



Asset Management System (AMS)

Asset Tracking and Job Scheduling

Compliance Innovation.



...for more efficient systems

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Red Ledge AMS was developed to make necessary on-time, accurate, traceable asset checks easier for business whilst tracking the assets themselves, thereby reducing the paper trail, time, effort, budget and general use of resources. The combination of software and handheld devices allows a business to concentrate on more profitable activities while delivering the peace of mind of full compliance supported by automatically generated and instantly accessible reports including the full traceability of assets.

With the proscriptive penalties now in place for failure to comply with regulation, addressing these issues must be a priority for any business. Although there are undoubted operational benefits of up-to-date and effective health & safety procedures, the work involved does not generate income so the less time personnel take to complete the required checks and the easier the collation of the data, the more time individuals have to carry out more productive and profitable activity.

Red Ledge AMS combines sophisticated software with the very latest handheld PDA devices to allow the company's responsible individuals to carry out and record remote and real-time asset checks. Whenever an asset is scanned its location is noted and any movement reported.

Using a simple command and response system, the software is programmed with the required checks, frequency and timeframe, these are then accessed via the handheld PDAs which prompt the responsible individual to carry out the checks, guiding them through the process as required and recording their actions. Utilising a simple and intuitive flow chart based interface, minimum training is required to provide the skills needed to introduce (or update) checks. An operator can expect to implement a new asset check in just ten minutes. After this the task will be immediately accessible via the PDAs, prompting the appropriate individual to complete the step-by-step checks.



Not only is it easy to set up or alter asset checks on the system, the process of checking itself has been greatly simplified. Using the PDA, individuals will access their own unique asset schedule (previously set by the administrator). The PDA will recognise the individual and present checks that are required to be carried out, whether daily, weekly, monthly or any other pre-set frequency. The PDA has details of all assets and so an individual can see the location of each, and search for a particular asset. When an asset check is complete, the system electronically captures a signature which serves to validate the activity.

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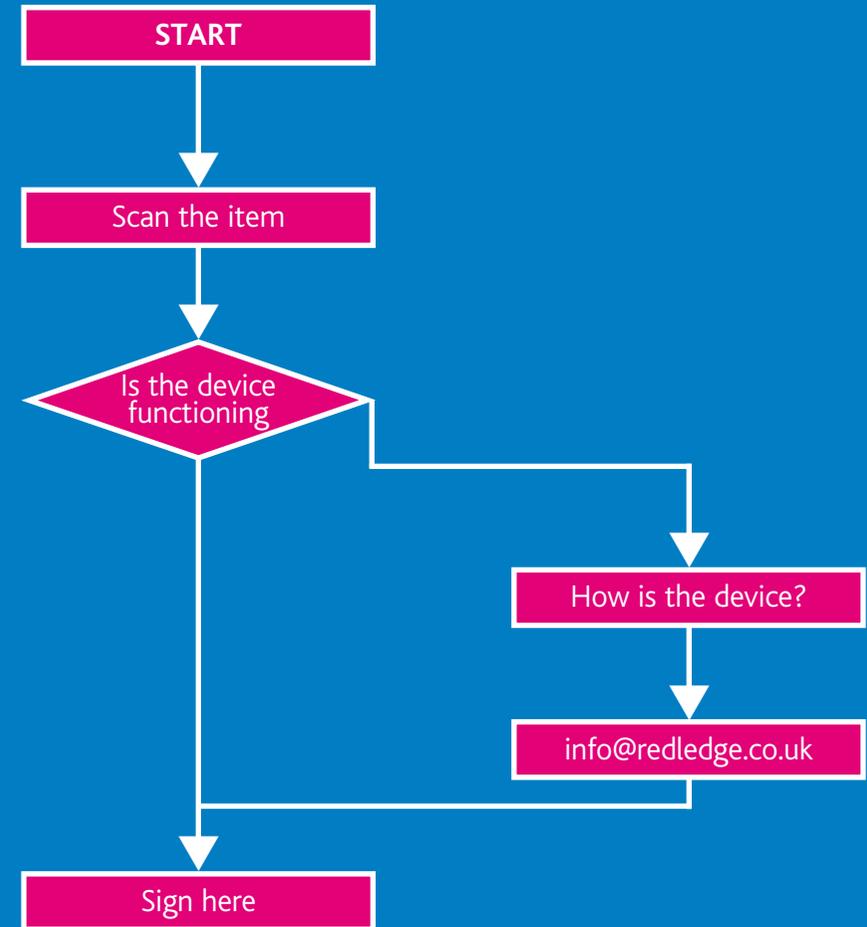
Each asset (e.g. plant, static machinery, mobile equipment, office, building or vehicle) is given its own unique barcode identification. By attaching the barcode to each asset and requiring it to be scanned before it is moved or any checks can be carried out, you can ensure that the operator is physically with the asset. This reduces the risk of checking the wrong asset particularly when you have a number of identical assets.

Should an asset check reveal a problem or issue, the AMS system can be configured to guide the individual through a series of actions. If they are qualified, this might include a simple repair on the spot. If not, the input on the PDA will escalate the problem accordingly, automatically sending emails to supervisors or engineers (or even suppliers) who can take the appropriate action.

Establishing and maintaining an accurate and effective compliance protocol is an essential part of all today's business operations. The Red Ledge AMS system provides a turnkey electronic asset management solution that is flexible, scalable and easy to implement and manage. Not only does it ensure the right people are carrying out the right checks at the right time, but it provides a detailed audit trail of every check and asset movement undertaken within the operation – and removes the uncertainty, collation and often fraught recovery of a paper trail. With almost unlimited report parameters, users can access detailed accounts which include all manner of information at the touch of a button.

Red Ledge is committed to long term partnerships with its clients and offers unprecedented levels of support for its AMS system.

Example:



Case Study

The **Myers Group** has a significant corporate compliance responsibility which was largely paper based. The system involved hundreds of checks per month carried out by large numbers of personnel across several sites and businesses. The time taken and resources required to complete forms, collate, review, action, manage and comply had become operationally prohibitive and a new system had to be found.





Process Perfect.

As preferred IT partner, Red Ledge was approached to improve the firm's health & safety protocol and immediately suggested its AMS system which would provide a cost-effective paperless database driven solution, meet compliance protocol, add functionality and track all the companies' assets.

As Myers undertake varied and numerous checks in different locations, and has a continually evolving health & safety requirement, it was essential that the AMS system was able to be controlled and managed by the client. Utilising a simple flow diagram interface, the software is intuitive and straightforward and after a morning's instruction, the client operator was able to write, implement and amend checks as well as manage the data and create sophisticated reports.

In conjunction with the software application, Myers took delivery of 16 specifically configured handheld PDAs. These were assigned to different locations and password protected for authorised users. Once the checks were finalised at the control level, they were immediately accessible by the PDAs and those particular checks were fully functional on the new system. The flexibility of the AMS system allowed Myers to run their paper system alongside the electronic version making for a softer implementation. As individual checks were input, the AMS was able to take over seamlessly.

Although using very sophisticated software, most checks within the Myers Group follow a path of simple yes no or check-box multi-choice questions. Keeping the operation as simple and quick as possible, each check is unique and features degrees of complexity depending on the specific nature of the check.

The Myers Group is a large private construction based organisation employing over 300 people in some five distinct companies. The group includes ten builders' merchants, four ready mix concrete sites, a multi-faceted quarry operation, a timber yard, waste management and transfer station and an internal maintenance enterprise taking care of more than 200 vehicles (including specialist equipment, trucks, concrete pumps, mixers, cranes and skip wagons).

As a firm with large numbers of fixed machinery, power tools, mobile specialist plant and vehicles, the barcode identification option within the AMS system was vital. Attaching unique barcode identification to each and every asset involved in health & safety checks, means that the operators simply scan the asset then simply follow the instructions on their PDA. The audit trail left by each item and its user responsible for checks is comprehensive, complete and automatic. Security is even further underlined with the use of a signature window within the PDA once the check is completed satisfactorily.

Management is delighted with the powerful tools AMS presents and employees feel empowered to do their jobs better. The PDA technology is easy to use, simple, fast and effective. Saving time and resources at the sharp end and providing the very best detailed reporting, the system has impressed everyone involved including the health & safety authorities who have commented on the many advantages they have seen since the system came online.



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