

routeMASTER news



updates from AGM



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Vehicle theft prompts skip hire firm to fit tracking system

Bourne Skip Hire, the Peterborough-based recycling and waste management specialists, report 'all-round improvements' ever since installing routeMASTER vehicle tracking, after a lorry was stolen almost 10 years ago.



"Originally, we fitted the first AGM trackers to the fleet right after one of our vehicles was stolen," explains BSH Director Chris Seggie. "It was a logical response to the problem and at the time, we expected it just to come in handy in case of another theft. However, as time has gone by, we have benefited from the system in many other ways."

The routeMASTER vehicle and driver tracking system enables BSH to track their entire fleet in real time while monitoring each individual job and delivery. ETAs are automatically updated which, says Chris, allows the traffic team to keep customers in the loop.

Furthermore, BSH is able to download individual driver's time sheets and keep a check on any disparity between time punched and actual vehicle activity over the working week.

"We run a diverse and busy operation from two depots," continues Chris, "each with a 15 mile radius, and we make around 7 to 8 drops and collections every day. The service covers most aspects of waste disposal, along with private and commercial skip hire, our 'Junk Squad' house and retail clearance service and even a dedicated 'man with a van' for fast 'pick-up and go' requirements. Also, with our own waste transfer station we maintain a high percentage of recycling."

"All of this," adds Chris, "comes under the watchful eye of the routeMASTER system, which means that we keep tabs on every job at all times during the day."

The minute-by-minute journey details provided by the system include vital data regarding the actual way that the vehicle is being driven, including high acceleration, braking and cornering.

Cloud based and accessible from any location, using PC, iPhone, iPad or android devices, the information can then be retrieved and reviewed with individual drivers to help grade and improve performance.



"We started with routeMASTER many years ago" concludes Chris Seggie "and frankly have never looked back. What started as a simple method to solve a potential vehicle theft, ended up as an integral part of our everyday business. It has certainly paid for itself and without doubt, the technical back up service from AGM is faultless."

Bourne Skip Hire and recycling also provide a garden and waste electronic equipment (WEE) clearance service.

AGM Telematics announce the updated release of their popular

routeMASTER mobile app – vehicle tracking info on the move!

The **routeMASTER mobile app** enables users to view the real-time location of their vehicles and access the core features of the system whilst on the move. The app is **free to download** and can be used by all routeMASTER customers.

Key features:

-  **Vehicles View** - a summary of all the vehicles and their present status.
-  **Map View** - show all the vehicles, zoom to individual vehicles to enable toolbar actions, Dashboard, Replay, Share Trip & Fast Track.
-  **Live Tracking** – shows the latest location of a chosen vehicle in real time. Live data 'pushed' to the app.
-  **Fast track** – override the standard update rate, giving 5 second updates before returning to the standard rate.
-  **Route replay** – shows the trips carried out on any day since the unit was installed.
-  **Dashboard** – 2 pages of today's data, giving location, alerts, driver information, MOT & service dates & live activity feed.
-  **Share Trip** – share access to view a vehicle's current trip by sending an emailed link.



“ Some customer comments so far...

“Great app, works well and a great idea for keeping an eye on the fleet while on the move”
Iain Haddock: Northants Commercials, Corby.

“What a fantastic app this is, so easy to use and mirrors my PC app application, great that I can track my vehicles whilst away from the office, 5 star”!! Big G Dub

“This app is quality, I can look at any vehicle or trailer from anywhere at any time of the day, I would be lost without it now”
Tony Madigan: Mason Brothers Transport, Swineshead, Boston



**Update your vehicle tracking today with the routeMASTER Mobile APP!
Call 01536 401900 now for further info or visit www.route-master.com**

AGM routeMASTER tracks electric buggy as it rides European WAVE

Green Motor Sport, the electric vehicle technology innovator, has completed its annual drive across the heart of Europe in a solar powered electric buggy, which was tracked all the way by AGM's routeMASTER vehicle tracking and monitoring system.

Two, solar powered electric cars, designed and built by Green Motorsport, set off on June 13th from Plauen near Berlin and joined 90 other teams from around the world on the WAVE (World Advanced Vehicle Expedition) as it embarked on its fifth annual tour across four countries, in often difficult off-road terrain to finish in the high Alps on June 21st.

Along the way, the expedition paused to give demonstrations for schools, local businesses, government offices and communities regarding the merits of sustainable energy and the part which solar-powered eco-friendly vehicles can play in the global drive to conserve energy and protect the environment.

Behind the wheel of the lead Green Motor Sport buggy, named Tapir, was Managing Director Gordon Foat.

"The Tapir buggy was installed with a state of the art tracking telematic monitoring system for WAVE. The system is called routeMASTER and is sponsored and supplied by AGM Telematics. It provides a record of each vehicle's movements on a minute by minute basis throughout the day. Easy to use software provides live journey start/stop times and reports plus minute by minute journey details."

AGM's routeMaster also records how the vehicle is being driven and provides details of any heavy acceleration and braking. This enables vehicle operators to make fleet and driver comparisons. Driver feedback and coaching reports are generated to show where efficiency improvements can be made. Battery voltage can also be monitored in real time.

AGM Director George Weston and his team have worked closely with Green MotorSport to develop a bespoke system for the unique tracking and monitoring requirements of their prototype buggy during the WAVE challenge:

"The Green Motorsport philosophy – to provide sustainable alternatives to conventional and less environmentally friendly vehicles - fits well with our own. Our routeMaster telematic system is a cloud-based modular tool set which comprises three core modules – planning, dispatch and tracking - all of which are designed to improve vehicle efficiency and in turn help to reduce energy consumption."



"The real-time tracking module which is being used by GMS and many commercial vehicle fleets throughout the UK, has the ability to provide automatic updates regarding, speed, location, acceleration, braking and even hard cornering. For GMS, the live monitoring is important in order that key vehicle data can be instantly reported and also used for later performance analysis."

Although the motors used in the GMS prototype were producing maximum continuous power while climbing the mountains, due to their efficient liquid cooling design they were, according to Gordon Foat, performing better than expected: with over 15.5 kW continuous power output on some of the most prolonged and aggressive mountain climbs in the Swiss Alps.

On the way down the mountain, the batteries were recharged using regenerative braking. Regen braking comes as standard with all Green MotorSport motor packages and in these demanding conditions, GMS were able to significantly increase the buggy's range using the energy gathered from the descent.

"The objective of Green MotorSport" continues Gordon, "is to provide drive trains for purpose built electric vehicles which people can afford to buy. This technology is highly adaptable and can be used in many applications, including private commuting and personal mobility or for commercial use.

"With the right body adaption, the clean-energy system is ideal for local deliveries, particularly in an urban environment where noise is an issue. The vehicle currently achieves over 100 miles range on a one 4 hour charge and this will increase as we make advances with the technology."

Editor's note:

GMS has spent over 10 years designing, developing and refining electric motors for the light vehicle market that are efficient, powerful and cost-effective.

The company now manufactures and sells its own in-house designed liquid cooled electric motor, together with all other components required for an electric drive train solution.



Green MotorSport buggy called the Tapir, seen here at the highest point in Europe at 2750 metres in the Italian Alps with Gordon Foat of Green MotorSport

3 Quick Ways to Fleet Success!

1. Planner:

- Same work – fewer vehicles, less cost
- Eliminate manual planning – instant scheduling
- Extend order cut off time – increase order capacity
- Reduce fuel – less cost
- Intelligent load-to-vehicle allocation
- Instant ETAs for customer notification



“It isn’t until you have the system in place, live with your factual data, that you can actually say yes, this is helping us, and how on earth did we manage without it?”

Meatlink.

2. Dispatch:

- Cloud based – multi-user access
- Live job push and live change direct to drivers
- Constant, live status for tight fleet control
- Customers book jobs online
- Live, paperless PODs and emailed consignment notes
- Reduce traffic office handling



“Remarkably easy to use. System pays for itself”

Cool Express.

3. Tracking

- Improved traffic control
- Automatic ETA updates
- Constant driver performance monitoring
- Reduce idling – cut fuel costs
- Reduce time sheet errors and overpayments
- Absolute control over costing’s, mileage, time on job and overtime



“There’s no doubt the routeMASTER system is now an invaluable tool for us and is self-funding to say the least. It’s easy to use, well supported by AGM Telematics and we wouldn’t be without it!”

Paul S. Winson Coaches.

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Oakley Industrial Services improve fleet utilisation using routeMASTER tracking from AGM

Oakley Industrial Services, the facility management and construction specialists, report improved vehicle utilisation and more accurate job scheduling since fitting the routeMASTER tracking system supplied by AGM Telematics.

"We started with the system about a year ago" says Director Natalie Clarke, "with the aim of improving the way we allocate vehicles to particular assignments. Previously we would spend quite a lot of time trying to locate drivers and would have to calculate when they could get to the next job."

Now, Natalie and the team can monitor each vehicle's movements in real time from the moment they switch the engine on until the end of the day.

"We have the ability to switch vehicles from job to job with no uncertainty regarding the optimum route to take. We can also keep tabs on individual driving history and always know how long each driver has been behind the wheel."

This, according to Natalie, helps to maintain cost effective journey plans, reduce time wastage and save fuel. Furthermore, the traffic office can provide customers with accurate and instant ETA information at any time.

"For every project" concludes Natalie Clarke, "we provide detailed risk and method statements along with safety planning and security



provision. Accuracy and safety lies at the heart of what we do and it makes good sense to bring our fleet control in line with general policy. Certainly, the routeMASTER system provides a number of benefits in this regard and it fits well with our overall approach of supplying a reliable and efficient backup service in the field."

Oakley Industrial Services is based in the Midlands and provides a nationwide service which covers all aspects of facility management including roof maintenance and gulley clearing, fall protection, drain jetting, general façade maintenance and wall cladding.

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