KEY CONTACTS

If you would like further information about any of the services listed in this leaflet, or would like to discuss how we could help you with your next project, please contact:

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INTELLIGENT TRANSPORT SYSTEMS
THE WAY FORWARD
With the number of vehicles on the road set to increase over the coming years, the advancement of the road transport network through the application of intelligent transport systems becomes vitally important.

Improvement of the road transport network is a complex problem, involving infrastructure, vehicles and advanced technology. By identifying and mitigating technological and business risks associated with such multifaceted projects, we help our clients direct resources where it's most needed.

SYSTEMS ENGINEERING
Using ISO/IEC 15288 (Systems Engineering - System Life Cycle Processes) as the benchmark standard, Frazer-Nash provides a comprehensive range of Systems Engineering services in all stages of the system life cycle. These include:

- Requirements engineering
- Technology management
- Concepts & option studies
- Acceptance management
- Availability, Reliability, Maintainability (ARM)
- Human factors analysis

SECURITY AND RESILIENCE
Frazer-Nash takes a systems view of organisational resilience and security. We offer a broad range of services that individually offer deep technical insight and collectively provide a coherent, holistic, picture of resilience, enabling evidence-based decision-making. Our services include:

- Physical security modelling & assessment
- Information risk management & cyber security
- Business continuity management
- Risk management
- Asset management
- Supply chain management

SOFTWARE, MODELLING & SIMULATION
Frazer-Nash’s strengths in software engineering are centred on our ability to understand and model complex, often nonlinear, systems and their control. We can offer a variety of services to meet these requirements:

- Development of models to enable asset tracking & simulation, assessment of alternative traffic management schemes
- Supply & demand modelling
- Modelling and simulation of control systems and circuits

SAFETY ANALYSIS AND MANAGEMENT
Frazer-Nash’s safety capability is built on experience from many different domains including nuclear, defence, rail and automotive. The safety services we can provide include:

- Safety management systems & planning
- Hazard identification & risk assessment
- Safety Integrity Level (SIL) derivation
- Safety Analysis – FTA, ETA, FMECA, GSN
- Safety Case Development / Authoring

RECENT EXPERIENCE INCLUDES:
- Development of bespoke model to analyse depot capability
- Safety analysis for a novel rail signalling concept
- Modelling of vehicle fleet supply and demand to optimise resource usage

To find out more about Frazer-Nash visit www.fnc.co.uk