

Gulf Companies Increases Operational Efficiency For Construction Reporting With The Mobile Impact Platform



Gulf Companies (GULF) specializes in the project management, engineering and construction management of transportation & midstream systems from the wellhead through, and including, the terminal. This includes onshore pipelines, gathering systems, gas plants, oil conditioning plants, production facilities, pump and compressor stations, storage terminals, and loading facilities. Their expertise in all aspects of oil and gas production make them a worldwide provider in the pipeline industry for project management, engineering and design, GIS [geospatial], procurement, and construction management services. Due to the critical nature of their work, GULF needs software that is reliable and has the ability to automate processes with the opportunity for customization as business needs change.



Challenge

GULF is responsible for aggregating and analyzing a substantial amount of data that must be sent efficiently between teams in real time. Their Technology Group had previously built an in-house system for their data, but it was difficult to keep up with, and the team needed a tool that could scale with the company and provide the Technology Group the ability to develop apps quickly for their various business units.

In particular, they needed a platform to help their employees in the field who didn't have access to their offices throughout the day. It was also crucial to include automatic database creation and updating due to limited resources in the Technology Group, which would help with systems administration and reducing backlog. The team was looking to implement a mobile tool for construction inspections forms in pipelines and facilities to reduce downtime. It was also important to have progress reporting out in the field that could be routed for approval using the data to generate reports for chiefs and senior management. They wanted all of these processes to update simultaneously throughout the day in order for all teams to increase productivity and create a unified process.

"As a developer, I like how you can get the best out of both worlds: out-of-the-box solutions along with code customizable solutions."

ALEJANDRA SEVILLA
PROJECT LEAD



Solution

The Technology Group at GULF vetted and tested multiple platforms, and finally discovered the Mobile Impact Platform. They were impressed that the tool has powerful capabilities for mobile inspections forms and that it is customizable using code for their unique needs. The Mi-Platform allowed the Technology Group to increase productivity in the following areas:

- The ability to rapidly build 60%-70% of forms with no code using drag-and-drop tools.
- The capability to get very specific using code such as JavaScript and .NET.
- Streamline processes by having multiple columns on a form and the ability to aggregate data using SQL tables to generate reports.
- The ability to preview forms without the need to deploy to the device.
- Mi-Platform can feed directly into their existing back end by pulling data submitted on forms and passing it to their GIS system.
- Ease in routing forms based on a workflow of approvals through a scripting tool, which greatly increases communication within teams and the speed of completing projects.



Results

The Technology Group is highly pleased with Mi-Platform's ability to increase efficiency in the field for inspections in construction for pipelines and facilities. Data flows seamlessly from mobile users in the field through an approval process to management, and projects are completed in a timely manner. They were delighted to find that many of the features and capabilities in the Mi-Platform were not available in other platforms. The NextGen Designer (NGD) proved to be intuitive to use, and it helped to develop updates rapidly as the needs arose.

"I couldn't imagine a better experience working with Mi-Corporation. The amount of time and dedication that has been spent with our team is incredible and, I believe, a very important factor in our success with the product thus far. You have always been responsive, thorough in your explanations, and generous with your time."

JARED COE
PROJECT MANAGER

ABOUT MI-CORPORATION

Two decades ago, Mi-Corporation pioneered data capture on tablets and coined the term "mobile data capture." Mi-Corporation's Mobile Impact Platform provides a rich and powerful toolset that allows organizations to custom-build flexible solutions that improve workforce efficiencies, increase productivity, reduce costs, and increase profits.

You will find our solutions deployed across a diverse industry base at organizations like Transport for London, USDA, Bureau Veritas, the NC Department of Agriculture, GULF, and many others. In addition, Mi-Corporation is the proud recipient of many prestigious industry awards, including a 2015 and 2016 Microsoft Partner of the Year Award for our work in the Public Sector.