



Assetminder

Plan. Manage. Record. Share.

Award winning, cloud & mobile based, fleet maintenance management system, offering maintenance planning, workshop management, driver inspection app, defect management, workshop inspection app and a powerful business intelligence tool.

Assetminder optimises fleet and workshop operations and drives efficiency, thereby reducing the total cost of ownership, whilst increasing asset availability, and ensuring compliance & safety.

Our software is currently in use by over 200 companies in the UK and Ireland, such as Glanbia, STL Logistics, Carna Transport, the National Ambulance Service, Surefreight and AW Jenkinson.

CASE STUDY BARNA RECYCLING

Barna Recycling offers a range of domestic and commercial waste collection, recycling, compost, and environmental services to over 60,000 customers throughout the west of Ireland. It employs over 320 people in four different facilities and has a fleet of over 130 vehicles which are maintained in its own workshop. Robert Whoriskey is the Transport Manager.

The planning and management of the maintenance operation was a largely paper-based system, the overall management of which posed several challenges:

- No single unified system
- Changes in personnel
- Data stored in different locations and difficult to access
- Lack of visibility of maintenance costs

One of the main drivers of the change to a new system was compliance. Several regulatory authorities including the RSA, the HSA and the Dept. of the Environment, now require data from transport operators to ensure compliance with the relevant regulations. Barna were determined that nothing less than full compliance was acceptable.

When Barna decided to go to the market in search of a solution, the criteria they looked for were:

- ✓ A system that could be deployed across multiple locations
- ✓ A system to manage the maintenance lifecycle of all assets, Civil Plant, Static
- ✓ Production Equipment and Ancillary Equipment, not just transport
- ✓ Fast and clear access to fleet data on a daily basis
- ✓ Had to provide data input capability to both drivers and fitters.
- ✓ Ease of use; Drivers and mechanics had to be brought on board.

IMPLEMENTATION

One of the expected challenges of implementing the new system was getting user acceptance, particularly from drivers and fitters, most of whom would have had limited exposure to technology. Fortunately, according to Robert, "the fact that Assetminder is very intuitive in design and layout meant that it was easy to learn how to use the different elements, particularly the mobile inspection and jobcard apps."

THE NEW PROCESS

Each driver was equipped with a smartphone with the Assetminder inspection app installed. Every morning before taking the vehicle out on the road, the driver must by law, carry out a walkaround inspection of the vehicle. If a defect is found, the driver is obliged to record it and grade the level of severity of the defect. The inspection data is immediately transmitted to the fleet managers' Assetminder dashboard in the office where it is analysed, and if action is required to remedy the defect,



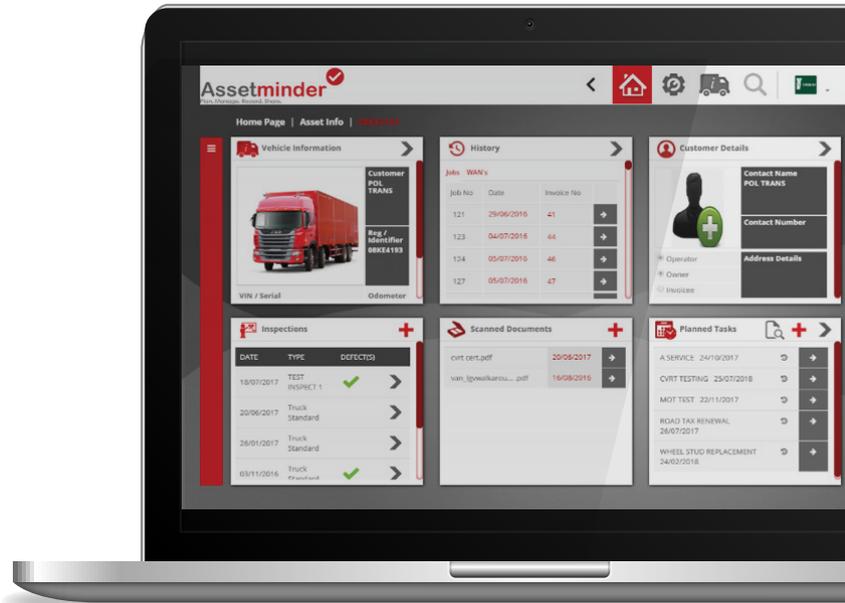
it can be recorded on the Assetminder maintenance planner, and scheduled for the workshop.

When the vehicle visits the workshop, an electronic jobcard will have been generated by Assetminder, with a list of the work to be carried out on the vehicle. The fitter views this via the Assetminder app on his tablet PC. He logs in to the job via the app and his time is thus recorded. A record of the work carried out is also stored on the app and

when the job is complete, it automatically updates the main system so that an invoice can be generated, and the jobcard is closed. The vehicle history is automatically updated as soon as the jobcard is closed.

The fitters Assetminder app also allows him to carry out detailed regulatory inspections on the vehicle, which also updates the vehicle history file. Vehicle history is an important record of all of the maintenance work that has been carried out on the vehicle, and is a regulatory requirement which is enforced by RSA, including at their roadside inspections.

As data is constantly being input into the system by all of the various players in the operation and maintenance of the vehicles, the Assetminder database quickly builds up a wealth of data about



the companies' assets. Making sense of this data is key to the successful operation of the fleet. Assetminder's business intelligence tool facilitates the interrogation of the data and produces reports designed to analyse and interpret that data.

OUTCOMES



BUSINESS INTELLIGENCE

The analytics reveal big-picture trends with the ability to instantly drill down to the details and understand the causes of higher-than-expected costs, with costs analysed over time, per kilometre or hour. Productivity can be also analysed by trade, staff, and task, with comparisons across dimensions such as location and time-frame. The intuitive cost analysis gives fleet managers the ability to interactively slice, dice and graph data by manipulating variables such as sub-type (clutch, tyres, etc.), make, range, model, asset type and



reason (such as accident, avoidable damage, and scheduled maintenance).



COMPLIANCE

Assetminder was instrumental in helping Barna meet the deadlines imposed by the regulatory authorities. The recently introduced Commercial Vehicle Operator Risk Indicator (CVORI), which aims to improve the safety of heavy commercial vehicles on our roads, was a case in point. Assetminder was instrumental in that it provided a system that allowed vehicle maintenance planning, ensuring that 12-week vehicle safety inspections, CVRT's, and servicing were carried out on time, were costed and recorded. Without a system like Assetminder in place, Barna would have had a higher risk rating and therefore been subjected to a higher number of inspections by the RSA. As a consequence of implementing Assetminder, Barna's initial rating was an impressive 75% for fleet maintenance and 73% for drivers.



PRODUCTIVITY

The system has delivered some significant gains to the workshop. Fitters now complete inspections and jobcards on tablets and PC's located in each of their five workshops, with the completed inspection sheets and jobcards uploaded directly to Assetminder.

The results are impressive: "Assetminder helped maximise the benefit of our three-shift system in our main workshop allowing fitters to check progress on work started on the previous shift. Productivity increased and mechanics tool-time increased. The mechanics are very enthusiastic about the product. We have increased workshop productivity by over 33 hours a month and have saved around 500 sheets of paper a month too."

"We now have the ability to monitor how quickly our workshop is processing job-cards and identify potential problem areas in advance. The system is not only saving time but is also improving the accuracy and completeness of reporting, boosting efficiency, and simplifying fleet management."



COST SAVINGS

With the ability to analyse costs that Assetminder provides, Barna has been able to make significant savings on expenditure with suppliers and service providers by comparing costs etc. It has been able to dramatically streamline its administrative processes. The system creates an entirely paperless solution to manage workshop administration, getting rid of the need for paper copies of service records. Barna is currently saving over 40 hours a month in administration alone.

