



PETROLEUM SPECIALIZED INSPECTIONS CORP.

CASE STUDY

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Petroleum Specialized Inspections Corp. (PSI) inspects oil rigs all over the world, often in remote areas only accessible by helicopter. Inspectors are often booked for multiple inspections which could require them to fly to the middle of the ocean to an oil rig in South Africa, then off to Australia to conduct another inspection.

Prior to using Field Eagle, PSI conducted inspections using pen and paper in the field. This method resulted in a time-consuming process for creating client reports as inspection data needed to be manually entered into a spreadsheet so that a report could be created. Report delivery to clients took one month. Since PSI would only get paid by their client when the final reports were completed, shortening the inspection-to-report time would have great business value, freeing up time to take on more clients and conduct more inspections.

Additionally, as PSI's business grew, the need to take on more inspectors created a new problem: training. An incomplete or inaccurate inspection would delay the report deliverable, eating into profits by having to return to the inspection site to complete the inspection. With novice inspectors, the risk of this scenario needed to be mitigated.





PSI required a digital solution to streamline their inspection-to-reporting process, eliminate inspection errors and inaccuracies, and provide in-app training for new hires. Furthermore, the solution needed to be a scalable, robust, high-performance and configurable application to support the inspection business for many years to come.

Field Eagle's inspection and audit platform provided PSI with the core requirements needed to support its inspection business.

Core Field Eagle features that helped PSI

- The ability to create multiple templates and multiple inspection types for any asset
- Unlimited hierarchy levels
- The ability to answer questions in many ways (yes/no, multiple-choice, text input, etc.).
- Capture photos to attach to inspected items
- Robust synchronization that will work independently of the quality of the internet connection
- An easy-to-use admin tool to configure inspection templates, where most functionality is available on one screen.
- The ability to edit inspections through a web-browser
- A reporting module to facilitate report creation
- Attach documents and media to inspection items



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By using Field Eagle, PSI was able to create templates in their online admin portal and assign inspections to the inspector's mobile device in the field. Once an inspection was complete, it could be synchronized back to the head office where reports could be generated instantly. The reporting time went from weeks to hours allowing inspectors to focus on completing more inspections.

Training documents and videos could be attached to each inspection item to guide novice inspectors in the field. The training automation allowed for easy onboarding, faster inspection times allowing inspectors to do more work. Additionally, PSI had the ability to configure Field Eagle so that incomplete inspections could not be submitted, ensuring that the inspectors didn't miss any inspection items or left them partially incomplete. Incomplete inspection items are highlighted on the tablet so that inspectors can easily see them and complete the inspection in a timely manner.

Reporting time went from weeks to hours, allowing inspectors to focus on inspections.

Petroleum Specialized Inspections Corp. (PSI) is an independent specialized company providing professional consulting and inspection services to the oilfield and marine industries globally.

PSI inspectors have extensive auditing and inspection qualifications, having undertaken and completed a wide host of project management, auditing and inspection services for many customers globally. PSI's qualified engineers and inspectors give the company the ability to provide an extremely high standard of tailor-made services for its clients.



FIELD EAGLE

Field Eagle is a tablet-based inspection solution developed by Konverge Digital Solutions. Its benefits include:

- reducing paperwork
- speeding up the inspection and reporting process
- incorporating corporate and regulatory standards into the inspection process.

Field Eagle allows clients to reduce enterprise risk, enable preventative maintenance and create a new source of operational data. Field Eagle's template-based design makes it suitable for inspections of virtually any process.

a **Konverge** solution



The Field Eagle System digitized and streamlined PSI's Inspections