



# KEY CONTROL



As a brand, **Ressource Solutions** was established in 2017. As a business and OEM, our experience and know-how traces back to 2001 when our journey to producing a sophisticated, multiple-product, fully automated fuel management system (FMS) started. The FMS is called **PetroMan** and is regarded with high prestige by dozens of successful users across several industries globally. **Ressource Solutions** is the official supplier of the **PetroMan** FMS in all countries outside South Africa. Further development, growth, and offering expansion has today established **Ressource Solutions** as not only a leader in the FMS space, but also in asset optimisation.

The design, flexibility, and reliability of our technology enables superior system functionality, effectiveness and efficiency. This competitive advantage allows **Ressource Solutions** to successfully provide, and implement, comprehensive, leading-edge asset optimisation solutions at significantly lower costs compared to conventional offerings.



## SAFETY AND LEGISLATIVE COMPLIANT DRIVER MANAGEMENT.

Fleet owners and operators who use the PetroMan ignition and key control system can automatically and safely manage driver and legislative compliance.

The PetroMan key control solution is comprehensive and covers driver detail, inductions, medical, license validity, legislative compliance, vehicle usage, capturing data, transferring data, integrating data with ERP systems and reporting.

**EFFICIENCY IS VITAL TO  
PROFITABLE BUSINESS,  
and that is the business  
we are exceptional at.**



# COMPREHENSIVE, LEADING-EDGE ASSET OPTIMISATION SOLUTIONS

The Key Control solution comprises components and compliance criteria. Where GSM connectivity permits, or a Fuel Management System has been installed, a whitelist of valid iButton tags is automatically downloaded every 12 or 24 hours. In situations where this is not the case, a 3-way bridge is installed at a suitable location on site, to download whitelists to vehicles. Additional download options are available. Smart whitelists ensure continued functionality for underground, pit and scheduled interventions. Connectivity protocols include GSM, NRF and S2LP. This ensures accurate and effective key control. Auditable history records are stored for reporting and investigation purposes. Options for access card usage are available. The system functions with or without installed vehicle telematics and allows for upgrading to fuel or fleet management systems with minimal vehicle upgrading.

The start approval process for vehicles is simple and quick. The tag is inserted, and the driver is identified and approved. If the driver's details are not on the latest whitelist, i.e., the driver is not approved, the vehicle will not start.

The PetroMan Key Control software interface is user friendly. It provides real-time access for the editing and reporting of numerous aspects including the Employer or operator, different Departments and Sections, all relevant Driver Restrictions, Operators, Course Codes and Job Titles. Additional parameters can be monitored, such as battery disconnect and biometrics. The system accommodates an unlimited No. of licenses and start history periods.

Our competitive edge ultimately lies in **FINDING THE PERFECT BALANCE** between man and machine, between technology and a human touch.



By verifying driver compliance, the PetroMan Key Control Solution contributes to safety compliance, protects the client's assets, enforces safety policies, ensures compliance with legislation and prevents illegal vehicle use. Whitelist downloads are scheduled and available on request. Numerous connectivity protocols are accommodated. The software interface is user-friendly and historical records are stored for reporting and accident investigations. The Key Control Solution functions independently and is a scalable platform, for Fuel and Fleet Management systems, with minimal vehicle upgrading.

When comparing the cost of solution, to the potential costs of accident investigation consequences, Fleet owners and operators typically report a very positive return on investment.

**For world-class fuel management solutions, visit our website [www.petroman.global](http://www.petroman.global)**

PO Box 15512 Lyttelton 0140,  
6 Einstein Street, Highveld Technopark,  
Centurion 0157

**Telephone:** +27 27 12 329 3811/2/3/4  
**Fax:** +27 12 329 380  
**E-mail:** [info@petroman.global](mailto:info@petroman.global)

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down to the last drop