



EP Petroecuador

Analytics reduce key asset maintenance costs to help prevent equipment failures

Quito, Ecuador

www.eppetroecuador.ec

Solution Components

- IBM® Maximo® Asset Management
 - IBM Global Business Services® — Application Innovation Services
-

This state-owned oil company in South America is engaged in the exploration, production, storage, refining and retailing of crude oil, both domestically and internationally. The company's marketing network includes 148 service stations located throughout the country. The organization also refines various petrochemicals. The company's subsidiaries focus on exploration and extraction, refinery operations and transportation and marketing of refined products to the country's domestic market.

The Opportunity

As part of a broad transformation effort, this oil company sought to introduce more efficient and cost-effective asset management practices. Assembled from multiple operations over the years, the company had a patchwork of systems and processes that prevented it from gaining the large-scale insights needed to make informed, proactive asset management decisions.

What Makes It Smarter

The organization's comprehensive new solution helps technicians analyze failure patterns across specific asset classes, such as pipes, pumps and valves. They can then better predict where and when to replace parts before they fail, based on monitored asset usage level or condition.

Real Business Results

The client expects the solution to reduce overall pipeline and refinery operating costs by more than 1 percent, through a combination of reduced parts purchasing and inventory costs from predictive asset maintenance practices, logistics optimization from minimizing emergency parts shipments, and increased productivity from streamlined and standardized processes. By using predictive analytics and condition-based monitoring, the company expects to reduce the frequency and duration of pipeline and refinery shutdowns significantly.



For More Information

Please contact your IBM representative or IBM Business Partner. Visit us at ibm.com/gbs.

To learn more about EP Petroecuador, visit www.eppetroecuador.ec.

“Having broader, deeper and more analytical insights into our pipeline and refinery infrastructure will provide the basis for optimization across all phases of our asset management processes, a central aim of our transformation strategy.”

— Jorge Regalado, Organizational development manager



© Copyright IBM Corporation 2014

IBM Corporation
Software Group
Route 100
Somers, NY 10589

Produced in the United States of America
June 2014

IBM, the IBM logo, ibm.com, Maximo and Global Business Services are trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at “Copyright and trademark information” at www.ibm.com/legal/copytrade.shtml.

This document is current as of the initial date of publication and may be changed by IBM at any time. Not all offerings are available in every country in which IBM operates. The performance data discussed herein is presented as derived under specific operating conditions. Actual results may vary. THE INFORMATION IN THIS DOCUMENT IS PROVIDED “AS IS” WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY OR CONDITION OF NON-INFRINGEMENT. IBM products are warranted according to the terms and conditions of the agreements under which they are provided.



Please Recycle
