

OMV Aktiengesellschaft

Harmonizing Austria's Largest Integrated Oil and Gas Company

Company Background



With group sales of 42.65 billion EUR and a workforce of nearly 30K employees in 2012, OMV Aktiengesellschaft is Austria's largest listed industrial company. In late 2004, OMV acquired a major share of 51% of the privatized Romanian oil company, Petrom, and became the market leader in Central and Eastern Europe. OMV is active in Romania and Austria and holds a balanced international portfolio in Exploration and Production.

As of 2012, OMV had oil and gas reserves of approximately 1.12 billion barrels of oil equivalent (BOE) and a production of approximately 303,000 BOE per day. In Gas and Power, OMV sold about 437 terawatt-hours of gas. In addition, it operated a 2,000km long gas pipeline network with a marketed capacity of around 103 billion cubic meters of natural gas in Austria. With a trading volume of around 528 terawatt-hours, OMV's gas trading platform, the Central European Gas Hub, is amongst the most important hubs in Continental Europe. In Refining and Marketing, OMV had an annual refining capacity of 22 million tons and approximately 4,400 filling stations in 13 countries at the end of 2012.

System Sought

When the major share of Petrom was taken over by OMV, two specialized internal laboratories became available within E&P, both serving mostly their local market and sometimes the OMV branch office. After major equipment investments for ICPT Campina were done to adjust the analytical standards to the ones already existing in the Gänserndorf laboratory, the next step in supporting the harmonization of laboratory operations was to have a common approach in data management. Management identified that need and engaged in an assessment of the current situation regarding the data management in both LEP-OMV and ICPT-Petrom labs. This primarily focused on fluid analysis (specifically gas analysis, oil analysis, instrumental analysis, pressure, volume, temperature analysis and water analysis).

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Thus, the OMV Group put out a request to selected LIMS vendors and LABVANTAGE responded. Interestingly, the sales process was conducted entirely through conference calls and web demonstrations and LABVANTAGE did not have to actually visit OMV's headquarters.

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System Selected

In June 2011, OMV selected LABVANTAGE because their LIMS was an excellent fit for their business requirements and needs. Two months later in August, the project kicked off in Vienna. In the fall, workshops were held in Vienna, Austria and Campina, which is 90 km north of the capital of Romania. The Functional Requirements Specifications were later signed off in November.

OMV appreciated the browser-based LIMS because it could be used in a number of labs and countries which would make it easier for their IT department to support. OMV also liked that LABVANTAGE could easily be interfaced to the other systems they were using and that it had a built-in language translation tool that could be configured.

System Delivered

LABVANTAGE understood the needs of OMV and helped them deliver a solution that met their requirements. The core system was built in December 2011, and in early 2012 the system was tested and the information on the external interfaces and reports were gathered. Data from a number of old systems and Excel spreadsheets was migrated to the new LIMS with the support of LABVANTAGE.

The agreed interfaces, reports and data migration were implemented during the spring and the UAT tests were run in early spring of 2012. After a final round of issue resolution and change requests, the system was deployed to their production system and went live on July 16th, less than 11 months from the project start date. The LABVANTAGE project team visited the Petrom head office in Bucharest, the capital of Romania, in August to provide some final training and have a project close out.

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CASE STUDY: OMV AKTIENGESELLSCHAFT

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