



## Asset Management System



Managing millions of assets every day

## Short System Overview



**Smart Track AMS is part of the Redkite Smart Software Suite™ which is the new name for products supplied by Redkite Systems to 100's of customers in over 20 countries since 1989.**

### **DESIGNED TO MAKE YOUR LIFE SIMPLE**

Smart Track AMS transforms your asset management in providing a centralised, digital, paperless, asset management system eliminating paperwork, reducing your workload, and simplifying your life by utilising intelligent semi and fully automated processes.

Ideal for organisations of any size, Redkite Smart Track AMS is in use 24x7x365 in companies located around the world where Redkite Smart Track AMS helps organisations like yours manage their assets from cradle to grave.

No more searching through mountains of paperwork or complex spreadsheets, with Smart Track AMS everything is at your fingertips no matter how widely dispersed your assets are.

Any type of asset can be entered on the system from large capital items down to the smallest consumables.

### **A MODULAR APPROACH**

The Redkite Asset Management System consists of a suite of integrated modules which together provide a comprehensive system that will manage your assets from cradle to grave.

The Smart Track AMS inventory is at the heart of the system and provides management with a clear oversight of the location and status of assets. A central register contains a wealth of information on each asset including a life-long history of all maintenance, tests and inspections, defects, repairs and movements.

Defining the type and frequency of preventative maintenance and test and inspection activities and associating any procedures to each activity is undertaken centrally from within the core module, which also creates and delivers daily worksheets directly to a user's desktop or mobile reader. To ensure nothing is overlooked daily prompts continue to be presented until a required test or inspection has been undertaken. Email alerts are also managed through this module.

## DEFECT MANAGEMENT

The Smart Track AMS Defect Manager is supplied with the Smart Train AMS as core functions and provides management tools to track defects through the repair process. Email and optional SMS notifications provide company employees and outside contractors with notifications of initial faults and responsible personnel can track the asset through the repair process.

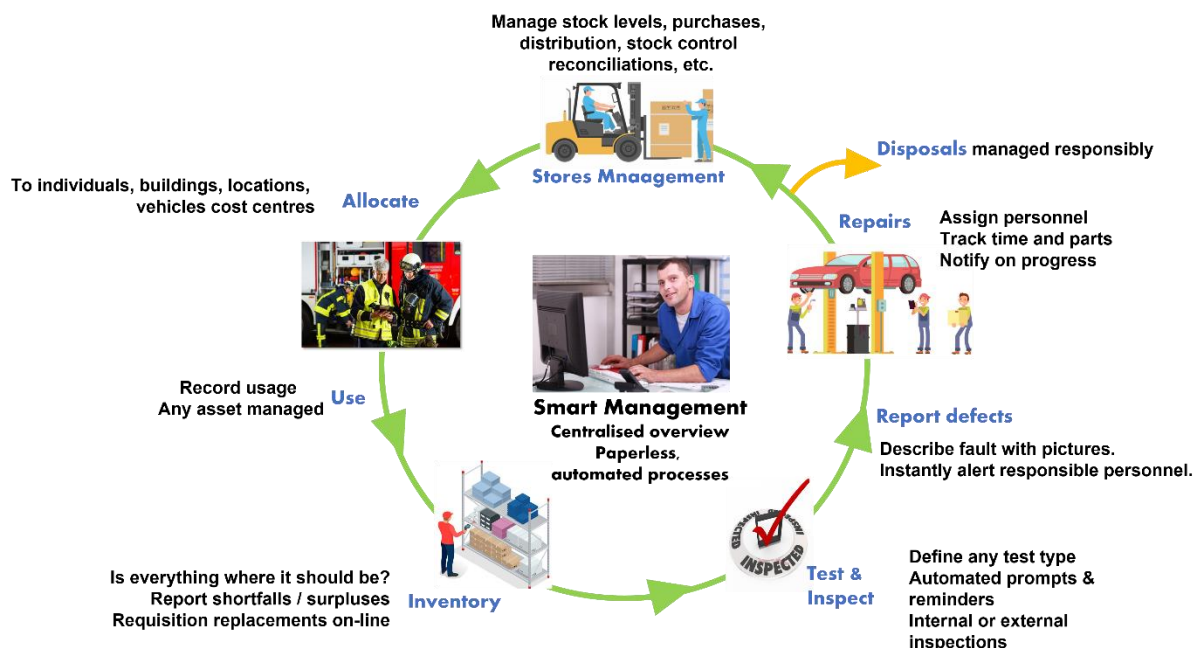
## BAR CODE AND RFID - Optional

The Smart Track AMS Rapid Data Capture module is optional and can be provided to use only bar codes or bar codes and UHF RFID and provides a raft of features designed to facilitate on-line functions, such as undertaking inventory checks, preventative maintenance and test and inspection activities using a hand-held bar-code or RFID reader. With inventory checklists and daily test worksheets being delivered to the reader – the application is easy to use, reducing keyboard error and saving time and money.

## STORES MANAGEMENT AND ON-LINE REQUISITION - Optional

The optional Smart Track AMS Stores Manager module with built in On-Line Requisition provides all the management tools needed to run your stores facility and is designed for those organisations with a need to manage their stores processes.

You only need acquire what you need for now – you can always add more later... and don't worry, all modules seamlessly integrate to provide a comprehensive asset management system.



## INVENTORY MANAGEMENT

At the heart of Smart Track AMS is a comprehensive inventory containing a wealth of information on each asset and sophisticated smart functions to improve the efficiency of the inventory management making sure your assets are in their correct location and in the required number.

Inventory listings can be obtained for any location or sub-location and the listing can either be published for manual checks or distributed to on-line readers to allow inventory checks to be carried out rapidly and efficiently using bar code or RFID readers.

### **SAFETY AND PREVENTATIVE MAINTENANCE TESTS AND INSPECTIONS**

Smart Track AMS manages activities such as scheduled and unscheduled tests and inspections for both safety and preventative maintenance.

Smart Track AMS is flexible, and any type of activity can be defined, and schedules easily set. Scheduled activities such as inspections can be determined by many factors such as time or/and usage, for example and activities can be set for a day of the week or a specific day in a month, if required.

Readings and other information can be recorded during the test or inspection and all outcomes and information for every activity is recorded for the life of the asset.

To ensure scheduled activities are undertaken in a timely manner, Smart Track AMS automatically alerts responsible personnel when scheduled tests are becoming due using a range of on-screen visual prompts, email and/or, optional, SMS notifications. Prompts continue to be sent until the activity has been completed.

Life cycles and replacement costs can all be entered for each asset type and ownership details, location, health and safety incidents and many other details can be entered against individual assets.

Used on a 24x7 basis to manage millions of assets for many single and multi-site national and international organisations for many years, Smart Track AMS is proven, robust and reliable.



### **DEFECT REPORTING AND MANAGEMENT**

Managing defects to ensure repairs are carried out as quickly as possible can be critical. Even the smallest delay can have significant effect on your business, affecting production and services and can have an impact on your reputation as a company. Speed therefore can be of the essence.

In Smart Train AMS defects can be reported from many areas of the system, and notifications of reported faults are instantly transmitted via email (or SMS) to responsible personnel where actions can be taken appropriate to the priority attached to the defect.

### SMART REPAIR MANAGEMENT

The instant a defect is reported responsible personnel and repair workshops are notified, a job card is raised, and personnel can immediately be allocated to the repair. All work undertaken on the defect, including times and any parts used, is recorded. Responsible personnel can be made aware of progress automatically by email (or SMS).

### SMART DISPOSALS

Smart Train AMS recognises that disposing of assets responsibly is important and disposal methods and disposal records need to be maintained. Disposal methods appropriate to an asset can be accessed by users and the disposal details are recorded on the system.

### SMART RAPID DATE CAPTURE - BAR CODE AND RFID

Smart Track AMS works with both ID and 2D bar codes and UHF RFID to speed up and ensure the integrity of many asset management processes, including inventory / stock checks, and recording the outcomes of schedule and unscheduled tests and inspections. For inventory management multiple RFID tags can be read to speed up the inventory process. The use of bar codes is ideal for tracking assets and ensuring inspections have been carried out on a specific asset. Smart Track AMS allows users to switch between bar code and RFID functions at the tap of a key on the reader... no need to swap applications.



### STORES MANAGEMENT

Smart Track AMS offers a powerful additional Stores Management module empowering the management of both fixed and consumable assets from initial purchase through to final disposal.

Smart Track AMS Stores Manager integrates seamlessly within Smart Track AMS and is designed for organisations that need a system to efficiently manage stores functions.

Smart Track AMS Stores Manager records details of all purchases including initial purchase price, date of purchase, invoice value, supplier, and cost centre details. Preferred supplier lists can be selected when procuring new assets.

Goods received are entered onto the system in batches. On entry an 'end of life' date can be entered together with expected replacement costs to facilitate future replacement budgeting.

### Smart Track AMS Stores Manager

- manages maximum and minimum stock levels with automated alerts when minimum stock levels are reached
- maintains a supplier and 'preferred' supplier list, with full details for ease when re-ordering
- goods received are recorded in batches and a batch can hold any number of the same type of asset
- uses a first in first out principle when allocating stock; stock from earlier batches is allocated first
- stores purchase orders and records invoice details together with purchase prices
- stock re-adjustments and reconciliations can be undertaken
- assets can be marked with bar code or / and RFID tags and allocated to a specific asset whilst in stores, if required
- parts and replacements can be ordered via the Smart Track AMS on-line requisition facility allowing the ordering of items remotely. Goods ordered can be assigned to locations or individuals.

### SMART ON-LINE PAPERLESS REQUISITION

Smart Track AMS Stores Manager contains an on-line requisition feature empowering individuals and line managers to order new or replacement assets or parts electronically to speed up the requisition process and reduce the administrative overheads of paper-based requisition processes.

- allows users to order parts and equipment through an electronic ordering system
- authorisation can be set for orders, if required
- orders are automatically passed through to the Smart Track AMS Stores Manager as an 'open' order
- records who has ordered parts and equipment, together with costs
- orders can be traced through the requisition process
- the system tracks who has ordered what and when for audit purposes
- costs of ordered parts are recorded against individuals, locations, and cost centres, as appropriate
- helps budget control
- supplied as standard with the Smart Track AMS Stores Manager
- can be accessed by authorised users from any location via a web browser
- all orders sent via the on-line requisition can be subject to authorisation and comprehensive details of all requisitions are maintained for future reporting.



## TECHNICAL OVERVIEW

All systems and modules in the Redkite Smart Software Suite are cloud-based and are supplied as “systems as a service” (SaaS) and are accessed by authorised users at an appropriate level via a web browser. All standard web browsers are supported. Nothing is installed on PC’s, Notebooks, smartphones, bar code or RFID readers.

Your dedicated applications are installed on a dedicated, secure hosted server in secure data centres located in London, England and are managed on our behalf by Rackspace who provide server support 24 x7 x 365, with a guaranteed uptime of 99.98%.

Rackspace hold ISO 27001 and SOC 2 amongst other security certifications.

We hold ISO 9001:2015 and apply rigorous cyber essentials policies.

We undertake a daily incremental and a weekly full back up of your applications and data. Data is encrypted using 256-bit AES encryption and is held at two separate secure data centres which are also managed by Rackspace.

Data piping is also undertaken to pipe data from the operational server to a reserve server to provide rapid disaster recovery.

Your data and applications are further protected with a Cisco systems firewall and Armor Anywhere and all information is encrypted in transit using https through Thawte 128bit (256bit browser dependent) SSL.

The software and hosted server have met rigorous penetration testing standards undertaken independently by numerous clients.

You are supplied with a unique dedicated system which is not shared by any other customer.

We provide our own secure single log-in portal to allow easy access to your systems and up-to-date on-line User Guides.

Adobe Reader and MS Excel or similar will need to be installed on workstations for report generation.

**For further information please visit our dedicated web site <http://www.smartrackams.com>**