![datasplice A PROMETHEUS COMPANY]

Mobile Improves Data Collection for Natural Gas Interstate Pipeline

INSPECTIONS FOR OIL AND GAS

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.

THE CASE FOR MOBILE

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.

THE SOLUTION

The corporation selected DataSplice as their mobile solution for Maximo. They strategically implemented both solutions in tandem, saving them time and money.

Improvements made with DataSplice include:

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

Every gas company has unique problems that require creative solutions. Here are some ways we helped this company with theirs:

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 the DataSplice app. 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 DataSplice for asset manager review, who edits, accepts, or rejects each suggested change. Only upon approval will the item be updated in Maximo. Not only did this customization help the company rebuild the missing data, it 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 the DataSplice product, 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 DataSplice. This will generate the next phase of work. In the past, emissions

> *DataSplice brings to the table a (system) that is intuitive and user-friendly for the end user...we don't need (our) guys to get into Maximo."*

failures were managed manually. Now the system is entirely automated. Currently, they use DataSplice 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.

THE RESULT

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.

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