# Delivering IT solutions for transport

Continuing changes in technology provide opportunities to improve business processes and productivity but also present challenges to decide which technology to apply, when and how.

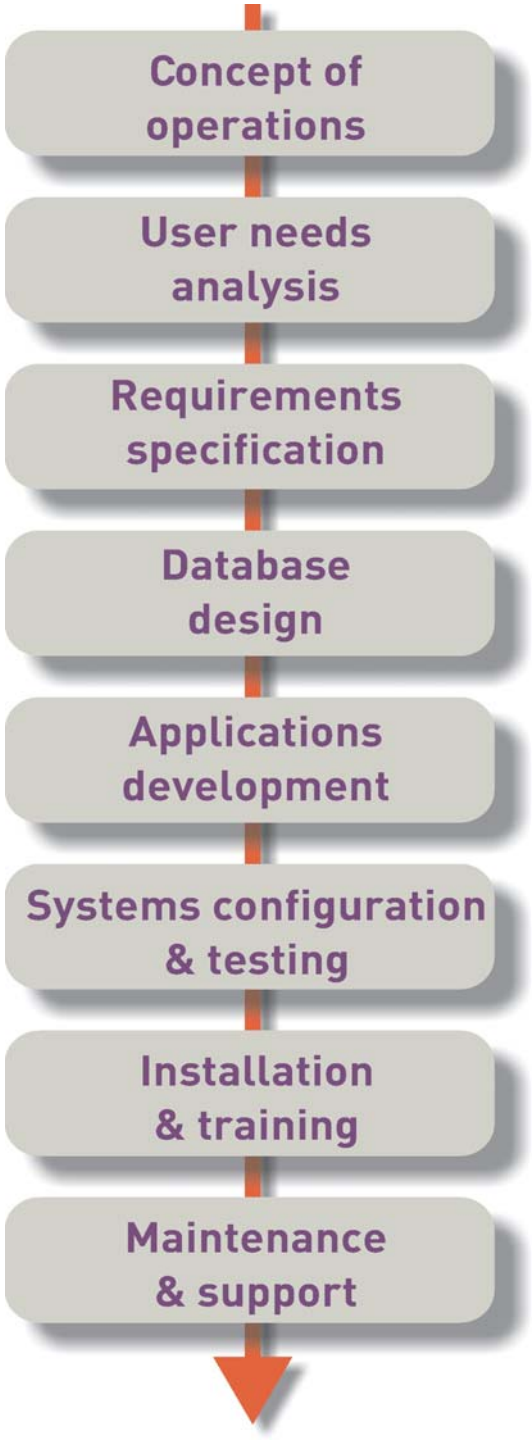
## Making the best use of your IT Investment

At MVA we understand the complexities of IT implementation in transport and use this knowledge in our software development and consulting projects.

- Thorough understanding of your business processes and requirements;
- Small is beautiful - choosing the appropriate technology for the job and not over-designing the solution;
- Developing solutions that are scalable and open systems to future-proof your investment; and
- Proven methods of design and development to industry standards.

## Our customers include:

- Department for Transport
- Transport Scotland
- Transport for London
- Metro (West Yorkshire PTE)
- Dumfries & Galloway Council
- Suffolk County Council
- Hertfordshire County Council
- BAA plc
- Highways Agency
- Strathclyde Partnership for Transport

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## Examples of Transport Information Systems

### TRAVL Database for Transport Assessment

We were appointed by London Councils (formerly Association of London Government) to continue to manage, maintain, upgrade and market the TRAVL database, used for travel plans and transport assessments. Through consultation with existing users and the TRAVL steering group, we identified and agreed a number of enhancements to the existing software in order to improve user-friendliness of data entry, retrieval and reporting.

### School Bus Pick-Up and Drop-Off Assessment System

We developed a Pick Up and Drop Off (PUDO) Assessment System for Dumfries and Galloway Council. Previously the council had used paper assessment forms to collect data on PUDO stops which were then entered manually into a computer database. The new system automates most of the data processing and analysis and includes data collection on a Smartphone with in-built GPS. Once the data is collected it is downloaded automatically into the database. The information is combined with OS MasterMap in a GIS application, which allows the user to query and display the PUDO assessment data alongside NaPTAN bus stops and bus routes. The mapping application is used to analyse hazardous PUDO locations and remedial actions. The automation of the assessment procedure has greatly improved data accuracy, data analysis and efficiency in carrying out the PUDO assessments.

### Fit for the Future Website

For the Adur, Arun and Worthing Primary Care Trust we provided an online tool for West Sussex residents to access travel time to healthcare information. This made use of previous analysis undertaken using the West Sussex County Transport Model. The data available allowed comparison between existing travel times and forecast travel times following reorganisation of healthcare locations. Travel times were included for public transport travel in addition to peak and off peak car journeys.