

THE END-TO-END LOGISTICS,  
'BACK-OFFICE' SOLUTION!

route**MASTER**   
SIMPLY MILES AHEAD!

# routeMASTER is a cloud based modular toolset consisting of:

routeMASTER Planner  
routeMASTER Dispatch  
routeMASTER Tracking



Vehicle	Driver	Route	Location	Destination	P16	ETA/ETA
W103 D101	Heath Morris	Route 1	Stone Road, Edgbaston, Birmingham	Central	06:11	06:02
W103 D101	Heath Morris	Route 2	44, Radcliffe, Nottingham	281, Radcliffe	06:18	06:14
W103 D101	Heath Morris	Route 3	Stone Road, Edgbaston, Birmingham	Frank's Butchers	06:21	06:13
W103 D101	Heath Morris	Route 4	44, Radcliffe, Nottingham	Joseph Martin	06:46	06:13
W103 D101	Heath Morris	Route 5	Stone Road, Edgbaston, Birmingham	Joseph Martin	07:06	07:02
W103 D101	Heath Morris	Route 6	44, Radcliffe, Nottingham	Teddy Bros Butchers	07:27	06:59
W103 WF 2	Johnny Head	Route 2	44, Market Harborough, Leicestershire	The Meat Shop	07:29	07:13
W103 WF 2	Johnny Head	Route 2	44, Market Harborough, Leicestershire	334 Midland Street Ltd 07:33	07:13	
W103 WF 2	Johnny Head	Route 2	44, Market Harborough, Leicestershire	Midland Foods Stone	08:23	08:19
W103 D101	Heath Morris	Route 1	Stone Road, Edgbaston, Birmingham	Coastal Butchery	08:38	08:18
W103 D101	Heath Morris	Route 2	44, Radcliffe, Nottingham	Writers and Ton	09:02	08:17
W103 WF 2	Johnny Head	Route 2	44, Market Harborough, Leicestershire	334 Midland Street Ltd 09:02	09:02	
W103 D101	Heath Morris	Route 3	44, Radcliffe, Nottingham	Andrew Yates	09:18	08:24
W103 D101	Heath Morris	Route 4	Stone Road, Edgbaston, Birmingham	Clives Butchery	09:18	09:13
W103 WF 2	Johnny Head	Route 2	44, Market Harborough	334 Midland Street Ltd 09:18	09:18	
W103 D101	Heath Morris	Route 5	44, Radcliffe, Nottingham	Cambridge Butchery	10:07	09:57
W103 D101	Heath Morris	Route 6	Stone Road, Edgbaston, Birmingham	Rose Butchery	10:18	10:21

Each module can be used individually or together to offer significant improvements in operational efficiency while reducing costs. When all three modules are combined you get a complete end-to-end logistics back office solution including

- ▶ Cloud Based TMS Traffic Management System.
- ▶ Customer Portal for booking jobs online and viewing/printing POD.
- ▶ Customer selectable time windows for collection, delivery and service calls.
- ▶ Auto routing and scheduling system to turn job lists into manifests with one click.
- ▶ Customer ETA notification by SMS and Email.
- ▶ Live Dispatch system to send the jobs onto the drivers screen with turn by turn navigation between stops.
- ▶ Live modification of the plan, add new jobs and send them live to the driver's display.
- ▶ EPOD signature capture and live emailed electronic consignment notes.
- ▶ Live vehicle tracking with live ETA updates of all scheduled jobs.
- ▶ Driving style monitoring and reporting.
- ▶ Comprehensive vehicle telematics reporting.
- ▶ Planned vs actual analysis and reporting.
- ▶ Optional CANbus fuel usage and tachograph interface.

routeMASTER gives fleet operators the ability to track the exact location of vehicles, drivers and assets in real time. This allows proactive decisions to be made to improve response times and increase operational productivity, maximizing the efficiency of your fleet and workforce.

Unlimited user licenses encourages all departments to benefit from the live view of the fleet, workforce and the workload.

The entire routeMASTER platform is built on the latest 'Here', Premium mapping platform with maps updated automatically every quarter and all software updates are free for the life of the system.

# routeMASTER PLANNER

routeMASTER Planner is a comprehensive fleet route planning system automatically converting orders and work lists into optimum route plans, sequencing stops in the most efficient travel sequence while using the fewest vehicles possible to carry out the work.

routeMASTER Planner is highly configurable and relevant to any type of industry fleet, general haulage, parcel delivery, service industry etc... enabling you to automatically schedule work for your entire workforce.

routeMASTER Planner delivers every time.

## Features

Import job data from existing planning systems, TMS, CSV files, Excel files or use our API.

Automatically calculates least cost fleet plans.

Calculates complex fleet scenarios with deliveries, collections, multi-drop, time window constraints. Handles complex rules for drivers skills, vehicle and site specific rules to handle real world business logic.

Calculates realistic route times and ETA's using predictive traffic patterns to give realistic driving times along with customisable vehicle options.

Dynamically add new jobs into the planned schedule in real time and automatically assign the job to the vehicle that can carry out the work within its load capacity and driving hours at the least cost while meeting the customer's service expectations.

Creates legal routes that comply with driving time legislation and load capacity of vehicles.

Incredibly fast calculation times that can optimise thousands of deliveries in less than a minute.

Manual drag and drop route editor to fine tune plans.

Give your customers email and SMS ETA reports the day before. When linked to routeMASTER Tracking customers can live track the vehicle when it's on route to them.

When linked to routeMASTER Dispatch work manifests are automatically delivered to the driver's smartphone or in-cab display.

When linked to routeMASTER Tracking it enables planned vs actual analysis of the route. Quickly and accurately identifies problems and discrepancies for use in the driver debrief.

## Benefits

### Improve efficiency

Calculates the optimum deployment of your fleet to do the same work with less vehicles.

Eliminate time consuming manual planning and schedule calculation with automated fleet planning taking only seconds to complete.

Order cut off time can be extended, allowing more orders to be received on the day.

### Reduce operating costs

Calculates the optimum stop sequence to minimise mileage, fuel and CO2 emissions.

View route costs vs margins at the planning stage; choose the most cost effective strategy for your organisation.

Allow on-the-day jobs to be dynamically deployed to the most cost effective vehicle and driver with enough payload and working time available to complete the job.

### Improve customer service

Plan achievable schedules with realistic route times and ETA's.

Give your customers ETA notifications and live tracking access.

Give your customers a better service with time windows for collections/deliveries and service calls.



# routeMASTER DISPATCH

routeMASTER Dispatch is a powerful cloud based Traffic Management System. Jobs of any type can be created, edited and deployed to vehicles from an easy to use, customisable traffic view screen. All operators are synchronised so everyone works from the same plan no matter where they are physically located.

routeMASTER Dispatch can function stand-alone, integrated with existing TMS systems via our API or using one of our connection plug-ins to synchronise data between systems automatically without the need for csv files or manual updates.

The routeMASTER Dispatch app is available for Android and iOS, enabling drivers to log in and view their day's work. Job status's can be set for live updates to the office, job notes can be entered and customer signatures can be captured and electronically sent, all using your existing smart phones.

## Features

Cloud based Traffic Management system keeps all operators up to date with a live view of the work force and workload. Any changes are updated live to every user.

Integrated online portal so your customers can add and view jobs online. The customer portal can be integrated to your website with a few lines of HTML code.

Enables a paperless workflow system with live updates of job status's, notes and problems.

Android and iOS allow the dispatch app to be used with existing smartphones.

Live driver updates allows for last minute changes and new jobs to be pushed live to driver's screens.

Optional satellite navigation to give drivers turn by turn directions to the customer's address.

EPOD enables live consignment note emails and instant billing.

Vehicle Check List records any vehicle defects and alerts operations staff if defects are noted.

Two-way messaging between operators and drivers. If the vehicle is in operation then the message is read out to the driver.

## Benefits

### Improve Efficiency

Hosted, cloud based traffic management system consolidates and simplifies the back office system and management of job data with full multi user access.

Allocated jobs are pushed live to drivers' smartphones or in-cab display terminals, allowing for live changes to be made to the existing plan and new jobs to be dispatched.

Built in EPOD allows for paperless operation of your workforce and office.

### Reduce Operating Costs

Subscription-based licensing gives low cost of ownership and continued feature upgrades.

Optimise and visually check the deployment of work to your workforce to maximise work and travel time efficiency.

Always-live work status's allows operations staff to proactively identify and resolve issues before they become a problem.

### Improve Customer Service

Integrated online portal allows your customers to book jobs online and view EPODs for completed jobs.

Live paperless POD and emailed consignment notes delivered within seconds of signing the screen.

Increased customer response times and last minute job changes with optimally deployed workforce.



# routeMASTER TRACKING

A complete vehicle and driver tracking system. Track the entire fleet in real time, monitor progress of job and deliveries. Automatically updates ETAs and highlights issues in advance, keeping the customers in the loop before a problem escalates.

The system 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.

The system also records how the vehicle is being driven, any heavy acceleration, braking and cornering is reported and the vehicle/driver score has points deducted, allowing for fleet and driver comparisons along with driver feedback and coaching reports to show where efficiency improvements can be made.

## Features

Cloud based so that any user can access live from any physical location using easy to use software for PC, iPhone, iPad or android devices.

Live tracking of the entire fleet with all positions saved permanently.

Trip replay facility to review a vehicle's activity in exact detail.

Comprehensive management reporting suite with Microsoft Excel export.

Live dashboards give instant review of key performance data.

Configurable user access rights ensure only the right people view their assets, staff and data.

Real time alerts can be configured against a list of monitored conditions.

Driver profiling and scoring enables easy review of driving patterns and quickly identifies inefficient drivers.

Optional CanBus and Tachograph interface reports real fuel usage and enables driver sign-in using their Tachograph driver's card.

## Benefits

### Improve Efficiency

Improved traffic control and fleet deployment, enables live deployment of jobs to the best vehicle.

Cost effective journey plans, reducing time wastage and fuel costs.

Comprehensive reports to support the employer's responsibility to monitor, control and record events.

### Reduce Operating Costs

Accurate time-sheet information, reducing time-sheet errors and overpayments.

Reduce off-journey mileage, engine idling and CO2.

Identify inefficient drivers that require training to improve MPG.

### Improve Customer Service

Customer service staff can give instant location and ETA information to customers.

Service level agreements and targets can be monitored and reviewed.

Complete control for job costing's, mileage, time on job and overtime.

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