



Mission Passenger Services Software

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Mission Passenger Services

What is it?

The Mission Passenger Services software ("MPS") manages home to school passenger transport services, typically for government and larger community transport operations. Originally written in 1989 it has evolved into a sophisticated desktop and web multi-user system that handles all aspects of route management with GPS route recording and replay.

Route Management

Both recurring/school routes and one off jobs can be created with full schedules, passengers, drivers, escorts, vehicle, providers, accounts and purchase order details. All routes integrate with Microsoft MapPoint for instant time, distance and pick-up sequence optimisation. MapPoint route and passenger changes are updated dynamically into the Mission software. New jobs can be quoted and turned into live jobs at a later date.

Passengers

Home, carers, guardians and respite home addresses are stored alongside special needs, medical, mobility equipment, loading and annual assessment information for each passenger. Schedules of all routes, drivers, preferred escorts, journey times and mileages are stored for active passengers and kept for historic analysis.

Drivers & Escorts

Each Driver and Escort has address, agency, licence, CRB, training course, certification and photograph history stored on the system. Schedules display all days booked for drivers and escorts and these dates and times are used in the integrated timesheet system which has detailed costs and analysis reporting. Not-available dates (such as holidays) can be input and will be used by the scheduler.

Fleet Management

Integrated fleet management features include full vehicle details, annual MOT, Tax & servicing schedules and full job sheet analysis for workshop jobs which include stock parts, parts purchase ordered, employee time worked and analysis of chargeable and non chargeable components. All service jobs include a staff allocation and timesheet system for management of workshop staff hours.

Providers

Providers that operate bus or cab routes can be recorded on the system along with their pre-agreed rates. A sophisticated Providers' Rate Calculator instantly analyses all jobs to find the optimum lowest agreed rate for any job and therefore the cheapest provider. Providers' invoices and purchase orders are all integrated into the routing and accounting system.

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Accounts

The MPS system has a fully integrated accounting system for re-charging routes and handling providers' incoming fee invoices. By using the scheduler at the beginning of a school year it is possible to "pre-create" a whole years re-charge and incoming providers invoices to reduce manual input times. Many sales and purchase order reports are available.

Diary System

The system is driven by a sophisticated diary and scheduler which creates diary entries as soon as it knows the school or venue open dates and the passengers travelling to the venue. It automatically updates the schedules for routes, passengers, drivers, escorts, vehicles, venues and also handles cancellations and exceptions. The MPS Timeline view displays all activity for any day and makes it easy to see what is happening and make changes. A special screen displays any route on any day (future or past) to check occupancy, availability, passengers, drivers etc. and route reports display exactly which passengers are travelling on the selected report dates.

The diary system is used to calculate monthly recharges and providers fee invoices. It is also used in the statistical reporting system to analyse route costs, re-charges, costs per mile, costs by vehicle type, costs per passenger mile etc.

Routines have been created to handle events such as a school closing for a day – the scheduler will automatically cancel all entries for route, driver, escort, passengers and vehicle for that day.

Web System

The MPS web system can display full route information so that clients and other departments can view and monitor routes they have booked. New bookings can be made online and two different screens are available for transport requests. A secure login system maintains the confidentiality of data.

Parents and passengers can use the web system to send notes and other information instead of phone call or email.

Stats Analysis and Reporting

The MPS system has a sophisticated reporting system to allow full analysis of routes, mileages and costs. MPS is also supplied with a linked Microsoft Access database to allow administrators full access to all data in the system to write their own queries, reports and custom forms.

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GPS Route Recording & Playback

The MPS system is supplied with two GPS recorders for recording routes. This GPS data can then be downloaded and imported into the MPS system where it is analysed and plotted on a map. The route can be replayed and full distance, speed and location information is displayed. This can be useful for analysing drivers, mileages and route timings.

System Requirements, Security & Legal

The MPS software uses Microsoft SQL Server to store all data. Each user runs a compiled version of MPS as a Microsoft Access database. The web system is run on a Microsoft Internet Information Services (IIS) server linked to the SQL database. The MPS software has multi-level security built in with 3 different levels of user privileges and access. The system is supplied with licences to run the software and an ESCROW agreement is also available via the National Computer Centre in Manchester.

Services – Training

Mission IT supplies MPS with full user training and has a demo company set up to allow full testing and familiarisation without affecting live data.

Support & Assistance

Mission IT can install all components of the service and assist with existing data conversion. We supply ongoing support via a mix of on-site and remote desktop support under an annual support agreement. A web helpdesk system allows users to request help and monitor the progress of support jobs.

The standard report layouts can be amended to suit users and we offer a full customisation service to ensure that the software and web system suits your exact requirements.

About Us

Mission IT has been supplying the Mission Passenger Services software since 1999 and is currently based at Mill Street in the City of London.

Mission Passenger Services

Software Rental Option

High costs and complicated tendering processes discourage many local authorities from installing software to manage their SEN and school transport services, in these cases a flexible rental agreement is ideal.

The Mission IT rental option includes all the modules of our software, free software updates, free ESCROW, free installation, online web helpdesk and an option to buy a 25 licence pack for a nominal £250 on completion of the agreement (thus allowing full use of the software with no further rental payments). The agreement can be cancelled after 12 months with just 3 months notice.

We do recommend taking out a small support agreement to cover updates and support though and you may want to pay us for assistance with training and data conversion.

Software Rental Pricing

	Total Cost
12 monthly payments of £4,000, with option to purchase 25 user licence pack	£48,000
24 monthly payments of £2,300, with option to purchase 25 user licence pack	£55,200
36 monthly payments of £1,750, with option to purchase 25 user licence pack	£63,000
Daily rate for training, data conversion, customisation or other consultancy	£600
Annual support agreement (optional)	£3,500

Just email info@missionit.net to find out more about software rental.