

Digital Oil Field Inspection Solution within Upstream Oil & Gas Industry using Mobility

Helps you spot and prevent incidents with mobile inspections, rounds and apt EH&S procedures

Using the Oil Field Inspection Solution, Mobisoft enables upstream oil and gas producers to achieve safe, reliable and profitable operations through systematic execution of oil field tasks. It allows oil and gas organizations to organize their inspection data effectively and make it easily accessible so as to prevent any on-field accidents.

Industry Challenges

Accurate Production Data

Oil & Gas production fields are mostly located in remote locations and employees have to work under challenging environments. This makes it tough for field inspectors and technicians to conduct operator rounds, inspections and reliability checks systematically which leads to inaccurate collection of production data.

Inefficient paper-based data collection

Filling out forms, writing notes, saving pictures and uploading them to a laptop are the most commonly followed industry inspection methods but they are outdated as well as unreliable. No matter whichever strategy is implemented, as long it is collected manually on paper on the basis of multiple data sources, it leads to inefficiency and loss of critical data.

Safety & Regulatory Compliance

Apart from commodity price volatility and geopolitics, the upstream industry also faces new regulatory challenges as field personnel are constantly exposed to complex physical environments and hazardous substances and equipment. An effective and reliable regulatory compliance solution is needed to manage all health, safety & environmental issues – ranging from audits, observations, personnel injuries, preventive actions and much more.

Rising maintenance costs & Personnel turnover

The oil and gas industry faces huge capital and maintenance costs due to new challenges that involve unconventional resources and pioneering technologies. The cost of quality workforce and services has also risen due to shortage in technical talent and risk exposure.

Unscheduled Downtime

In the upstream oil and gas industry, equipment failure is a leading cause of unscheduled downtime and production losses which results in high maintenance spending, damaged or irreplaceable equipment and loss of potential revenue. Access to real-time data for making quick decisions and avoiding downtime or part failure is integral to the efficient extraction of oil and gas.



Our Solutions



Oil Field Inspection Solution

Has been specifically designed to allow any field agent or inspector to simply use their mobile device where inspection is recommended to collect all the necessary data required and upload it within real-time. No data is ever misplaced or incorrectly filed away as it is all backed up on the cloud thus perfectly managing the communication chain between inspection, administration, construction, safety and field operation departments.

Easy Syncing of Data:

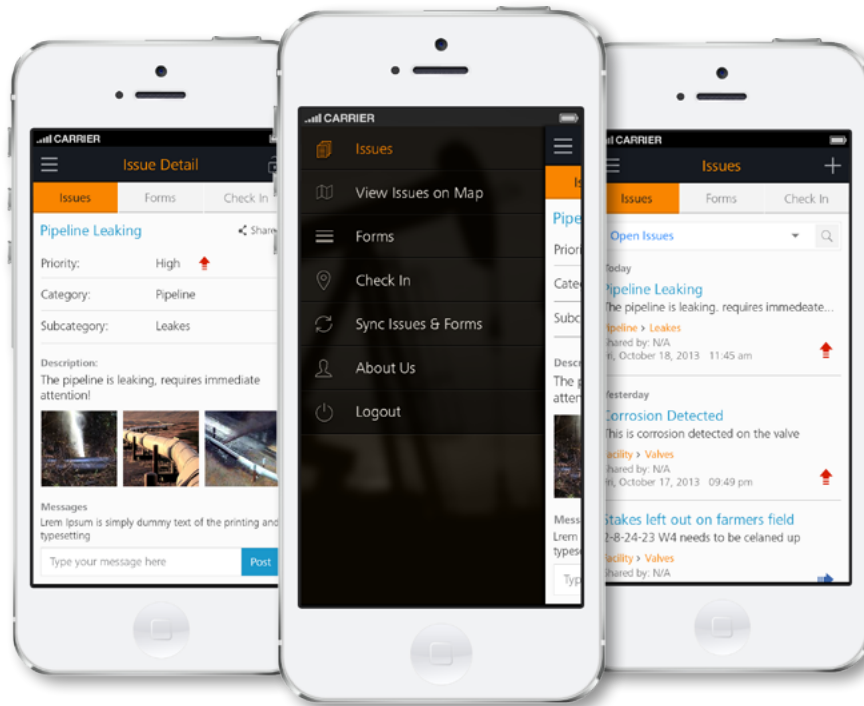
Field agents or supervisors can easily fill out forms, click images, share inspection videos on their mobile device with the help of the Oil Field Inspection Solution App and have the data uploaded within real-time on the app ensuring zero loss or misplacing of data which is highly possible by manual data collection. Thus, collecting, storing and sending data as well as tracking and resolving issues between various departments can be performed in a single click.

Check-Ins:

With the help of this app, you can easily check into facilities and locations with the push of the button. The administrative staff is provided with access to log in and maintain tabs on all employees and field inspectors who have checked in. Also, if anyone is working at a risky location, the employee can instantly click the emergency button and send notification alerts to the field supervisors.

Features

Oil Field Inspection Solution assists companies at organizing their inspection data effectively and making it easily accessible which ensures on-demand intelligence, better information flow and increased field-force productivity.



- Cloud and mobile solution that syncs vital data in real-time with the admin panel
- Spotting and prevention of failures and accidents with digital inspection, rounds and EH&S procedures
- Inspection forms and checklists to conduct complex and detailed inspections
- New issues regarding images, notes and videos can be directly recorded on your mobile device
- Field inspectors can assign priority levels to any issue
- Built-in GPS enabling check-ins for inspectors as well as employees for monitoring work productivity
- Cost-effective strategy for monitoring remote, non-instrumented assets thus guaranteeing equipment reliability
- Oil Field Inspection solutions can be accessed from anywhere on your mobile devices
- All your data is SSL-encrypted and regularly backed up for privacy and security purposes

Benefits

Oil Field Inspection Solution App is the ideal tool for your field inspection needs as it facilitates

Continuous Real-Time recording of data

- No more spreadsheets for collection and submission of data it is easily traceable and documented accurately on the app
- Ticking off checklists, filling inspection forms, matching the respective images and constant filtering of critical information in real time schedules efficiency and resolves issues quickly

Improved safety and regulatory compliance through

- Usage of approved operating and safety procedures
- Location-tracking which ensures all required checks and inspections have been performed
- Cloud-based documentation of safety and regulatory inspections which guarantees no loss of data

Accurate Production of Data through

- Digital collection and validation
- Automatic transfer of collected data to the central admin and senior management with in real-time
- Cloud-based documentation of safety and regulatory inspections which guarantees no loss of data

Lower maintenance costs and unscheduled downtime through

- Strict inspection of equipment and operating procedures which prevents any early deterioration of assets
- Real-time equipment monitoring solutions that improves performance with the help of predictive fault detection thus maximizing long-term performance and availability



Contact

Powering the Future of business with comprehensive Mobility Solutions

Mobisoft works with businesses to enable them to gain flexibility, increase productivity, and reduce costs with end-to-end mobility services. Our enterprise mobility services cover all your mobility needs from strategic planning to device management to end-user application.

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NASA
Space Health Challenge



CES
Best Energy Monitoring App

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