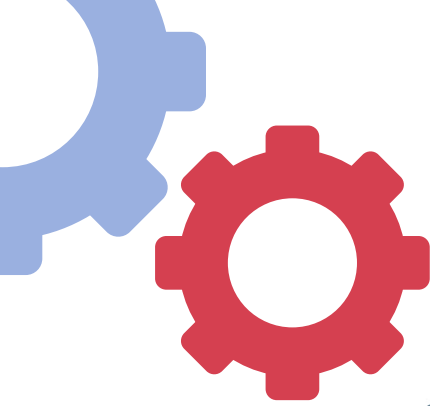
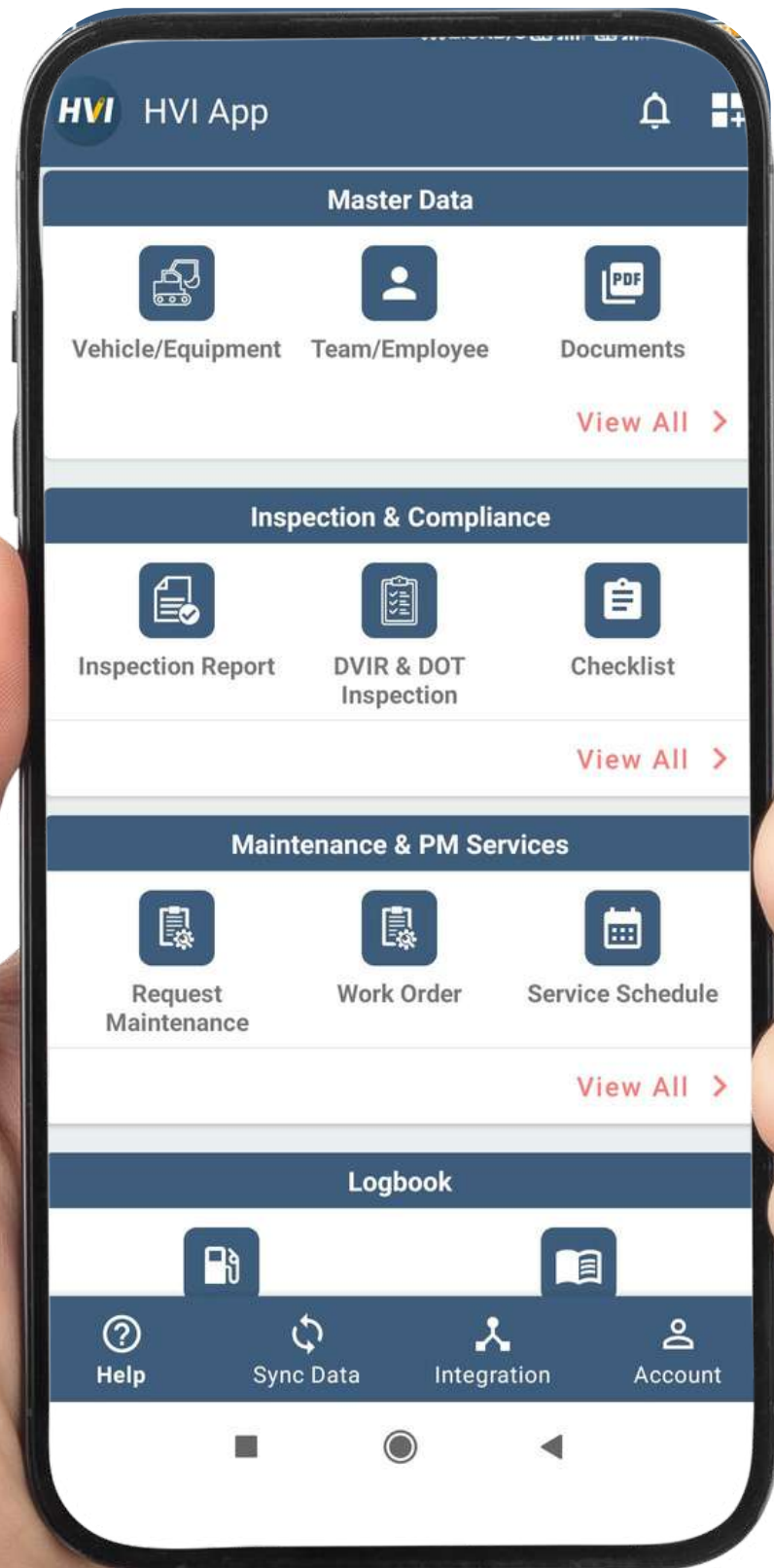




# HVI - YOUR

## All-in-One Solution Comprehensive Overview



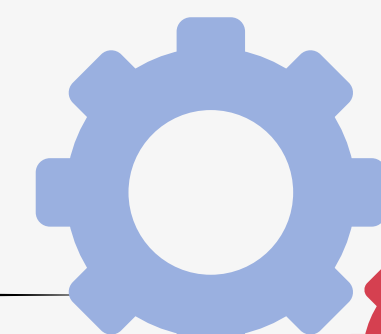
 [www.heavyvehicleinspection.com](http://www.heavyvehicleinspection.com)





# Transform Your Inspection and Maintenance Operations with HVI

**Get Ready with  
HVI Solution**





# Features of HVI

Inspection

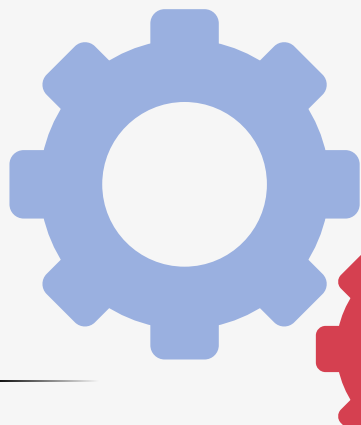
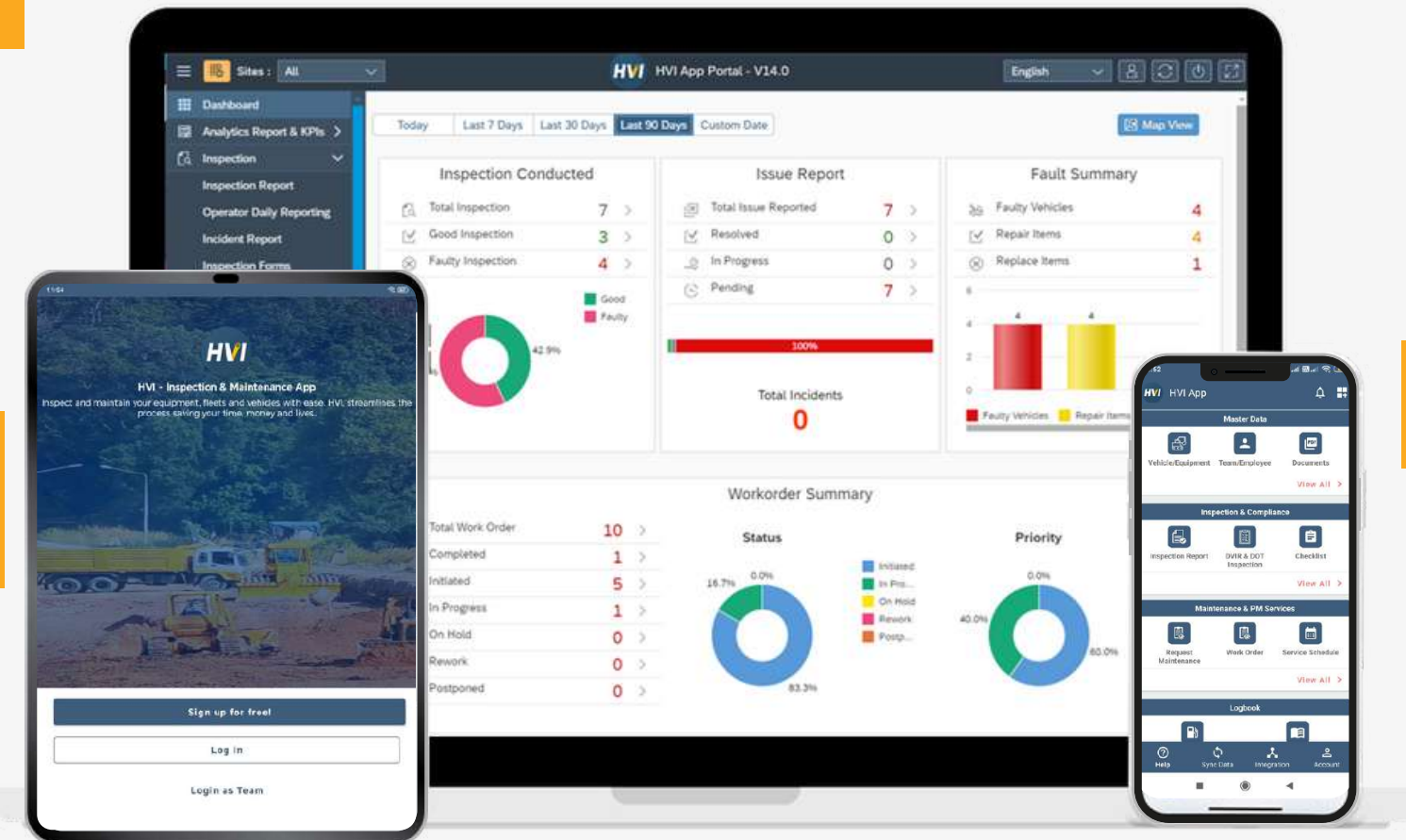
Fuel Management

Incident Report

Maintenance

Logbook

PM Scheduling



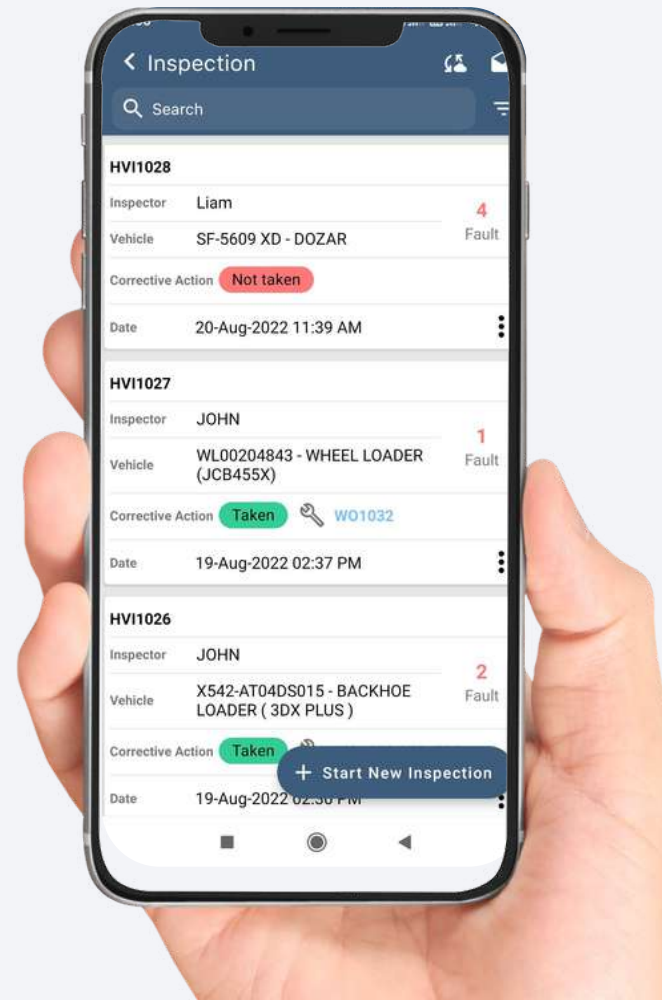
# Inspection Management



**Mobile access:** HVI be accessed on mobile devices, enabling users to conduct inspections in the field.

**Real-time tracking:** HVI provides real-time updates on the status of inspections, allowing users to monitor progress and receive notifications when inspections are complete.

**Data analytics:** HVI provides data analytics that allow users to track faults, identify potential issues, and optimize their inspection processes.



## Customizable inspection templates:

HVI allows users to create and customize inspection templates to suit their specific needs.

**Automated scheduling:** HVI offers automated scheduling of inspections, ensuring that inspections are conducted on a regular basis and not missed.

# Workorder Management



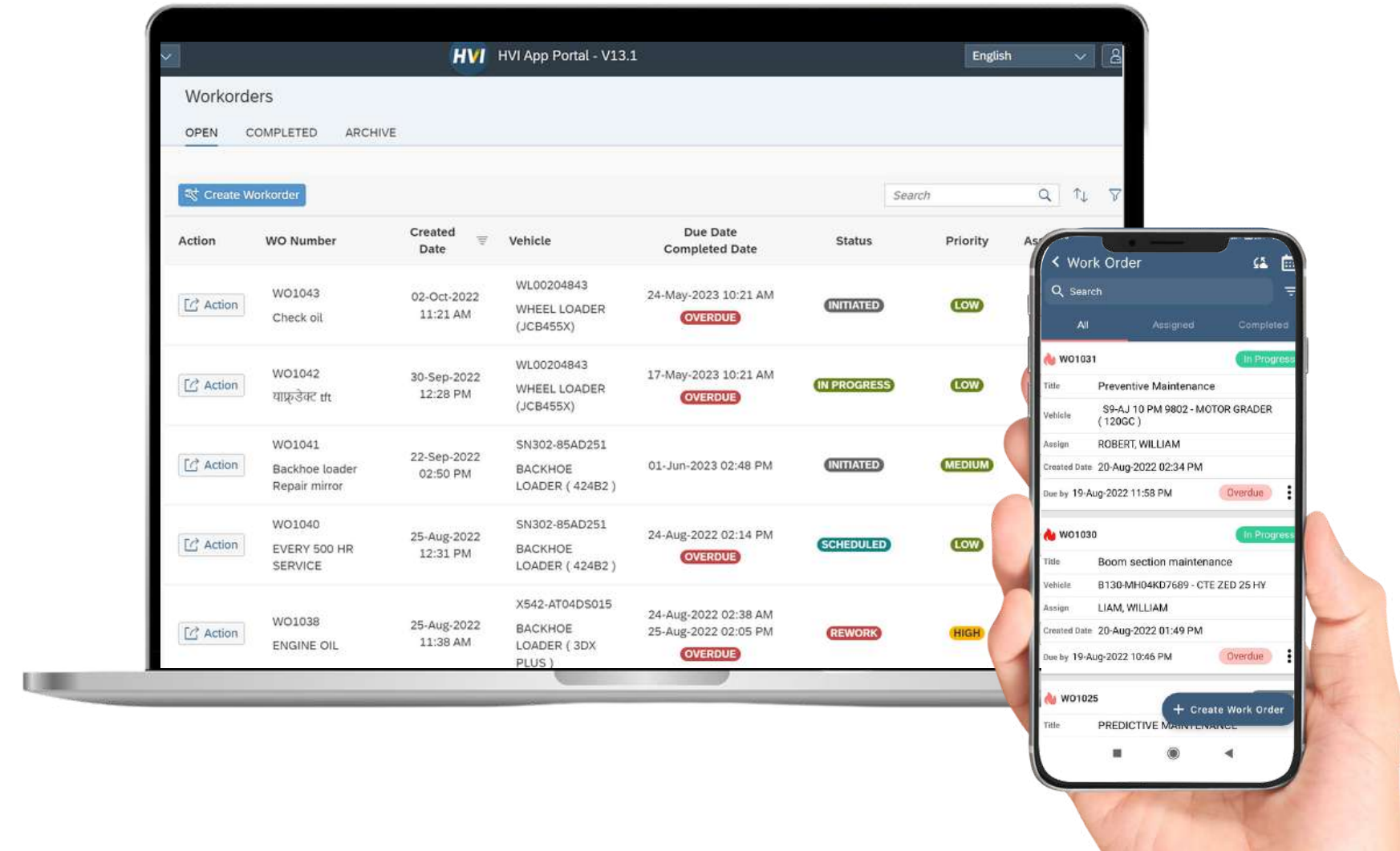
**Work Order Creation:** Easily create and submit work orders for maintenance tasks or service requests.

**Assigning and Tracking:** Assign work orders to specific technicians or teams and track their progress in real-time.

**Priority and Due Dates:** Set priority levels and due dates for work orders to ensure timely completion.

**Documentation and Attachments:** Attach relevant documents, inspection reports, asset images or miscellaneous images to work orders for easy reference.

**Work Order Status Updates:** Receive notifications and updates on the status of work orders, keeping all stakeholders informed.



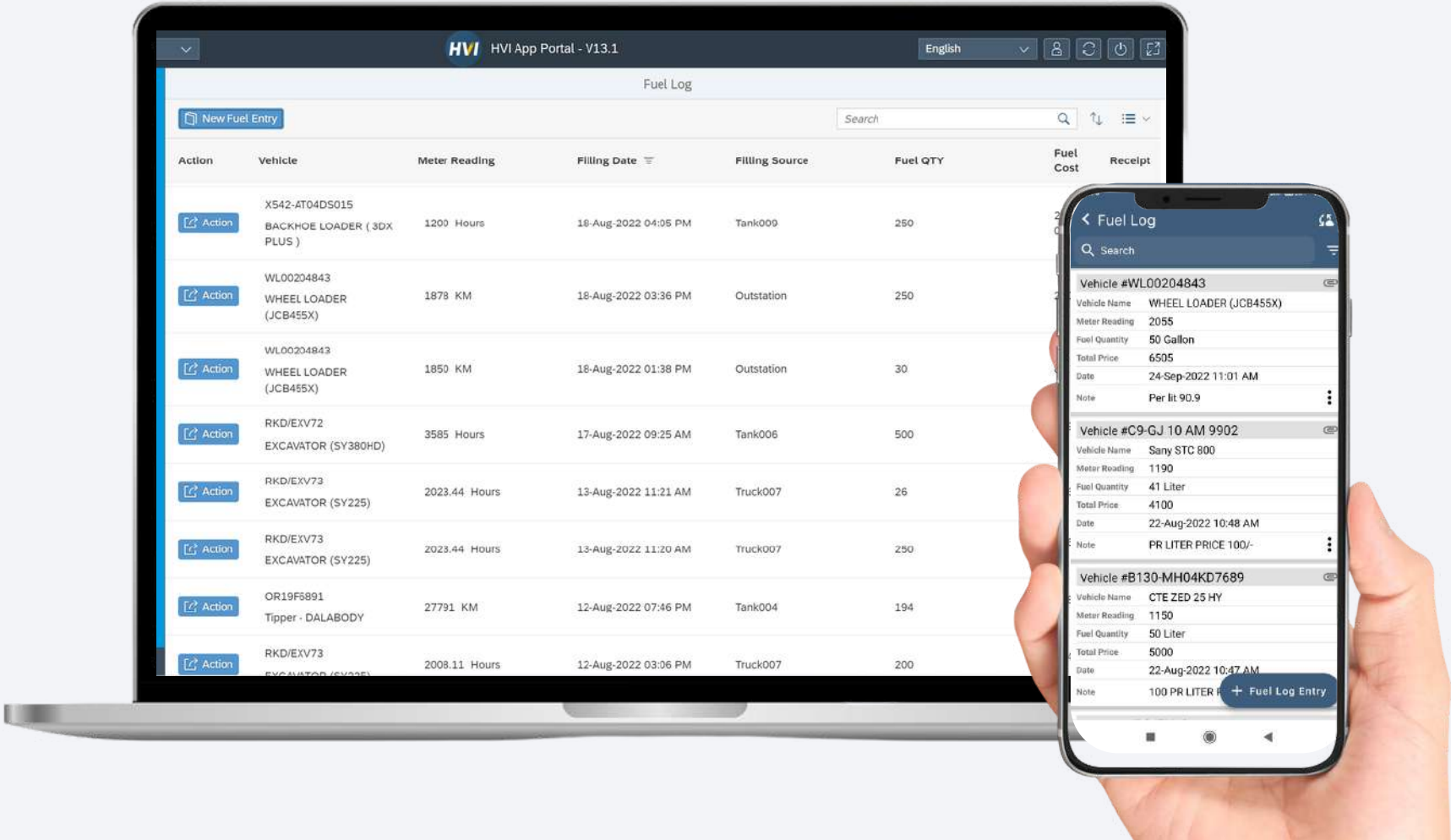
# Fuel Management



**Real-time Tracking:** HVI provides real-time fuel consumption updates, aiding on-the-spot decisions for optimized routes and usage.

**Visual Data Integration:** The image feature seamlessly combines images with text, enhancing understanding of processes and tasks.

**Efficiency Insights:** HVI analysis reveals consumption trends, allowing proactive efficiency improvements for cost reduction.



**Budget Management:** Set thresholds in HVI for fuel use, triggering alerts to ensure expenses align with budgets.

**Remote Access:** HVI's mobile accessibility facilitates remote fuel management, ideal for on-the-go decisions, especially for fleet managers.

# Vehicle Management

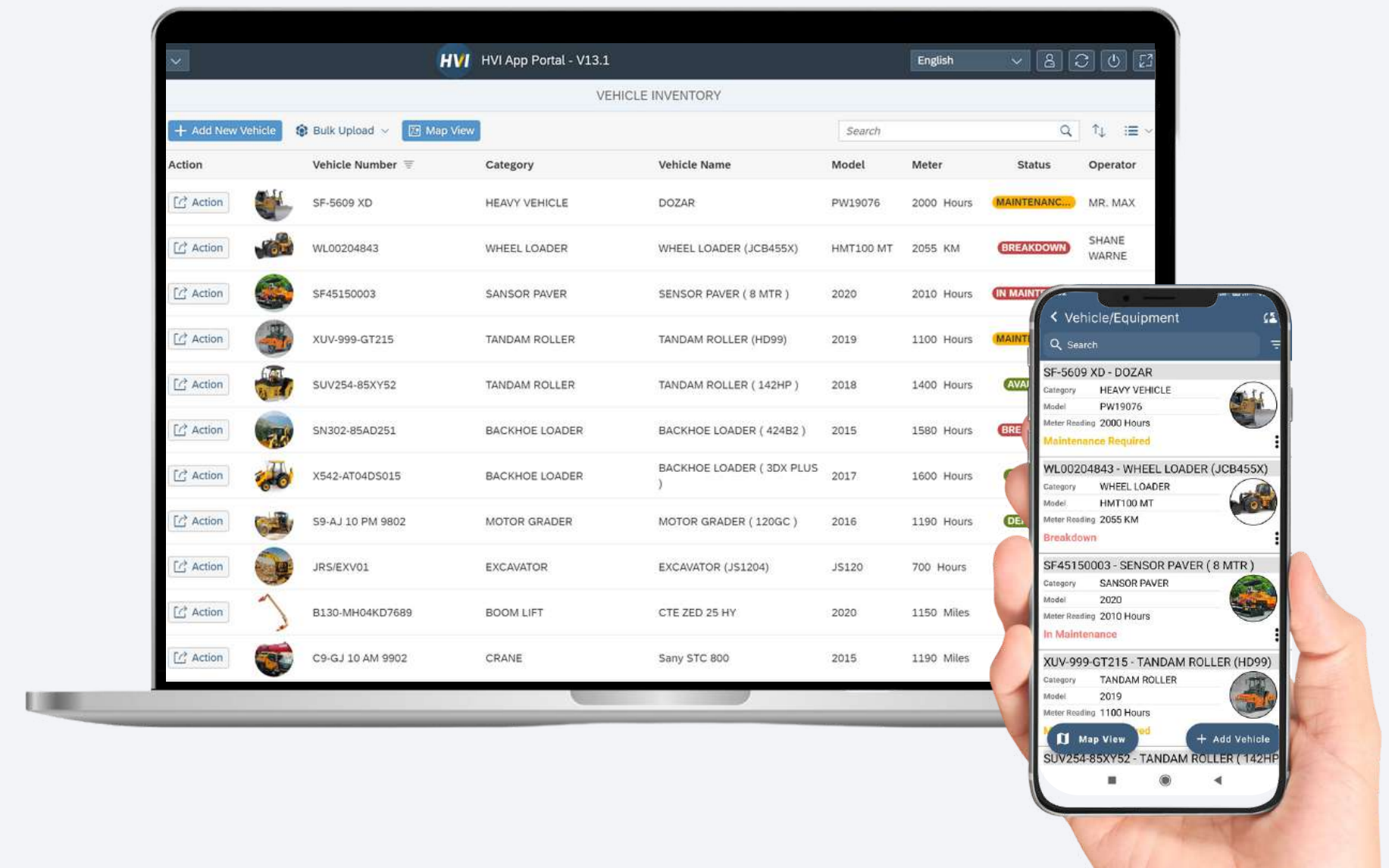


**Multi-site management:** Sort, view data, and organize users by site Roll-up all site data in real time and in multiple languages, and understand maintenance KPIs based on site

**Vehicle category:** Create custom categories to group similar Vehicles together

**Vehicle Tagging:** HVI enables businesses to assign unique tags or IDs to each Vehicle.

**User Access Control:** HVI allows businesses to control who has access to specific Vehicle information.



# Schedule Management

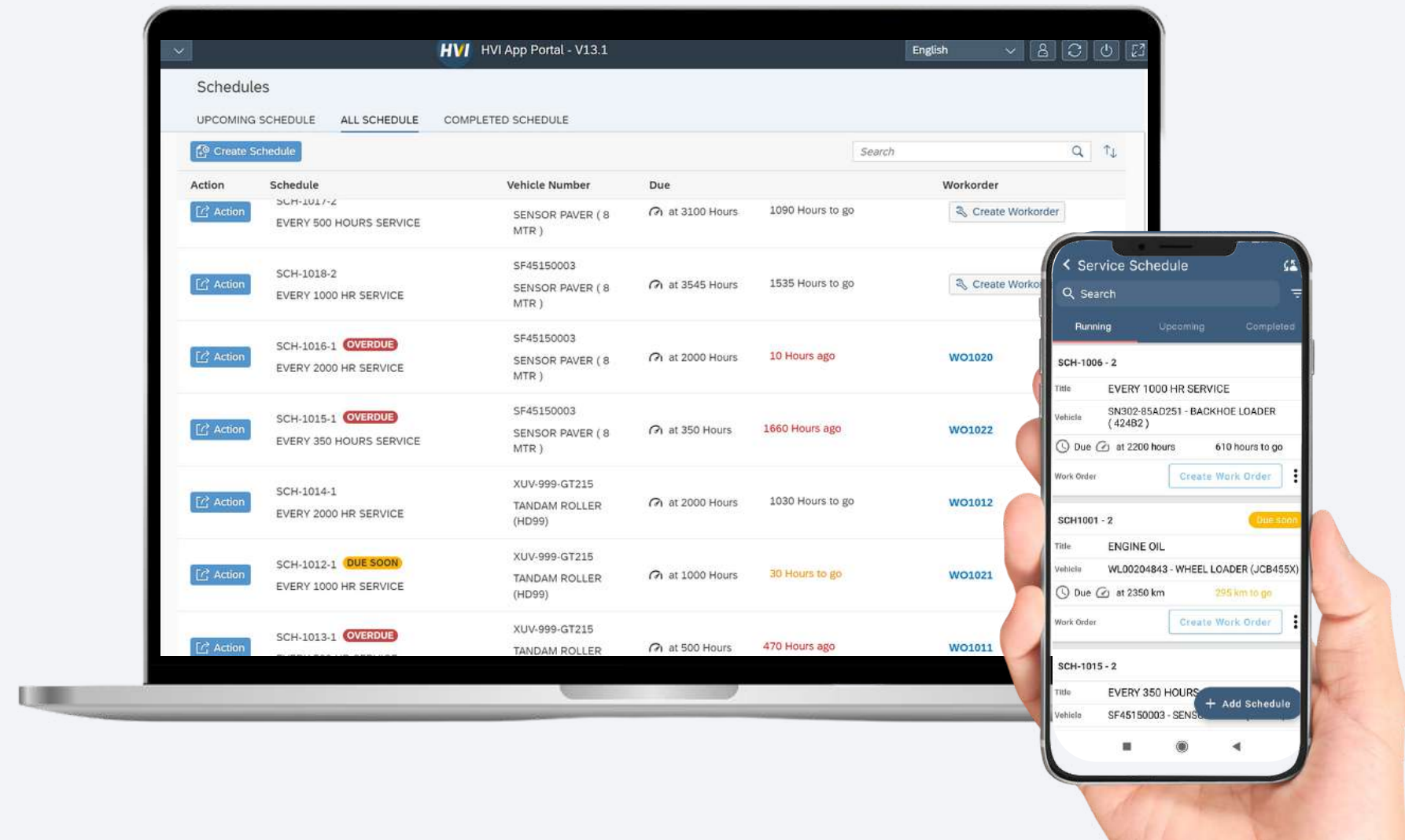


**Mobile Accessibility:** Manage schedules on-the-go with HVI's mobile access, ensuring instant updates and adjustments from anywhere.

**Real-time Adjustments:** Modify schedules in response to changing circumstances instantly, maintaining accuracy and adaptability.

**Task Prioritization:** Optimize resource allocation by prioritizing tasks within the schedule, focusing on critical activities.

**Collaborative Scheduling:** Foster team coordination with real-time sharing and updates, enhancing communication and alignment.



**Data-driven Optimization:** Utilize data analytics to refine scheduling based on patterns, enhancing efficiency and informed decision-making.

**Automated Reminders:** Set up reminders for upcoming tasks, ensuring timely execution and minimizing oversights.

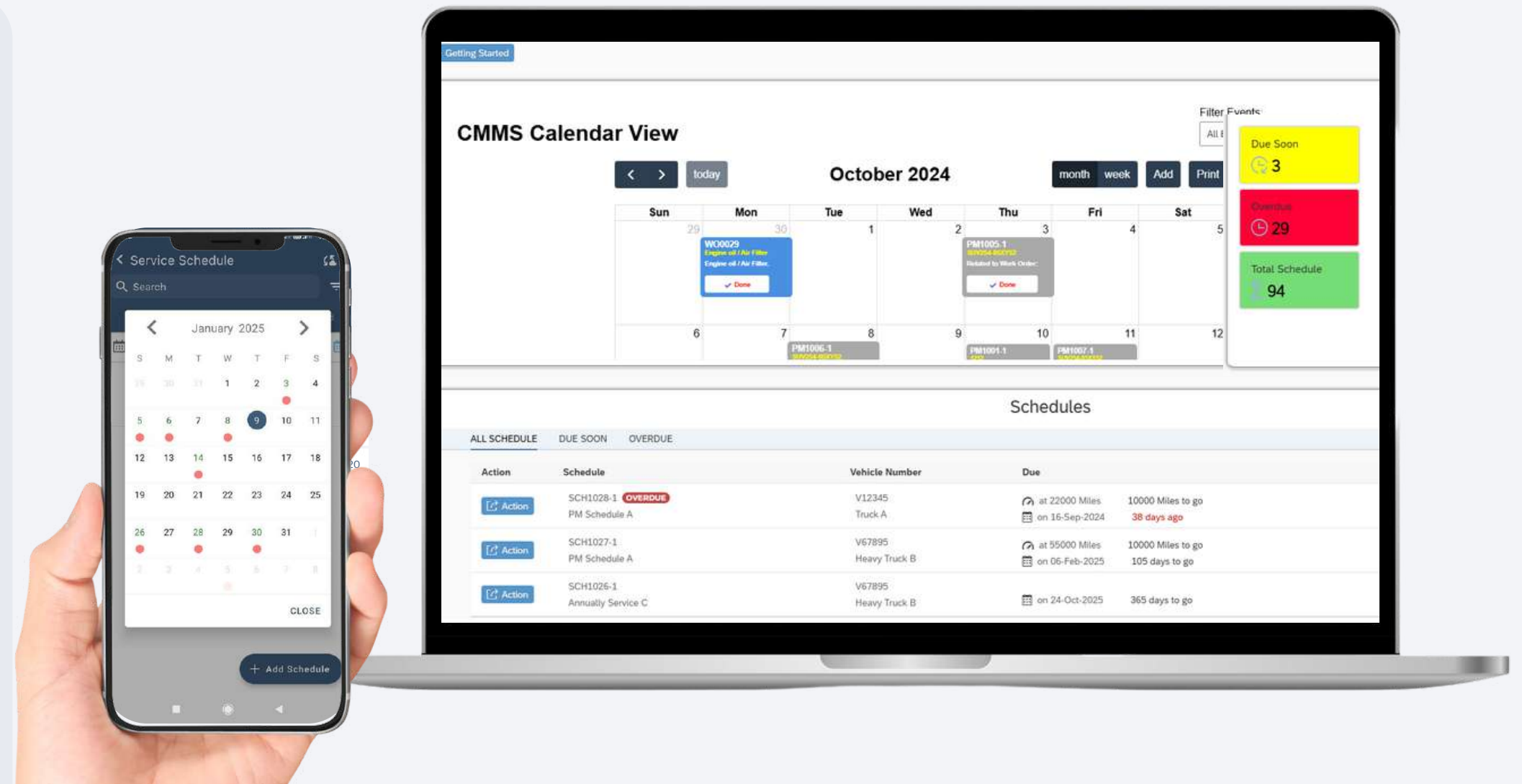
# PM Scheduling



**Automated intervals:** HVI ensures maintenance tasks are scheduled at optimal intervals, reducing downtime and preventing equipment failures.

**Custom criteria:** HVI allows for flexible scheduling based on usage, time, or condition, ensuring maintenance is tailored to each piece of equipment.

**Real-time alerts and reminders:** HVI sends timely notifications and reminders, ensuring all preventive maintenance tasks are completed on schedule.



**Comprehensive task lists:** HVI consolidates all scheduled activities into clear, actionable lists, streamlining the workload for maintenance teams.

**Performance optimization:** HVI's PM scheduling contributes to improved operational efficiency, prolonging equipment life and minimizing long-term costs.

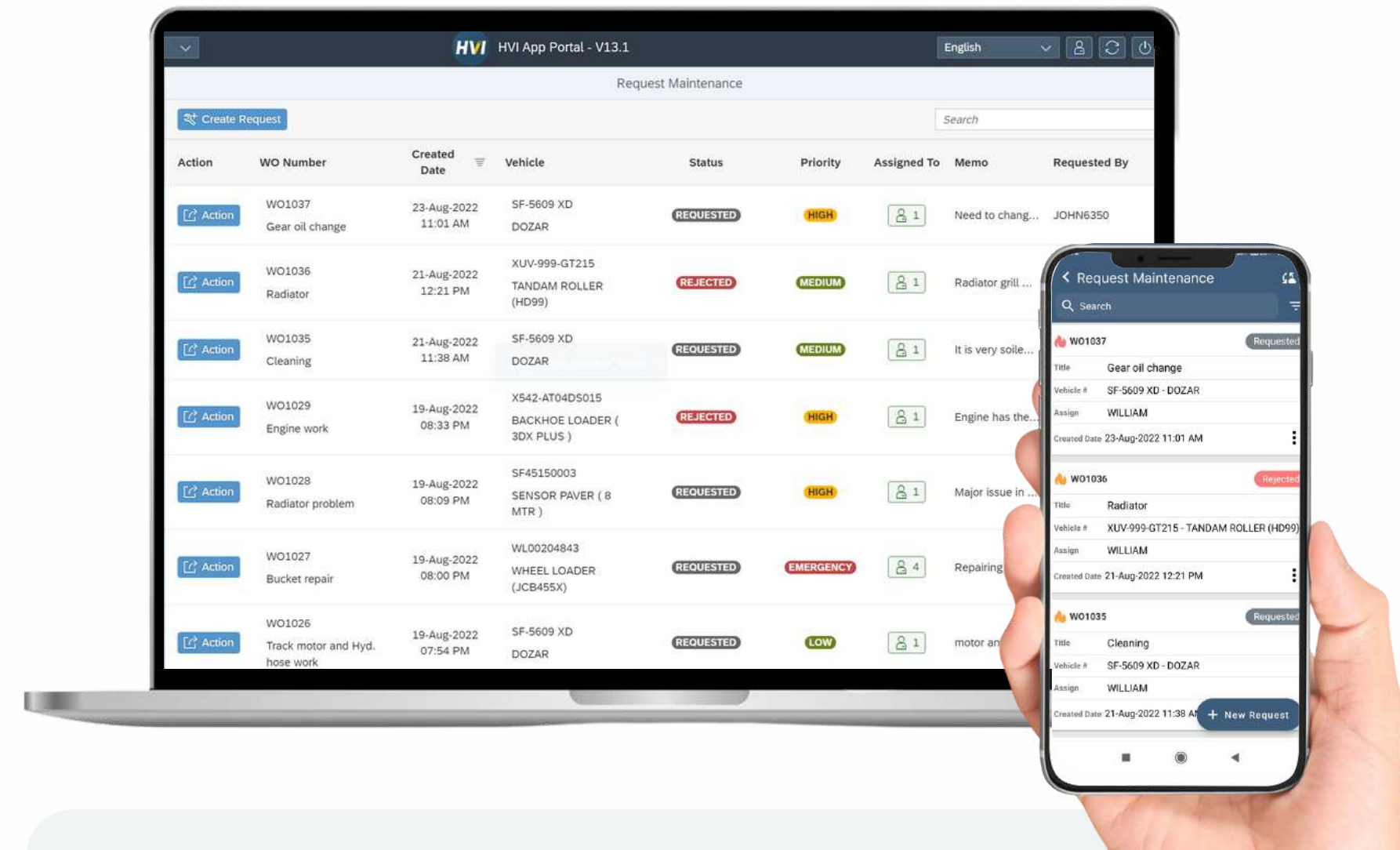
# Request maintenance



**Online work request portal:** HVI provides an online work request portal, enabling users to submit maintenance or service requests conveniently and securely, regardless of their location or the time of day.

**Status tracking:** HVI provides real-time status updates on work requests, allowing users to monitor progress and receive notifications when tasks are complete.

**Prioritization and scheduling:** HVI allows users to prioritize and schedule work requests based on urgency and available resources.



**Automated request routing:** HVI's intelligent work request routing system automatically assigns tasks to the right personnel based on equipment location and priority. This streamlines request handling, leading to faster response times and optimized resource allocation.

# Incident Report



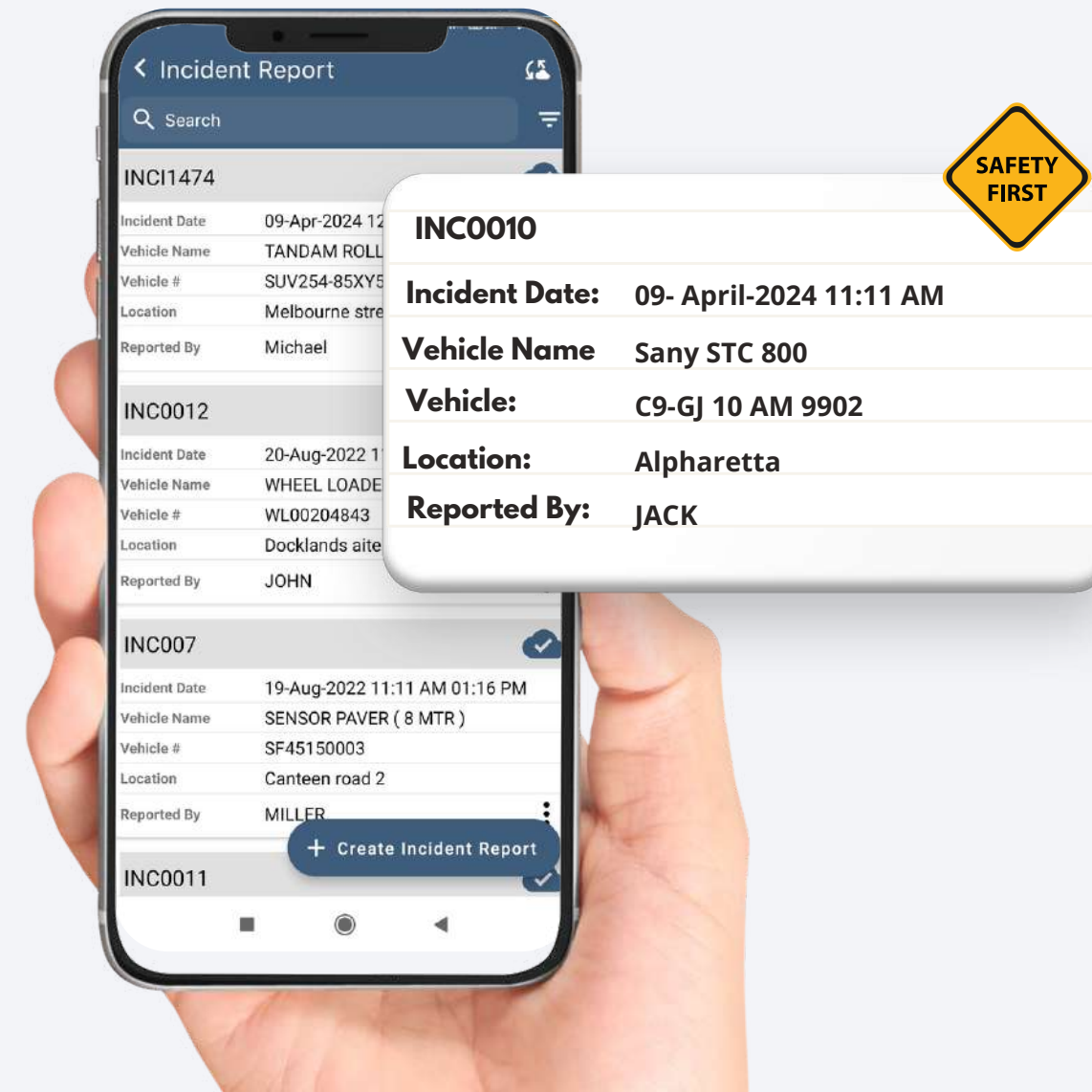
**Compliance tracking:** HVI ensures adherence to safety regulations by monitoring compliance activities and generating timely alerts for any non-conformance.

**Incident reporting:** HVI streamlines the process of reporting and documenting safety-related incidents, allowing for swift response and corrective actions.

**Training and certification management:** HVI helps manage operator training and certification records, ensuring all personnel meet required safety qualifications.

**Risk assessments:** HVI assists in conducting comprehensive risk assessments, identifying hazards, and implementing preventative measures to maintain a secure environment.

**Safety audits:** HVI supports regular safety audits, enabling users to evaluate practices, improve protocols, and sustain a high standard of workplace safety.

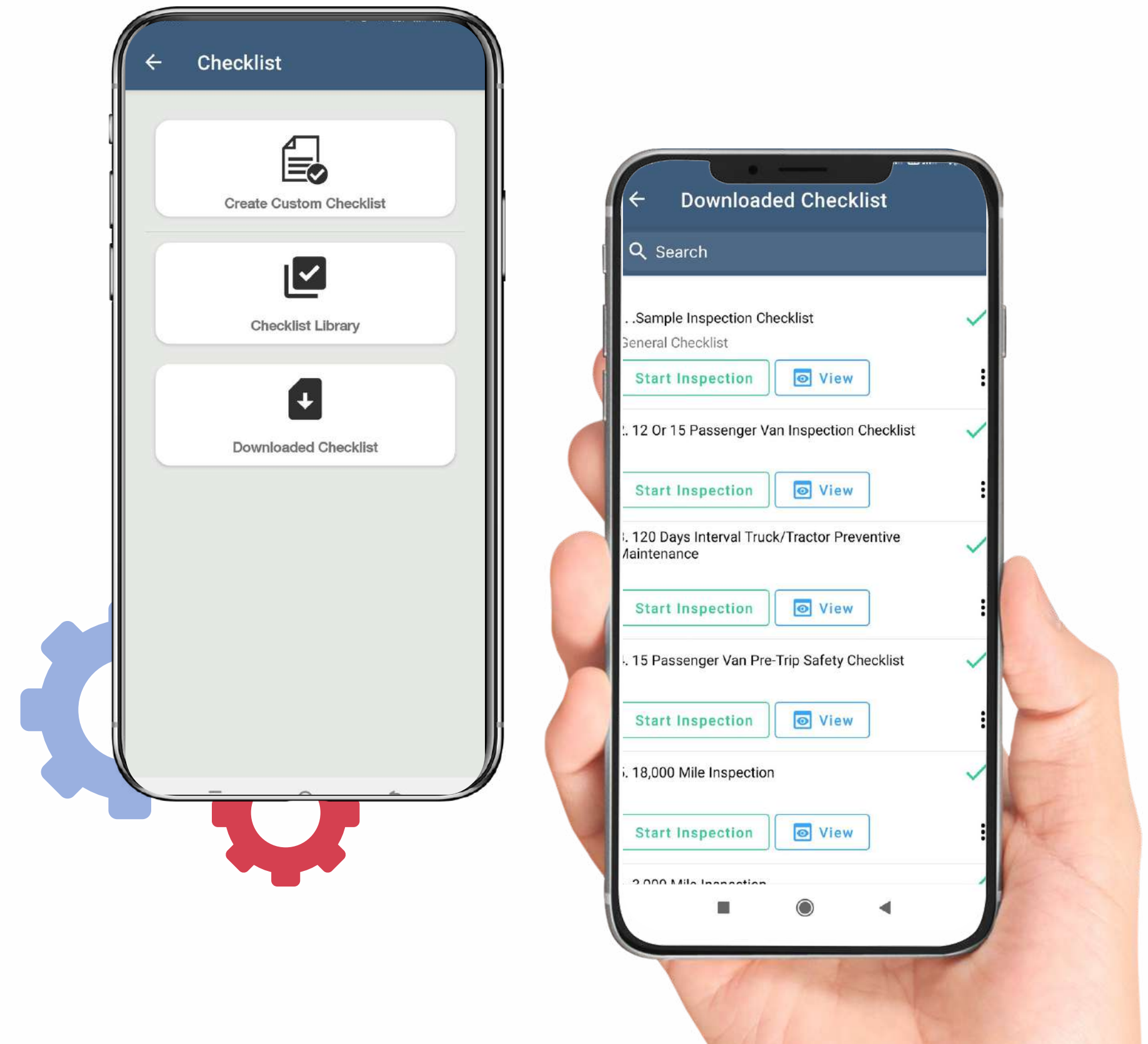


# Checklist



**Inspection Checklist:** The HVI offers comprehensive vehicle inspection templates, real-time data capture, and compliance reporting. Its user-friendly interface ensures thorough and efficient inspections, enhancing fleet safety.

**Maintenance Checklist:** The HVI provides robust tracking and digital documentation capabilities. It seamlessly integrates maintenance data, streamlining fleet management and ensuring timely upkeep.



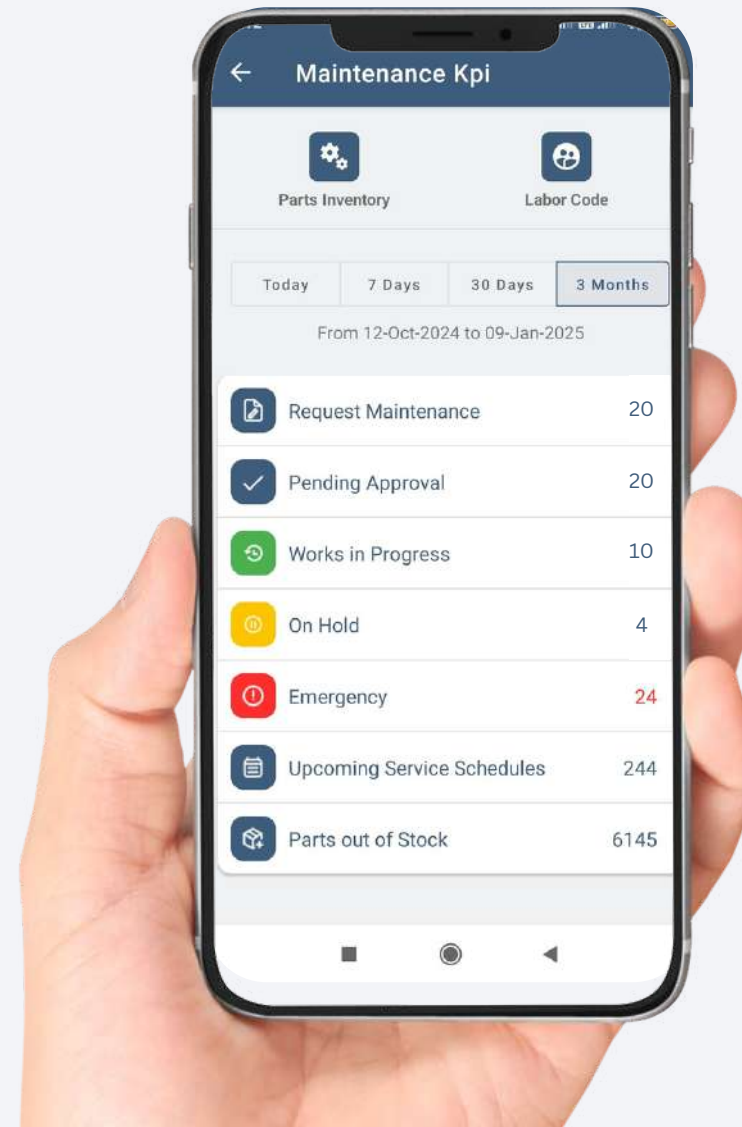
# Maintenance KPI



**Predictive maintenance:** HVI utilizes equipment data and historical trends to predict when maintenance should be performed, helping prevent unexpected breakdowns.

**Preventive maintenance scheduling:** HVI allows for automated scheduling of routine maintenance tasks, ensuring all equipment is serviced regularly and remains in optimal condition.

**Work order management:** HVI enables users to create, assign, and track maintenance work orders, ensuring that technicians can address issues promptly and efficiently.



**Parts and inventory tracking:** HVI provides real-time visibility into parts and inventory levels, ensuring that maintenance teams have the necessary resources on hand.

**Detailed reporting:** HVI generates detailed reports on maintenance activities, allowing users to analyze performance, identify recurring issues, and continuously improve maintenance strategies.

# Logbook Management



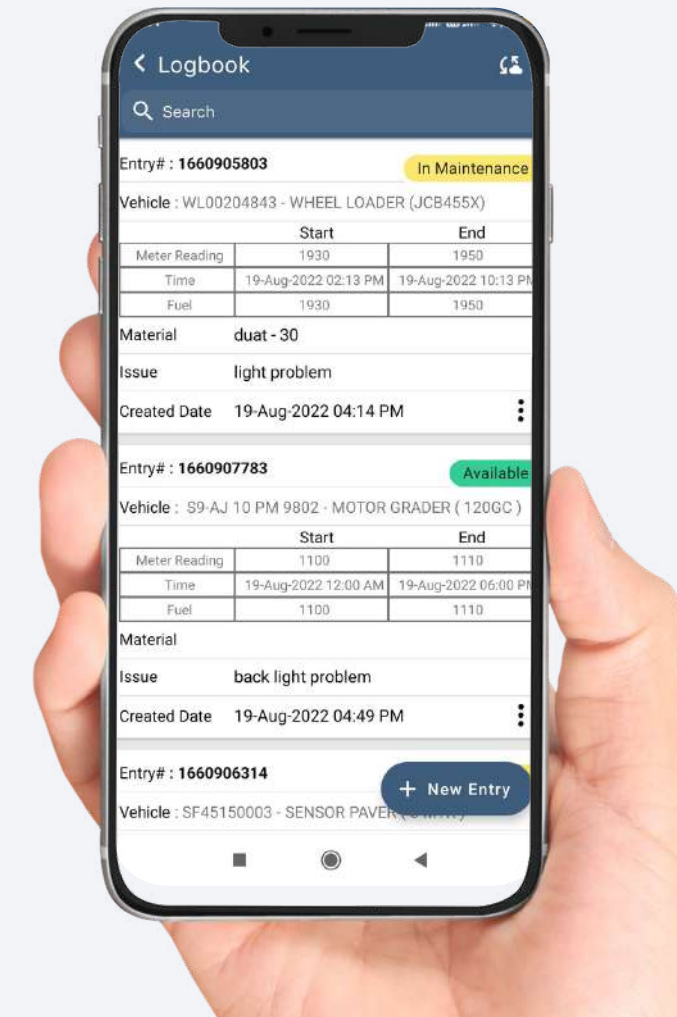
**Centralized record-keeping:** HVI provides a single, secure repository for all operational logs, ensuring easy access to historical data.

**Real-time updates:** HVI enables instant logging of events in the field, keeping records accurate and current.

**Search and filtering:** HVI's robust search and filtering features make locating specific log entries fast and efficient.

**Audit trails:** HVI maintains detailed audit trails, ensuring accountability and transparency for every logged action.

**Data integrity and security:** HVI safeguards logbook data, ensuring that valuable operational information remains protected and tamper-proof.



# Purchase management



**Centralized Inventory:** Users can create and maintain a centralized inventory of parts and supplies, making it easy to track all inventory items in one place.

**Vendor and Supplier Management:** This allows users to keep track of orders, deliveries, and payments, ensuring a smooth procurement process.

**Reporting and Analytics:** HVI offers various reports and analytics to help users optimize inventory levels, reduce costs, and improve overall inventory management efficiency.

**Tracking Movement of Parts:** This enables users to keep track of inventory levels and make informed decisions about purchasing and replenishment.

**Stock Level Management:** This ensuring that inventory levels are always optimized and avoiding overstocking or stockouts.

The screenshot shows a 'Purchase Order' management interface. At the top, there is a 'Create Purchase Order' button and a search bar. Below this is a table with columns: Action, PO Number, Items, Due Date Delivery Date, Status, and Total Cost. The table lists several purchase orders with their respective details and status indicators.

| Action | PO Number | Items                | Due Date Delivery Date | Status               | Total Cost |
|--------|-----------|----------------------|------------------------|----------------------|------------|
|        | PO1007    | hose                 | 18-Aug-2022            | WAITING FOR APPROVAL | 125        |
|        | PO1006    | Ganesh Purchase      | 19-Aug-2022            | APPROVED             | 14487      |
|        | PO1005    | FUEL HOSE 5.1        | 15-Jul-2022            | RECEIVED             | 6870       |
|        | PO1004    | HOSE FOR AIR CLEANER | 13-Jul-2022            | OPEN                 | 78514      |
|        | PO1003    | Service              | 18-Jul-2022            | ORDERED              | 50350      |
|        | PO1002    | Service              | 19-Jul-2022            | APPROVED             | 90000      |
|        | PO1001    | ...                  | 20-Jul-2022            | WAITING FOR APPROVAL | 1500       |

# Tire Management

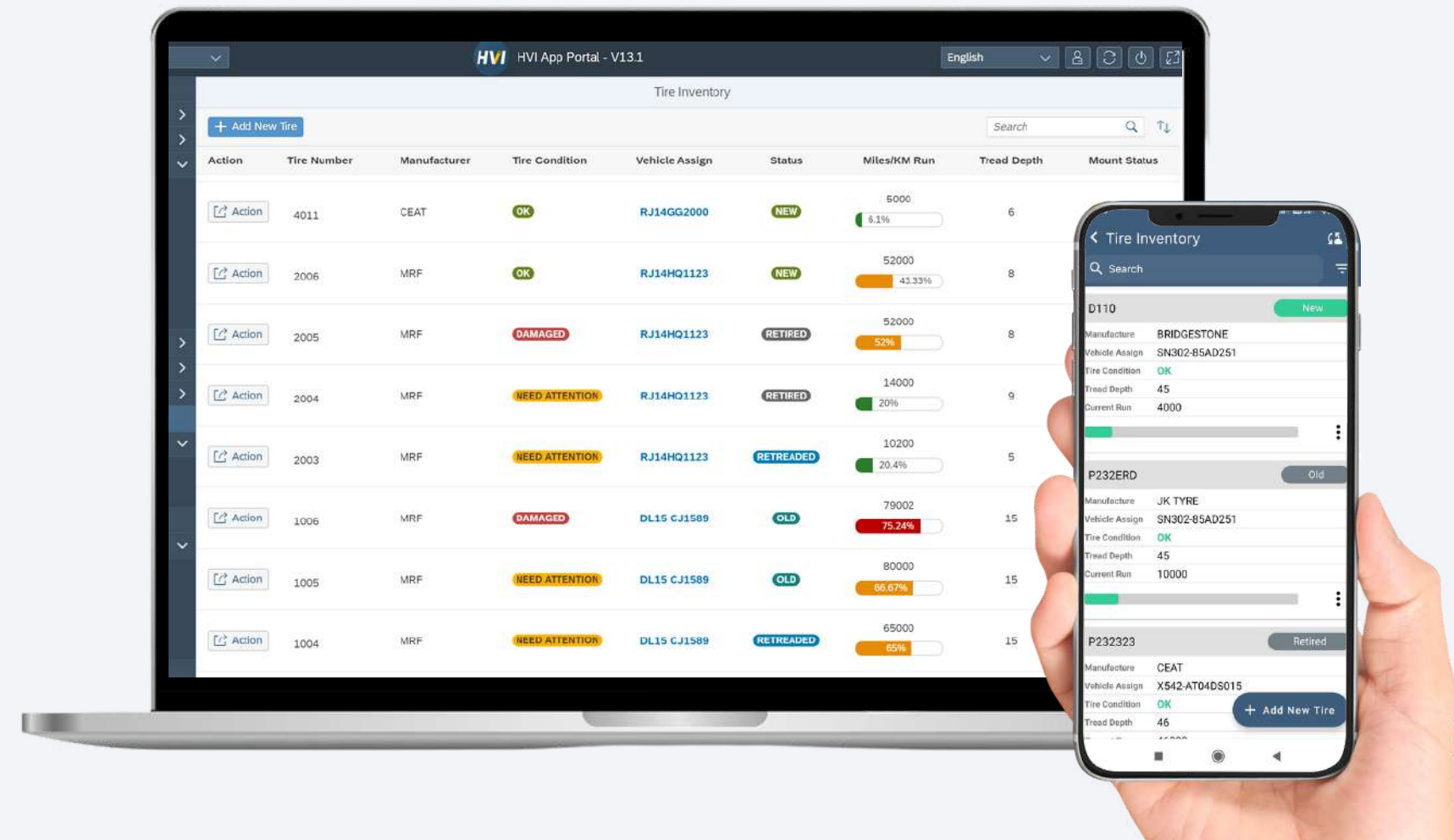


**Real-time Monitoring:** HVI provides live tracking of tire conditions via sensors for immediate issue detection.

**Predictive Maintenance:** Using advanced analytics, HVI forecasts optimal maintenance schedules based on tire wear patterns.

**Inventory Tracking:** HVI maintains a precise tire inventory record, preventing shortages and disruptions.

**Performance Reporting:** Generate detailed reports on tire conditions, usage patterns, and maintenance history.



**Mobile Inspection:** Conduct on-site inspections conveniently using mobile devices.

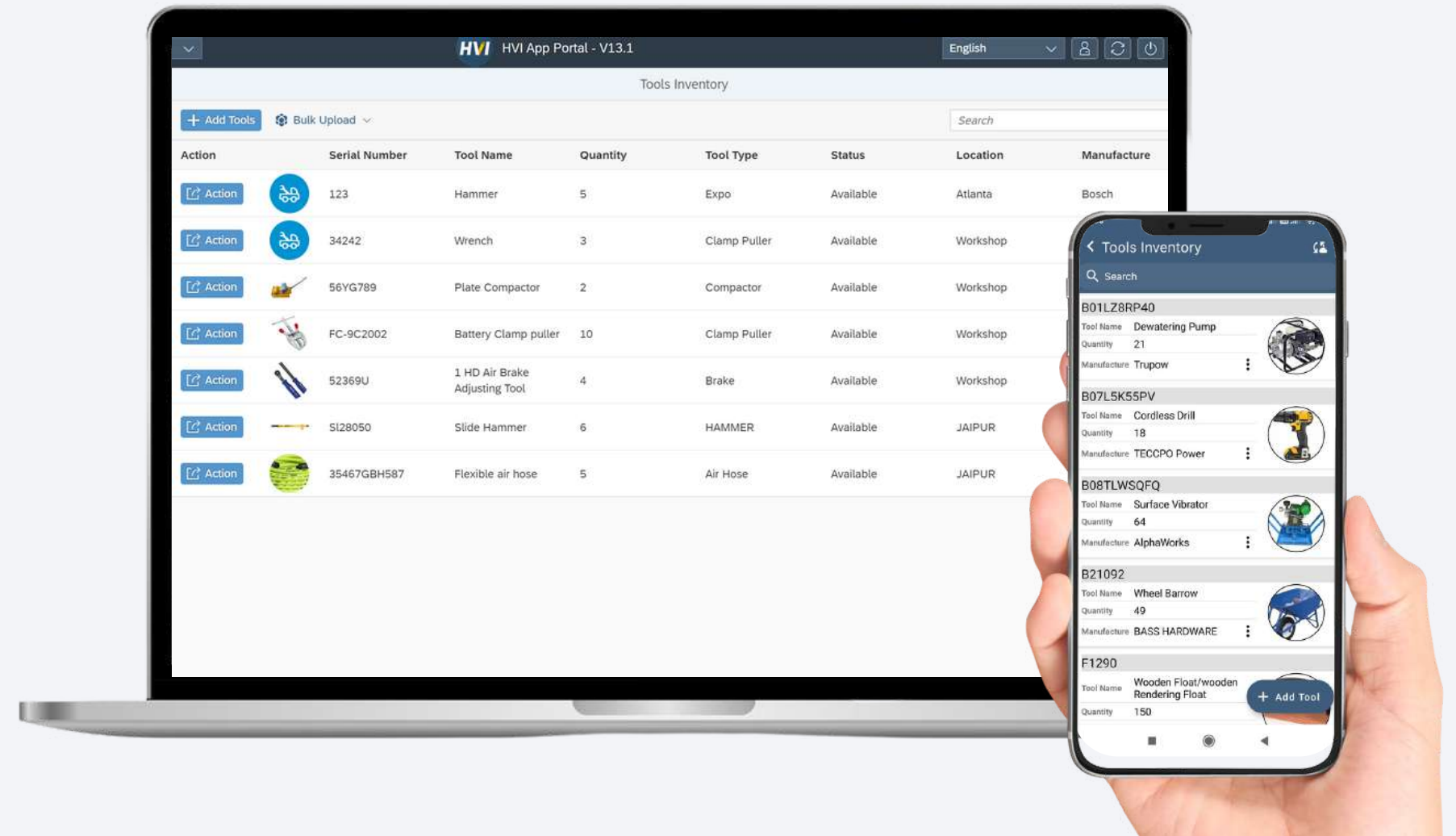
# Tool Inventory



**Comprehensive Inventory:** HVI maintains an organized record of tools and equipment, ensuring easy access to details like types, quantities, and conditions.

**Barcode Scanning:** HVI streamlines tool tracking with barcode scanning, reducing errors and enhancing efficiency in movement and assignments.

**Allocation Tracking:** Real-time tracking in HVI monitors tools assigned to projects or teams, promoting transparency, preventing loss, and fostering accountability.



**Tool Issue:** Enable authorized users to request tools from inventory, maintaining a digital record of who borrowed it, when, and why, promoting accountability and preventing misuse.

**Tool Return:** Digitally log returned tools for immediate inventory updates, ensuring accurate availability tracking and seamless access for others.

# Site/ Project Management

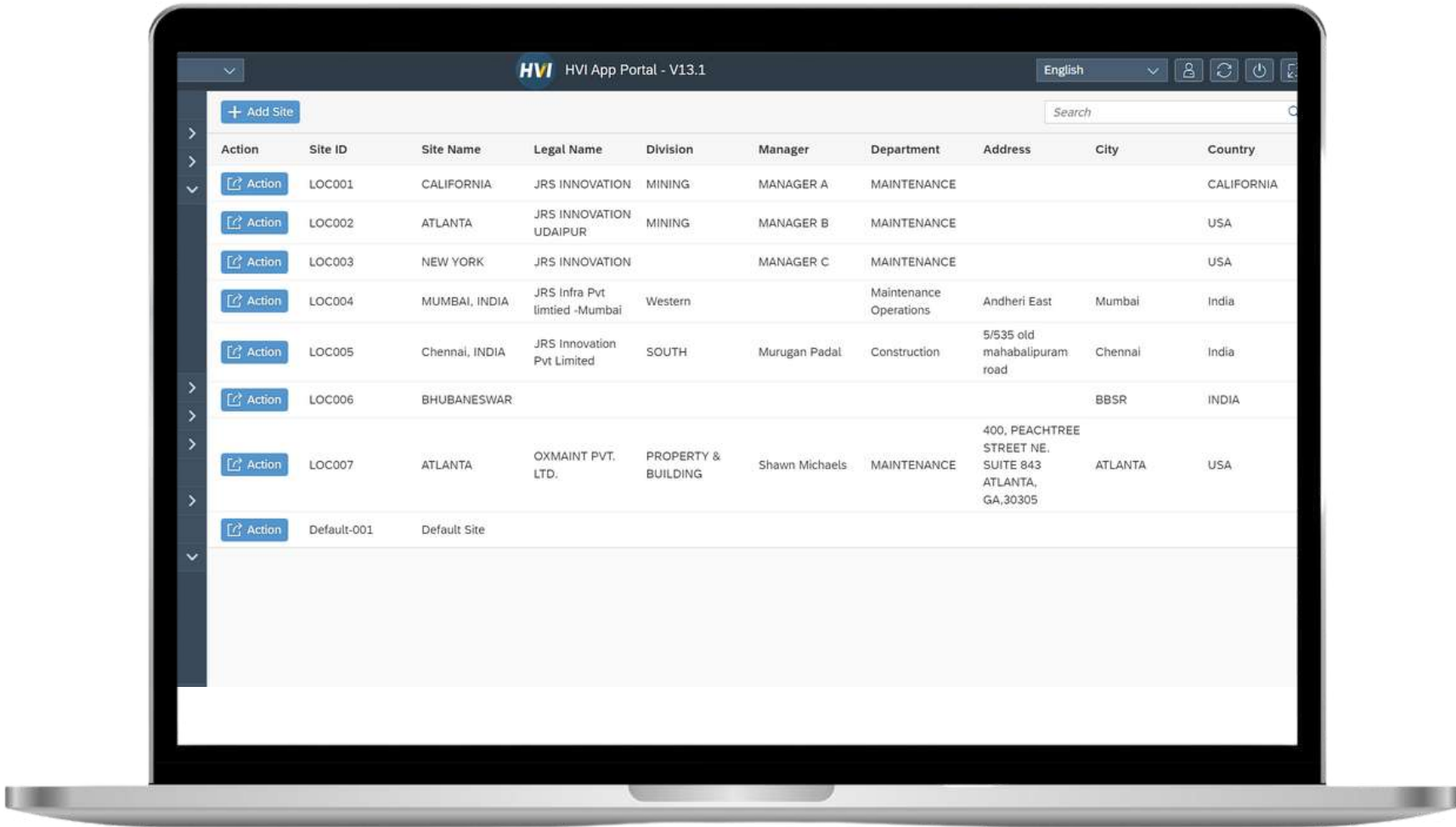


**Remote Site Monitoring:** Monitor site conditions in real time from a distance, facilitating swift decision-making and risk management.

**Documentation Repository:** HVI stores site documents, ensuring easy access and compliance.

**Task Assignment:** HVI assigns tasks to sites, streamlining work distribution and accountability.

**Purchase Order Addressing:** Link orders to sites in HVI for efficient material delivery and allocation.



**Location Tracking:** HVI utilizes GPS for real-time site tracking, aiding decisions and resource allocation.

**Data-driven Insights:** Utilize data analytics to analyze site conditions, identify trends, and optimize management strategies.

# AI in HVI

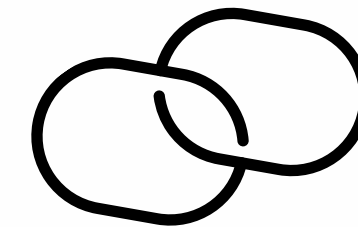
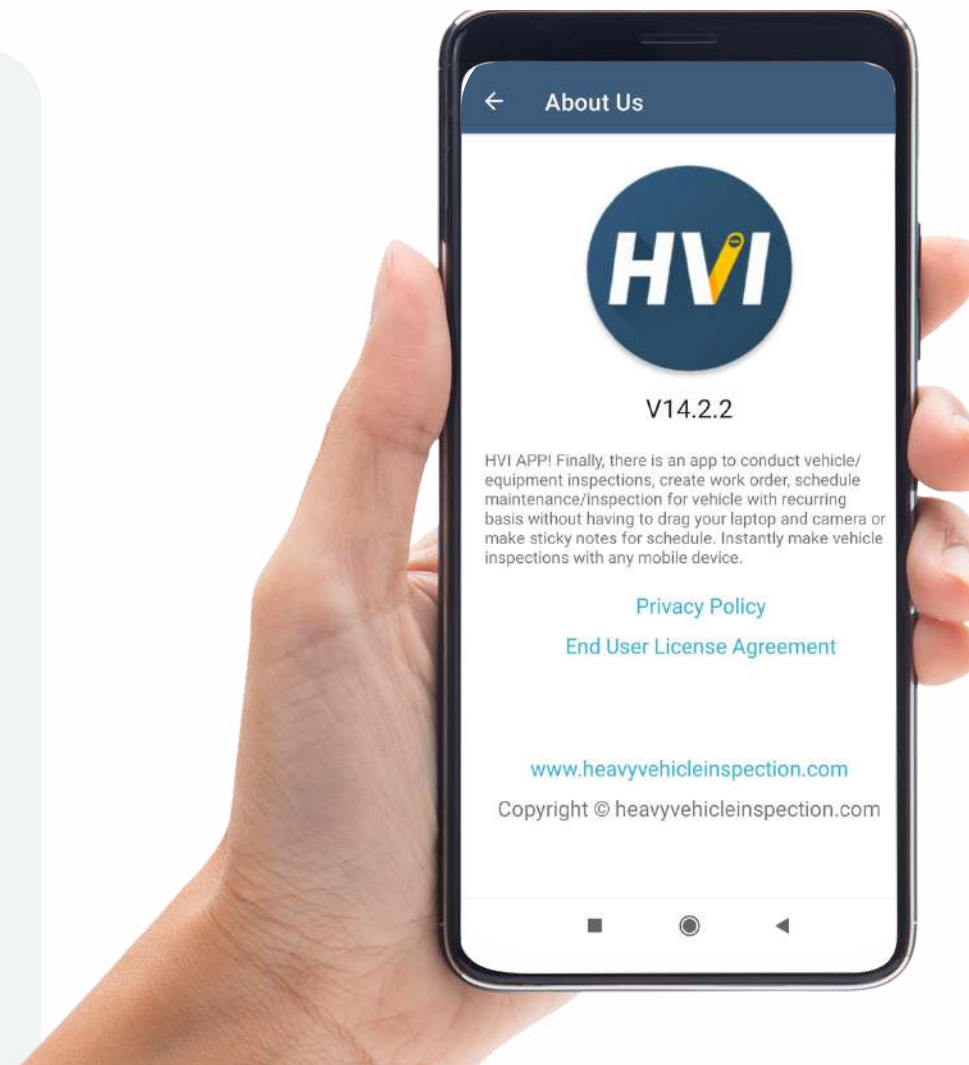


**Predictive Maintenance:** AI analyzes historical data and sensor readings to predict equipment failures, enabling proactive maintenance scheduling and reducing unplanned downtime.

**Condition Monitoring:** AI continuously monitors asset performance in real-time, detecting deviations and providing alerts for preventive measures.

**Cognitive Assistance:** AI-powered virtual assistants or chatbots provide real-time support to technicians, offering guidance and instructions for maintenance tasks.

**Fault Diagnosis:** AI assists in diagnosing faults by analyzing data, identifying root causes, and accelerating troubleshooting.



**Data-Driven Decision Making:** AI analyzes maintenance data to extract insights, enabling data-driven decision making and process optimization.

**Resource Allocation and Planning:** AI optimizes maintenance scheduling by analyzing data and resource availability, ensuring efficient resource allocation.

# Mobile App & Web Portal Features



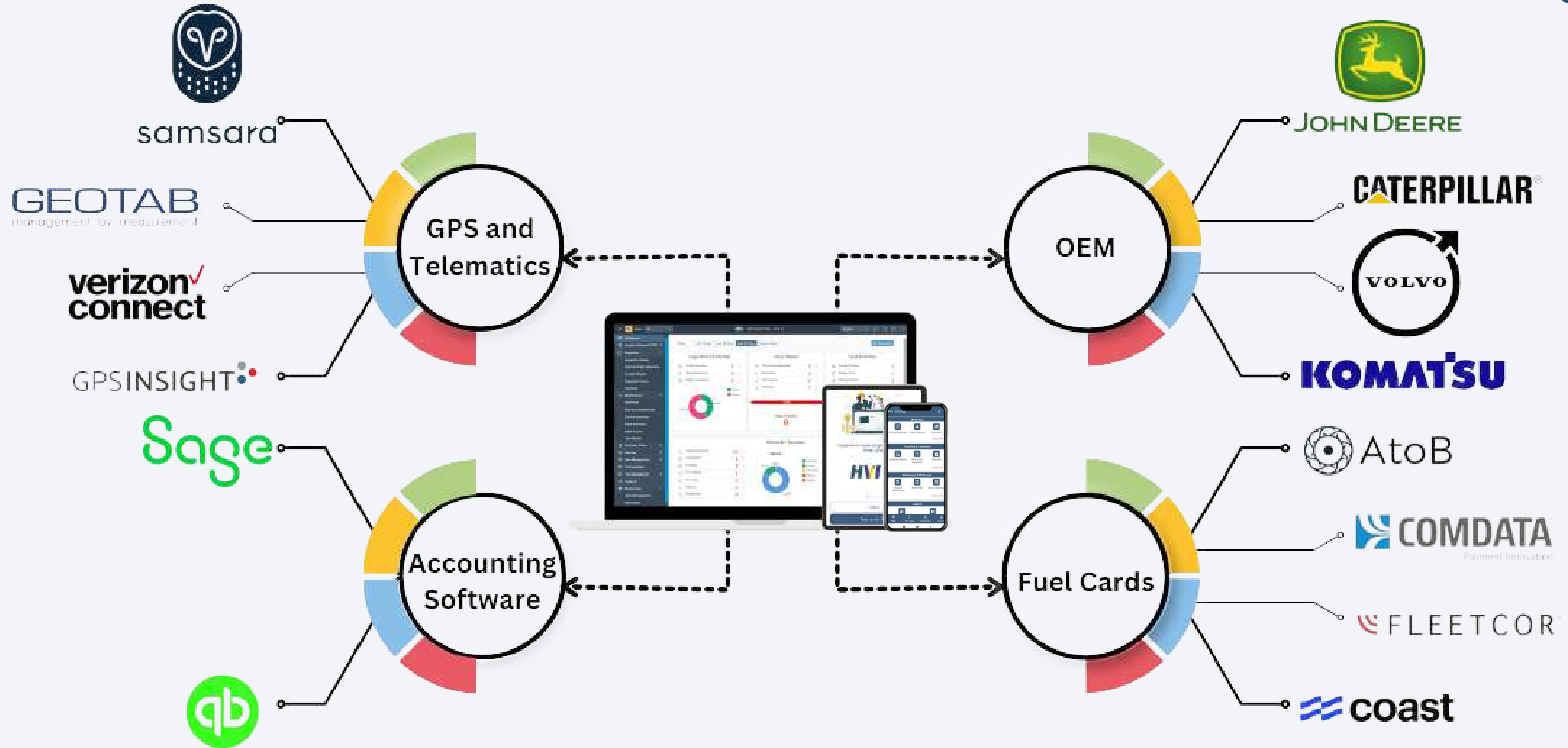
| Features                     | Functionality                                        | Benefits                                                                           |
|------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------|
| Native Mobile Apps           | Access CMMS on Android and iOS devices               | Convenient and flexible maintenance management                                     |
| Offline Capability           | Work offline without internet connectivity           | Uninterrupted maintenance operations                                               |
| Real-time Updates            | Receive instant notifications and updates            | Stay informed and respond promptly to changes                                      |
| Barcode/QR Code Scanning     | Scan asset tags for quick data retrieval             | Streamline asset tracking and inventory management                                 |
| Image Capture and Annotation | Capture images and add annotations for documentation | Enhanced visual reference and communication                                        |
| GPS Location Tracking        | Track technician location and asset whereabouts      | Improved asset visibility and resource allocation                                  |
| Native Web portal            | Access CMMS on Web portal                            | Inventory tracking and optimization is convenient and flexible with HVI web portal |

# Integrations



| Integration Terms                  | Integration Description                                                                                |
|------------------------------------|--------------------------------------------------------------------------------------------------------|
| Artificial Intelligence (AI)       | Incorporate AI capabilities into HVI for enhanced maintenance management.                              |
| System Analysis Program(SAP)       | Integrate HVI with system analysis programs for comprehensive maintenance evaluation and optimization. |
| Machine Learning (ML)              | Utilize ML algorithms within HVI to optimize maintenance processes.                                    |
| OEM Telematics                     | Combine OEM telematics data with HVI for improved remote monitoring and diagnostics.                   |
| Enterprise Resource Planning (ERP) | Seamlessly integrate HVI with ERP systems for synchronized maintenance management.                     |
| Google SWOT                        | Leverage HVI to perform SWOT analysis with Google data for strategic maintenance planning.             |
| Microsoft 365                      | Connect HVI with Microsoft 365 for enhanced collaboration and productivity in maintenance workflows.   |

# Expansion Fusion



# Integrations



| Integration Terms                                                     | Integration Description                                                                                            |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| GPS and Telematics<br>(Samsara, Geotab, Verizon Connect, GPS Insight) | Real-time tracking and data capture for efficient inspections, reducing errors and improving route planning.       |
| Fuel Card Integration ( A to B, Comdata, Fleetcor, Coast )            | Tracks fuel usage and transactions, combines fuel data with inspections, and improves operational cost control.    |
| Accounting Software Integration (Sage, QuickBooks)                    | Automates financial data syncing, ensuring seamless reconciliation and better fleet operational cost management.   |
| OEM Telematics Integration (John Deere, Caterpillar, Volvo, Komatsu)  | Integrates OEM diagnostics, ensuring accurate vehicle inspections and maintenance with access to proprietary data. |

# Platforms & Clients



Our AI-Powered platform has been designed to meet the needs of businesses across various industries Infrastructure, Mining, Waste Management, Utility, Forestry, Agriculture, Oil & Gas, Warehouse Government & Public Works, and more. We take pride in providing our clients with a reliable and user-friendly vehicle/equipment management solution that streamlines their operations, reduces costs, and improves overall efficiency.

## Our Customers from around the World:



# Global Reach



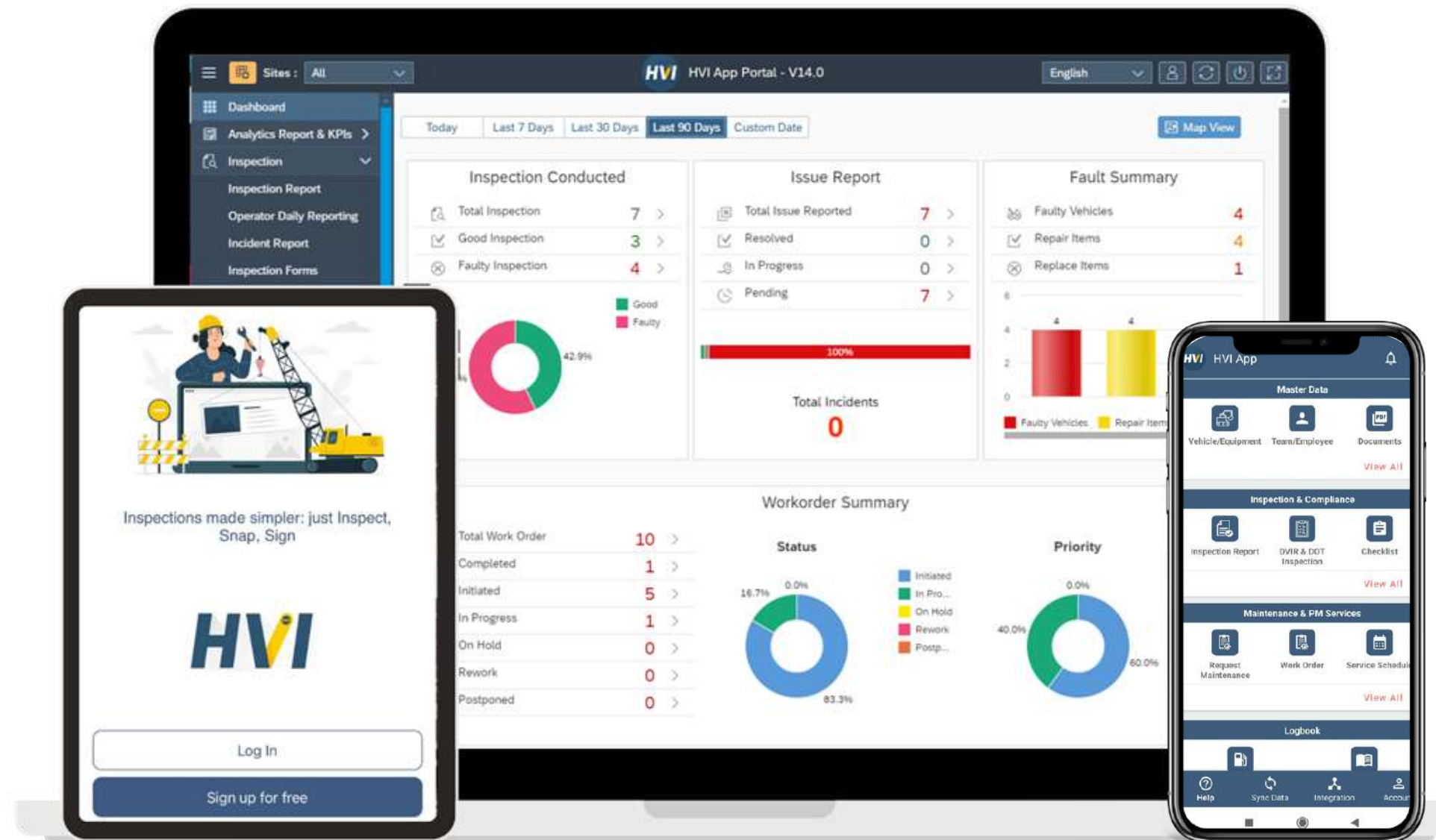
**12+**  
**LANGUAGES**

**50+**  
**COUNTRIES**



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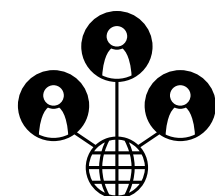
Email Address

**[contact@heavyvehicleinspection.com](mailto:contact@heavyvehicleinspection.com)**



Webpage

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Community

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