

# VEHICLE MANAGEMENT SYSTEM



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## Technology Innovation and Acceleration Driven!

In a contemporary fast-paced environment, the significance of technology in fostering innovation and hastening advancement, is paramount. Technology possesses the capability to transform industries and enhance operational efficiency!

# VEHICLE MANAGEMENT SYSTEM



Our Vehicle Management System (VMS) is a fully configurable and compliant vehicle key management and control solution that will meet your business needs and comply to all legal and insurance requirements.

## BUSINESS FUNCTIONAL AREAS

The VMS solution currently plays a key role in these functional areas:

- Production Scheduling
- Maintenance Scheduling
- Maintenance Management
- Vehicle Bookings, Reports and Dashboards



## OPVANT BUSINESS PROCESS AUTOMATION PLATFORM

This VMS is built on the Simpology Business Process Automation Platform (OpVANT). This platform gives us the ability to configure/define any business process based on the steps and the specific flow of the process. The platform has the following built-in features:

- Multi-Level User Access Management
- Configurable multi-level process step authorisation/ approvals
- Remote process authorisations/approvals
- User configurable notifications (e-mail, SMS and WhatsApp)
- Integrated full event audit trail
- Integration to safety and security system (Access Control, Fatigue Management, Gas and Fire Detection, Digital Key and Locker Management)
- Integration to Business Systems (SAP, other ERP, Asset Management, Maintenance Management, Fleet and Vehicle Management and Vehicle Tracking)
- Integration to Process Automation Systems (PLC, SCADA and DCS)

# VMS FUNCTIONS AND FEATURES



## GENERAL

Full audit trail of all VMS events:

- Vehicle license management
- User access management taking medical, induction and license requirements into account
- Single button E-Stop to stop all access to VMS solution in case of emergency
- Multi-level configurable authorisations for each step or function in VMS
- Fully auditable manual key hand-over process built into system

## INTEGRATION CAPABILITIES

- SAP MM
- SAP PP
- Other ERP systems
- Access control system
- Vehicle condition monitoring systems
- Asset management systems
- Maintenance management systems

## PRODUCTION SCHEDULING

- Schedule single vehicles for single users
- Define multiple vehicle pools across multiple key management hardware devices
- Schedule vehicles from pools for individual users
- Integrate with SAP or other 3rd party scheduling systems to drive vehicle schedules for production



## IMPLEMENTATION REQUIREMENTS

- Access to API interfaces for Key Cabinets
- Access to API for all systems to integrate to VMS
- Local Server or Cloud Server setup
- User interface hardware
- Network connections for VMS interfaces
- Network connection for Digital Key Cabinet

## REPORTING AND DASHBOARDS

- Vehicle Event Audit Report
- Vehicle Usage Report
- Vehicle Maintenance Report
- Vehicle Status Dashboard

## VEHICLE MAINTENANCE

- Integrate with SAP or other 3rd party scheduling systems to drive vehicle schedules for maintenance
- Full maintenance cycle management (taking vehicle out of production up to the point where it is put back into production)

## PROUDLY SOUTH AFRICAN

SIMSAFE is a proudly South African product range, designed, assembled and manufactured in South Africa.



## OUR WARRANTY

SIMSAFE products comes with a 12-month warranty on all components from the day of installation.

## CONTACT US



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