



HVI Platform

Case study – How Equipment Management Department ensures Faster Deployment with Decreased Costs

Industry: Check Oil

Country: Bolivia

Solution: HVI™ platform

The Challenge

Heavy Equipment/ Vehicle Maintenance departments and operators faces increasing pressure to provide services on time and save the Equipment downtimes. Reducing costs, optimizing the performance of the Vehicle/ Equipment assets, and improving the response time to customer!

There is an urgent need to faster recording of the day-to-day activities of the technicians with better quality of information. Also, an insight into what they work on and identified priority of Maintenance work. These reports need to be conveyed to the decision makers to ensure the managers have complete visibility into the Workshop and on-field Equipment.

The current Inspection Maintenance procedures are convoluted with innumerable processes and stages involving reams of paperwork to be completed on each stage without in depth images/ videos, Geo tags. This poses a major obstacle for the Equipment Operators, back office field technicians. They are caught up with heaps of paperwork to look at Inspection data, schedule Vehicles and perform Work orders on business priority and revenue impact basis which becomes cumbersome at the end of the day. The paperwork impedes them from being productive by not allowing them to visit more locations in a given day or focus on optimization of Assets.

While enterprise mobility was identified as a reliable solution, the company faced a major hurdle as their locations were remote with just a spotty network coverage.

The Solution

GO Digital on Inspection, Administration and repair process

JRS Innovation – HVI Platform was identified as the best possible solution available in the market. The out-of-the-box capabilities and the ease offered by HVI solution were incomparable.

HVI Mobile App, Web Portal and Digital Displays ability to handle high data volume, auto data sync, and data orchestration all in offline mode was quite appreciated. The greatest feature provided was the Collaboration platform to being everybody on same page which greatly benefit the company's unique business process.

The Heavy Vehicle Inspection app helped the company to:

- Generate Detailed Inspection Records using App quickly
- Driver/ Operator can follow his Machine's current status of Maintenance
- Effortlessly capture the images, videos and notes using Voice command
- Real-time Posting of the Inspection documents, work orders, schedules to portal
- Back office is immediately notified by system on arrival of New Reports from Field staff
- Inspection capabilities were enabled in offline mode
- Enabled high-volume data processing on multiple devices by multiple employees

- Ensured that data sync, data orchestration, conflict management, and error management are handled seamlessly
- Analytics provided with Key Performance Indicators related to Repair, Replacement and Safety concerns on the Equipment's

The app sent notifications with complete inspection document when work was assigned to a field technician. This empowered the manager to set priorities according to the urgency and the importance of the work using the App or Web Portal.

HVI delivered the most technically advanced and intuitive Inspection Maintenance management system. The app empowered the Operators, technicians with the tools they needed to efficiently manage their day-to-day operations and maximize company profits.

The Business Benefits

Faster deployment with decreased Costs

There is no time taken to implement the solution. The App download and initial setup was simple. Buy subscription plan and within one week time all data is ready to get the first Field Inspection and release a WorkOrder.

Enhanced Efficiency

Operators could do safe operations with deployment of HVI solution as they did not work with any unsafe conditions and all Equipment information is available to back office in real-time increased Machine uptimes. This resulted in greater operational efficiency and boosted productivity throughout the company.

Improved Usability

Sophisticated Portal and App offline capabilities with high-volume data processing and relevant data sync and orchestration dramatically improved the company's Assets upkeep.

About Heavy Vehicle Inspection Platform

Heavy Vehicle Inspection (HVI) PORTAL is a secured system connected to Cloud backend. The master subscription email maintains the details of Customer and provide a real time data synchronization between Android, iOS and Web Application. All inspection documents, Maintenance requests or Schedules used by multiple operators can be submitted from anywhere using multiple devices and multiple employees spread across geographical locations.

The HVI Mobile App can be downloaded here - [Download](#)

The portal is compatible with latest google Chrome and Microsoft IE 11 (Internet Explorer). Use below URL to login to the system. If you do not have the subscription, please use same link and below login, click on 'VIEW DEMO'. The demo account has a fleet of 50 + Equipment, multiple Inspection, maintenance, schedule and checklist Records.

[PORTAL LINK](#) or (<http://heavyvehicleinspection.com/portal/portal.html>)