delivering intelligence into transport solutions

CAPITA SYMONDS

successful people, projects and performance

a complete consultancy service in intelligent transport systems

the only UK consultancy to have designed, implemented and managed a comprehensive congestion charge system

Capita Symonds has over 35 years' experience in applying intelligent transport systems to solve transport problems. We address the multiplicity of elements that form a transport strategy and bring the necessary clarity and innovation that is required to deliver an innovative transport solution.

We are in a position to advise on the use of technology in transport, its application and benefits. Importantly, we value options independently, confirm business cases and work with a wide variety of stakeholders to realise a solution. We offer consultancy advice from the early stages of project inception, feasibility, and outline design through to project finance, procurement and management. Our 4000 strong multidisciplinary team of professionals means Capita Symonds brings together expertise from a wide body of expertise to bring a comprehensive service to our clients.

advanced traffic management systems
back office systems and call centres
bus systems
business case development
detection and DSRC systems
enforcement systems
financial modelling
Intelligent Transport Systems
mobile and fixed network solutions
parking systems
PPP partnerships and project funding
real time passenger information systems
road user pricing schemes
security systems
technical evaluations
traffic access control
traffic control systems
transport modelling
travel demand management
transport policy and strategy

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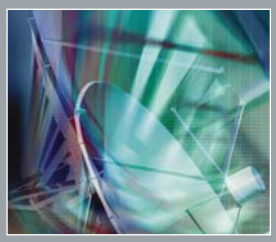
Road User Pricing

We specified, implemented and now operate the London Congestion Charging System on behalf of TfL. We understand all key technical and fiscal factors that comprise a road user charging system, and our financial and business case models can be applied to any proposed scheme.



Telecommunications Systems

Key to any ITS system is suitable fixed or wireless communication systems. Our telecoms professionals provide technical, operational and financial expertise allowing business cases to be developed around a wide variety of telecoms solutions, to deliver maximum current and future value to our clients.

Real Time Passenger Information Systems

We have undertaken feasibility studies, determined business cases, and subsequently project managed and implemented a large number of RTPI systems, including major countywide systems. We also developed processes for bus management and scheduling.

Roadside Detection and Communication Systems

Roadside detection and short range communications are central to effective traffic management and control. We are leaders in the use of ANPR systems for traffic control and security and have undertaken research, development and implementation of DSRC systems.

ITS Research and Development

Capita Symonds is one of the Highways Agency suppliers for research and development and technical consultancy for their Safety, Standards and Research Division. Our work includes consultancy in telecoms, ITS and compliance systems.

Roadside Traffic Information Systems

Capita Symonds has been instrumental in the specification and deployment of traffic information signs across the strategic road network, and for specific localised traffic management initiatives for local authorities. Values have ranged between £500k and £12m.

Compliance Systems

We provide leading edge consultancy services to public sector authorities seeking improved compliance for their traffic management systems. We developed both the London congestion charging system based on proven legal process, and enforcement systems for the Speedcheck average speed system.

Traffic Control Systems

Our ITS professionals plan and specify comprehensive traffic control and signalisations systems. Using advanced control systems such as UTMC and Scoot allows network capacity to maximised. Our work for TfL in deploying their realtime JTMS systems for the London congestion charge is an example of our work.

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