

CASE STUDY



Mobile Improves Data Collection for Natural Gas Interstate Pipeline





Company



Natural Gas
Interstate Pipeline



North America



Oil & Gas

Challenges

- Needed a way to accurately capture information in the field.
- Wanted a configurable mobile solution for Maximo that worked on all devices.
- Needed the ability to perform work on a mobile device without an internet connection.

Results

- Missing data was found and updated.
- Improved block valve inspections.
- Better emissions inspections.
- Updated PNID.

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ABOUT OUR CLIENT

From the Canadian oil sands to the deep waters in the Gulf of Mexico, this gas corporation connects natural gas supplies and natural gas products to a large market. As the fastest growing interstate pipeline in the US, they need to know everything about their assets. To control and optimize operations for quality and efficiency, they employed IBM Maximo® as their enterprise asset management system (EAM).

To collect reliable data from the field, they also needed a mobile solution. They wanted their EAM and mobile solution to work together seamlessly to increase efficiency and remove redundancy.

CHALLENGES

The organization could not capture work performed offline at the point of work. They wanted a highly configurable, mobile solution for Maximo that would work the same on any device, whether it was a desktop, a tablet, or a mobile phone.

SOLUTIONS

The corporation selected Prometheus Mobile for Maximo as their mobile solution. They strategically implemented the solution in tandem with Maximo, saving them time and money.

BENEFITS

Improvements made with Prometheus Mobile for Maximo include:

- Compliance
- Asset reliability
- Reduced equipment failures
- Paperless mobile inspections
- Real-time data collection in the field



Missing data was found and updated:

In the field, the operator or technician can identify a missing or incorrect asset attribute and update it in Mobile for

Maximo. They can also create new assets in the field and even attach a photo to document the information. Any changes to asset data are held in Mobile for Maximo for asset manager review, who edits, accepts, or rejects each suggested change. Only upon approval will the item be updated in Maximo. This customization helped the company rebuild the missing data and empowered the operators and technicians to make good decisions on behalf of the organization while removing bottlenecks in the process.



Block valve inspections: Prior to implementing Prometheus Mobile for Maximo, the organization kept a calendar to trigger a work order for a block valve inspection. Now, the inspections are preprogrammed with their inspection due dates using Maximo's Preventive Maintenance application. When the field operator or technician goes to work, the work order for the block valve inspection automatically loads. The preprogrammed inspection dates ensure block valve inspections take place on schedule.



Emissions inspections: If field operators or technicians discover an emissions problem, they can create a work order in Mobile for Maximo. This will generate the next phase of work. In the past, emissions failures were managed manually. Now the system is entirely automated. Currently, they use Mobile for Maximo to mark the emissions as pass or fail.



Update PNID: Using their mobile devices' cameras, the operators and technicians can scan a QR code to obtain and update asset information.

RESULTS

Today, this large natural gas company has compliance assurance, a growing inventory of complete and accurate asset data, and a mobile solution for their field staff.

Learn more about how Prometheus Group can help your organization today

CONTACT US

About Prometheus Group

Prometheus Group is a leading global provider of comprehensive and intuitive enterprise asset management software solutions that work within ERP systems and span the full work management life cycle for both maintenance and operations. Developed jointly with end users, Prometheus software enhances the customer experience for planning, scheduling, and executing work for both routine maintenance and shutdowns and turnarounds, all while protecting the workforce with safety solutions and electronic permit to work. Our straight-forward functionality, graphical visualization, and simple processes enable customers to increase productivity, reduce costs, and improve reporting. For more information, please visit www.prometheusgroup.com.