

Consulting Services

The evolution of Intelligent Transport Systems (ITS) over the last decade has seen the emergence of fully integrated solutions, designed to manage entire road networks. Successful deployment of a modern ITS solution requires diverse expertise to turn ITS needs into a working system.

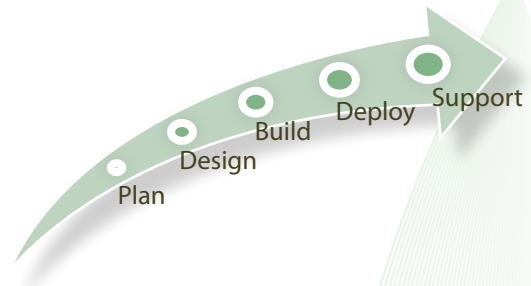
As the developer and integrator of STREAMS, Transmax's strength lies in offering consultancy services throughout the entire ITS lifecycle to take your ITS objectives through to reality. From strategic conception to system support, Transmax can work with you and your suppliers to deliver end-to-end planning and management across your whole network.

From your corporate ITS strategy, Transmax ITS consulting services can develop ITS strategic plans utilising current and future STREAMS capabilities in line with the product RoadMap and development programme. This planning ensures that the required ITS equipment and communications infrastructure is aligned with the ITS software functionality.

Transmax can help you to translate high-level ITS objectives and requirements into system requirements specifications and conceptual system designs and turn them into solutions involving ITS software, devices and communications. Transmax has a team of engineers able to perform the planning, design, installation, configuration and commissioning of the integrated ITS solutions.

Transmax has an experienced Technical Support team to provide efficient and economic support for all of the STREAMS installations under service-level agreements. Transmax is flexible in establishing a support arrangement to suit the customer's in-house capabilities.

Transmax consulting services performs ITS R&D and ITS optimisation and tuning to ensure STREAMS deployments meet the initial ITS objectives.



Transmax has developed an ITS Project Lifecycle template and associated processes which enable the procurement of an ITS solution to be planned and mapped out to suit your organisation's business needs. This lifecycle may be intentionally partitioned to clearly define the scope and hand-over boundaries associated with any ITS procurement process.

Transmax's experienced staff can provide key documentation to assist you through the procurement process whether it is via EOI, RFT, RFP or in the tendering process itself.

ITS Consulting Services

- » Strategic planning and requirements specification
- » Business case development
- » Business continuity planning and design
- » Concept design and options analysis
- » ITS research and development
- » Performance evaluation and optimisation
- » Information management and distribution - collection and use of ITS data to meet business objectives
- » ITS solution deployment and performance tuning
- » STREAMS data entry, schematic and graphics preparation
- » Professional development and training

Systems Engineering Consulting Services

- » Systems and communications concept and detailed design
- » Research and investigation of technology design
- » Systems architecture and interface design
- » Systems and networking documentation
- » Network security auditing
- » Project Management
- » Systems Integration and deployment – installation and commissioning

ITS Process and Procurement Services

- » ITS specification preparation and review
- » Development of ITS standards
- » Tender preparation and supporting reference documentation
- » Tender evaluation

Technical Support Services

- » STREAMS product and operational support
- » Installation and configuration (including commissioning)
- » Preventative maintenance and network monitoring
- » Hardware and software troubleshooting
- » Hardware repairs
- » Equipment evaluation and sales

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