

CUSTOMER CASE STUDY

Manufacturer Cuts High Compliance Costs With Innovapptive's mInspections



About the Client

Industry: Heavy Manufacturing

Headquarters: Midwest

ERP System: SAP

Overview

The client is a Midwestern-based heavy manufacturer. The company had experienced several safety incidents in recent years as well as environmental compliance issues. These problems led to several large fines and penalties. The regulatory concerns not only put a crimp in the organization's bottom line, but they also endangered the company's relations with the local community and hurt recruiting and retention.



A High Price

Environmental and safety regulations cost an average manufacturer **\$10,497** per worker.

National Association of Manufacturers

A new management team determined to solve these nagging problems. Looking through the books, the company discovered they were spending far above the industry average to comply with federal, state, and local safety and environmental laws and regulations. Yet despite that spending, their compliance record was poor, at best. Something had to change. The organization needed to not only improve its safety and environmental record but also get a better return on the dollars it was spending for compliance.

Challenges the Client Faced

The new management team ordered a thorough study of their plants' compliance programs. The daily safety and environmental inspection process was included in this study. Despite the previous management being committed to operating the most technologically advanced facilities in the industry, the inspection process was using an outdated and obsolete method to conduct its tasks.

Plant safety and environmental inspections were still being done via paper forms and checklists entered into a back-office system. Management's study found this archaic process was causing many problems that negatively impacted the speed and effectiveness of the inspections:

- Paper-based inspections were taking too long to complete, key sections were not always being filled out properly, and data entered was not always accurate
- Using paper resulted in the completed forms not reaching decision makers for review and action in a timely manner
- Once reviewed, these paper forms are filed and the valuable information they contain became difficult to access and analyze
- Dozens of pages for hundreds of checkpoints were being archived without detailed analysis
- Paper forms are difficult to change when regulatory or business needs shift



Heavy Compliance Burdens

63% of manufacturers report spending more than **2,000 hours per year** complying with federal regulations.

National Association of Manufacturers

The study concluded the company's safety and environmental compliance programs suffered several serious performance issues due to its reliance on paper-based forms. These problems included:

- No real-time visibility into the current status
- Communication delays
- More opportunities to overlook things
- Data gathering and sharing silos
- Greater chance for errors
- Misplaced or lost data
- Manual entry into ERP

Ultimately, the new management team learned that the compliance department was spending a lot of time, effort, and money, but having little positive impact. The fault didn't necessarily lie with the inspectors, but with the outdated system they were using. Upper management resolved to remedy this as soon as possible. They decided to immediately explore the digital transformation of its safety and environmental inspection process.



What the Client Wanted

The company sought to replace its problematic paper-based inspection process with a mobile-first solution. It wanted a third-party vendor solution that would enable its inspectors to:

- Digitally collect and share information during safety inspections
- Eliminate paper and clipboards
- Increase data clarity and lower the risk of data loss

The solution also had to:

- Provide real-time operational visibility enterprise-wide
- Support knowledge-based decision making
- Deliver flexibility and agility to act quickly in any situation

Any vendor selected needed to deliver:

- Quick, painless implementation
- The capability to digitize forms
- Greater mobility with solution access via consumer-grade smartphones
- Online/offline functionalities with rapid synchronization

- Scalability to grow with the company
- Superior UI/UX and be easy to learn

Finally, the manufacturer was interested in exploring a Cloud-based, software-as-a-service (SaaS) option. The company believed such an option would reduce operating costs and provide greater utility in use.

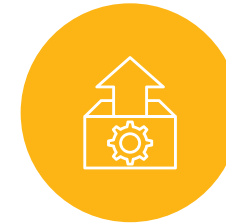


Why the Client Selected Innovapptive

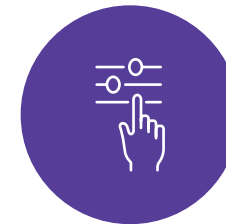
The manufacturer opened a search for a mobile inspection solution that could meet its needs. Decision makers came across Innovapptive and viewed an online demonstration of its mInspections application. The company liked the platform's robust capabilities, especially the following five differentiators:

- **Offline capable:** Allows frontline workers to continue working without a public or Wi-Fi network
- **Operational dashboards:** Delivers real-time visibility into operations for managers and supervisors, driving better decisions
- **Industry personas:** Provides all the features for frontline workers in production, maintenance, and warehouses to work safer and more efficiently
- **No-code/low-code tools:** Enables rapid scaling of the solution across operations and countries without the need to write code
- **Digital forms:** Digitize end-to-end work processes with checklists, SOPs, work instructions, safety documents, and training

The client's management was also impressed that Innovapptive offered:



An easy-to-deploy and maintain solution



Simple customization, configuration, and scalability



Intuitive UI and positive UX for administrators and frontline workers

The clincher came in Innovapptive's ability to deliver a Cloud-based, SaaS solution that could operate as a standalone application or be integrated with SAP if desired. This meant lower operating costs.

Innovapptive's Solution

Innovapptive's mobile inspection solution empowers manufacturing companies to boost safety, reduce environmental incidents and respond to regulatory compliance needs at the speed of light.

mInspections is a completely digital, highly agile, dynamic, and code-free inspection platform. No paper, clipboards, or binders are required. The platform is tied to the Cloud, giving users the ultimate freedom to collect, share, and disseminate inspection data enterprise-wide without being tethered to a back-office ERP (although it can be integrated with one if so desired).

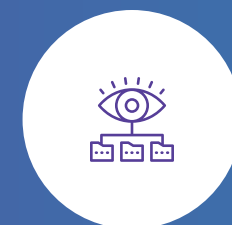
Benefits of Innovapptive's mInspections



Eliminate paper and clipboards



Log data in real-time



Display and enter operations data across the corporate network



Attach documents and instructions



Take and upload photographs and videos, and edit documents in the field



Validate field values instantly



Respond to alerts without having to return to the office or a PC

Here's how mInspections works. In the office, the manager or supervisor can plan, schedule, and issue an inspection, configuring a digital form to meet the company's business needs, in less than 30 minutes thanks to Innovapptive's patented Rapid Application Configuration Engine (RACE™). RACE permits a user to quickly and easily create, edit, and deploy digital forms, even if the user has little or no coding or technical knowledge, or experience.

Moving out into the production floor, a technician completes the inspection or round in a 100 percent digital manner – no paper or manual data entry is required. The technician instead uses the convenient portability of a mobile device, such as a smartphone or tablet, to perform the inspection or round in the field.

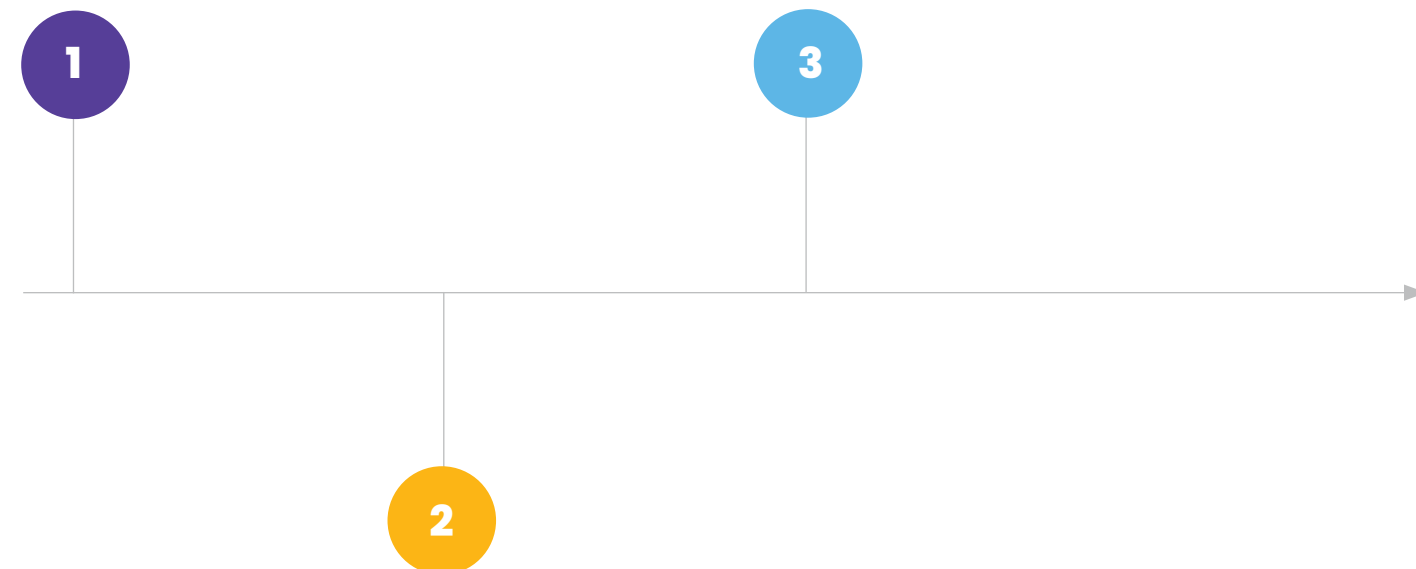
Data is uploaded automatically to the Cloud as it is entered. Managers and supervisors may follow round progress in real time, gaining valuable visibility into conditions at the plant and a head start on making knowledge-based decisions on potential remedial action to take if needed.

Planning and scheduling

- Fully digital planning and scheduling based on templates
- Define, customize

Post-execution

- Real-time data capture and execution progress
- Raise notifications directly from the app
- Auto-create work orders



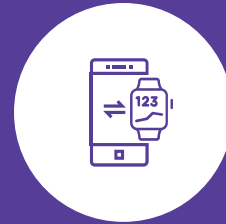
Execution

- View and execute tasks from one place
- Digitally access standard procedures and documents
- Work in online and offline modes

What sets Innovapptive's mInspections apart?



Streamlined form creation using drag-and-drop interface with mobile preview capabilities.



Instant alerts based on real-time conditions.



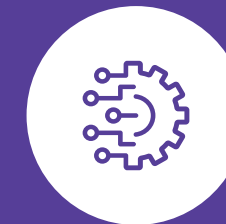
Automated generation of reports and dashboards.



Customizable PDF reports that can be sent to predetermined email addresses.



Capability to report issues and initiate actions directly from the facility.



Real-time integration with ERP systems.

Results

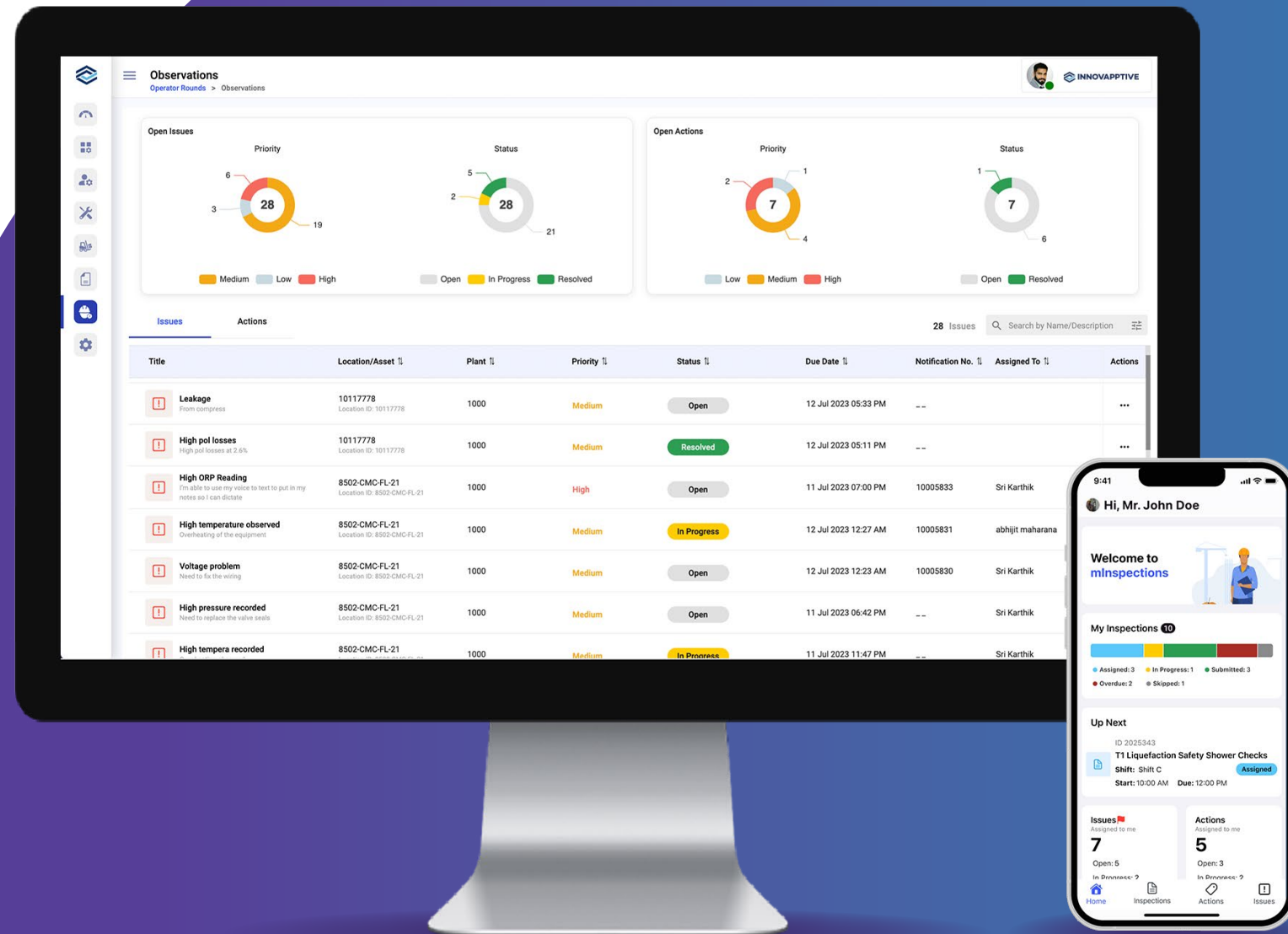
After adopting the Innovapptive mInspections solution, the client reported the following results:

100%
accuracy in data capture

50%
lower inspection form development cost

35%
improvement in safety and compliance

30%
Improvement in asset reliability



Partner With Innovapptive to Increase Safety While Cutting Costs

Your business and expertise are manufacturing; ours is connecting workers and improving operational visibility, data accuracy, and workplace safety. Working together through Innovapptive's mInspections solution, let's successfully start and complete your journey to a more efficient, productive, and safe manufacturing enterprise. Call **844-464-6668** or [schedule a free demo](#) to see our mInspections solution in action today.



Innovapptive Inc.

24 Greenway Plaza, Suite 1501
Houston, TX 77046
USA

Produced in the United States of America.2023-217

© Copyright Innovapptive Inc. 2023 All rights reserved. The word and design marks set forth herein are trademarks and/or registered trademarks of Innovapptive and/or related affiliates and subsidiaries. All other trademarks listed herein are the property of their respective owners. This document is provided for informational purposes only and does not constitute a commitment to you in any way. The information, products and services described herein are subject to change at any time without notice.

www.innovapptive.com.

