

Success Story

BellaDati data analytics Application for Oil pipeline industry



Organization: Transpetrol

Location: Slovakia

Website: www.transpetrol.sk/en

Industry: Pipeline transport

- Transpetrol, established in 1991, is a state-owned oil pipeline company, that maintains Druzba transit pipeline and is also involved in crude oil storage
- Transpetrol is one of the strategic companies of the Slovak economy. It belongs to the biggest and most important enterprises in Slovakia
- 567,000 tons of crude oil stored (2013)
- 9,788,055 tons of crude oil transported in total (2013)
- 56,853,012 EUR revenue (2013)

Notable data sources:



BellaDati deployment:
OnPremise

Business Situation

Transpetrol is a state owned oil pipeline company in Slovakia, employing more than 300 employees. They transport around 9 millions of crude oil every year and are able to store up to 680 thousands cubic meters of crude oil. The company maintains the Druzba transit pipeline, which is used to transport Russian crude oil from Ukraine to Western Europe. In order to effectively manage crude oil transport and balance, Transpetrol was looking for data analytics and reporting solution that enables business users to create new reports fast, in order to adapt to changing business requirements.

Technical Situation

Transpetrol is using various IT systems like SAP ERP, RIS (pipeline information system), SCADA and many others. IT solution based on SAP platform is used to monitor crude oil transport status and balance. All source data for reporting is imported from SAP BW via BellaDati's native BW connector.

BellaDati Solution

BellaDati has been deployed as the central reporting tool and replaces various reports from different data sources (SAP BW, MS Excel, MS Access). Reports are divided into main 3 areas: Crude oil transportation and storage, Controlling and EAM. Crude oil transportation and storage reports are mainly focused on amount of crude oil in the pipeline, crude oil stored and crude oil delivered to customers. Controlling reports monitor costs and revenues, which are divided for different areas like services, education etc. EAM reports provide important informations about various IT areas like validity of licences, application support etc. In addition to the web based reporting they also use BellaDati BI mobile app to access reports and dashboards from their mobile devices.

Benefits & Results

Transpetrol is now able to build reports in much shorter time. As all data for reporting is now centralized in the BellaDati Data Warehouse, the data quality has been increased and reporting has been made much more easy. Users also like BellaDati layout and easiness of the work with BellaDati. All of these facts rapidly increase reporting efficiency of Transpetrol and enabled management to make faster decisions based on solid analyzes.