

Case Study

Transport Authority

Vehicle Maintenance Database

The Challenge

The company manages a fleet of vehicles ranging from cars to double-decker buses. They require a system that allows them to immediately view the maintenance history of a vehicle. A paper-based system was being used to manage the maintenance operations and the timesheets of maintenance staff. This was proving difficult to search to provide the management analysis required.

The Solution

The system allows the entry of Engineers Timesheets and the General Work Tickets for each vehicle that the Engineers are working on. These are cross-referenced so data can be searched by vehicle, engineer, date range and various other criteria.

A web-based application has been developed so it can be accessed from any office. The data is stored on a Microsoft SQL server database so it can be easily reported on.

The Benefits

- The use of external consultants allowed the cost effective development of the system without needing to employ a full time developer
- The data entry system exactly mirrors the existing paper based system so can be immediately used by the existing staff.

The Technologies

- Microsoft ASP.NET
- Microsoft VB.NET
- Microsoft SQL Server 2005
- AJAX



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