

Heavy equipment inspection and maintenance – Learn how Latest Technologies can help your company. How equipment and vehicle fleet’s Digital transition and record keeping can put your business in frontline and make it ready for future growth.

Industry: Construction, Mining, Earth Moving, Oil & Gas, Workshops, transportation and distribution, Supply Chain (Solution: HVI™ platform)

## *The Challenge*

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

For example a Public bus transport services failure impacts the business in multi dimension. On job failure is not simply a maintenance issue, it impact the overall reputation of the company.

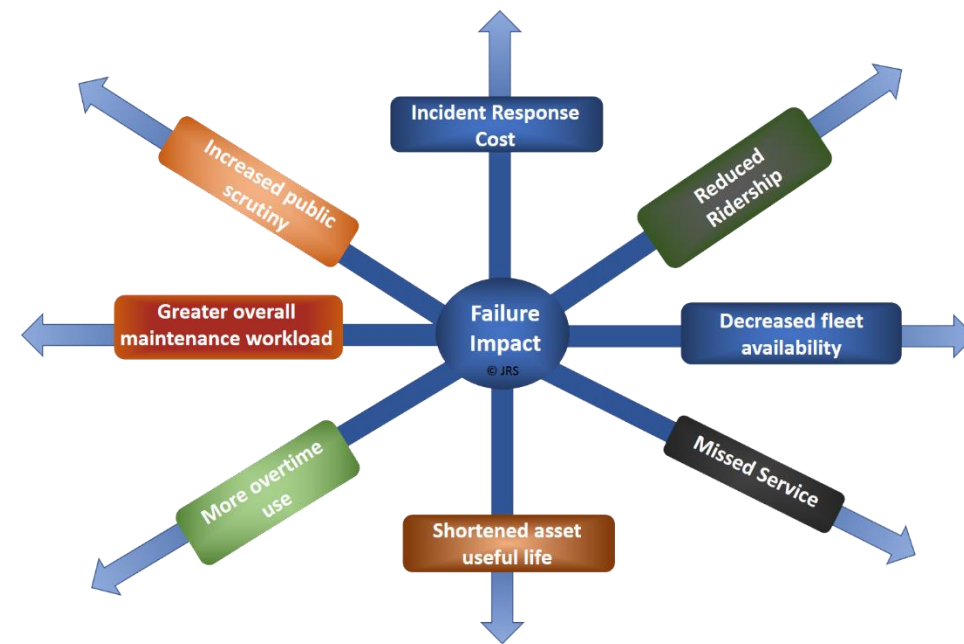


Image # 1 – Failure Impacts

There is an urgent need to paper free and faster recording of the routine inspection results of Operators, Drivers and Maintenance activities of the technicians with better quality of information. Also, an insight into what they work on and identified priority of Maintenance work with full details on past records. These reports need to be conveyed to the decision makers to ensure the management have complete visibility and can access very detailed level records.

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 notes, 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 do ‘real job’ in a given day or focus on optimization of Assets.

## *The Solution*

### **GO Digital on Information collection and record keeping**

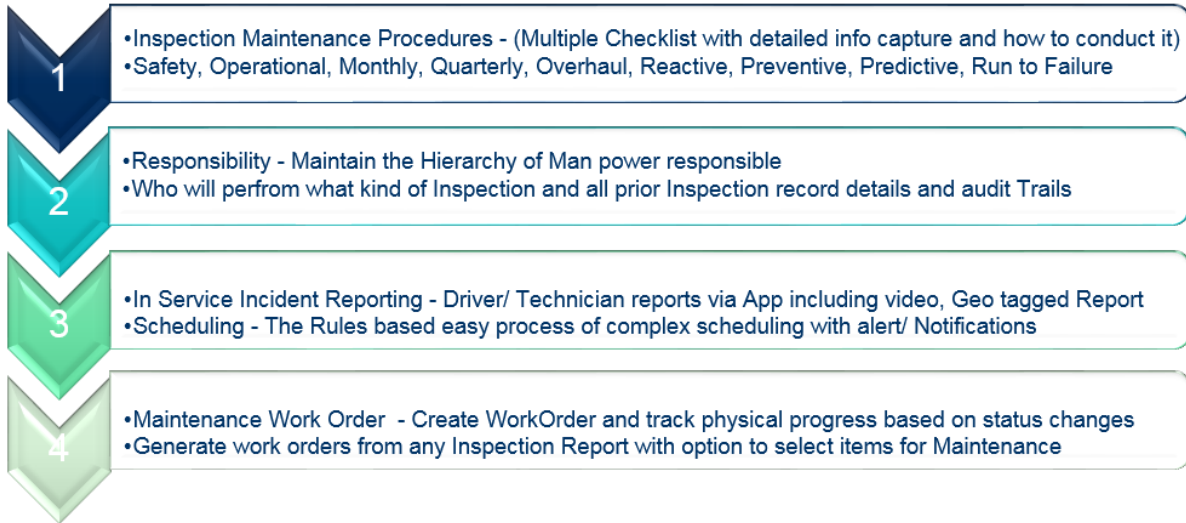
Digitally manage Inspection, Maintenance Management and Equipment life cycle. Identifying right software solution is key to a successful achievement of this transformation. JRS Innovation – HVI secured cloud Platform is one of the best possible solution available in the market. The out-of-the-box capabilities and the ease offered by HVI solution are 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. Latest digital Collaboration platform to bring everybody on same page which greatly benefit the company's unique business process. 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 Heavy Vehicle Inspection Mobile app and Web Portal helps companies to:

- Generate Detailed Inspection PDF records directly in App (offline too)
- 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 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
- Analytics provided with Key Performance Indicators related to Repair, Replacement and Safety concerns on the Equipment's
- Detailed entire life cycle of the Equipment with all past Inspection, maintenance Records

# Workflow of Asset Management



The app send notifications when work is assigned to a field technician. The technician conduct complete inspection and maintenance using detailed document checklists and make all information available over the cloud for all connected personnel in company. Having detailed PDF documents with marked, images, notes and videos empowers 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

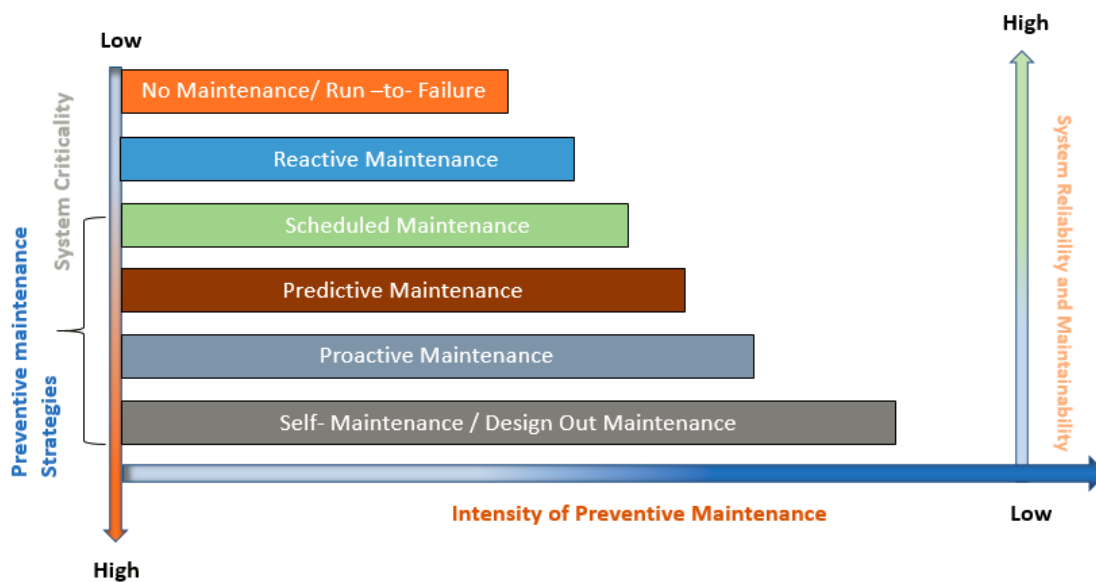
There is no time taken to implement the solution. The App download and initial setup is simple. Buy subscription plan and within one week time all data is ready to get the first Field Inspection and release of a Maintenance WorkOrder.

### Enhanced Efficiency

Operators could do safe operations with deployment of HVI solution as they do not work with any unsafe conditions and all Equipment information is available to back office in real-time increased Machine uptimes. Equipment operator/ Drivers are empowered with Mobile App to immediately report possible failures and submit routine inspection. This results in greater operational efficiency and boosted productivity throughout the company.

## Smart Maintenance

The Equipment Maintenance department is made available with meaningful data across the Equipment category. Over the time, HVI Analytics help them identify the best fit Maintenance strategy. Enable them transform to better maintenance approach based on equipment usage, failure patterns, past maintenance tracks and field operations deployment.



## Take the first step of Journey

Get a HVI Mobile App FREE trial here - [Download](#) and generate first quick Inspection document within 30 minutes from first start of App. Experience a very simple to navigate user interface available in multiple languages. 'View Web Portal Demo'. A fleet of 50 + Equipment, multiple Inspection records, maintenance, schedule and checklist Records.

[PORTAL LINK](#)

Reach us to help your organization, media enquires at [contact@jrsinnovation.com](mailto:contact@jrsinnovation.com)