Commodities operates



Industry

Energy, Commodities

LoB

- Purchase/Sale
- Finance
- Controlling

Customer

EP Commodities, a.s.

Headquarters

Prague, Czech Republic

Products and services

Trading of energy commodities and transit and storage capacities

Number of employees

>150 (2024)

System environment

- SAP S/4HANA Cloud Public Edition
- SAP BTP

Project Implementation

Timeline

5/2022–11/2023

Reference

Michal Paško, CEO