

Geospatial Systems Consultancy

Service Category: Cloud Migration Planning, Cloud Support Services

About Our Service

Frazer-Nash's geospatial services cover the full project life-cycle, supporting greater efficiency and innovation in public systems and service development. Technology neutral, we specialise in open GIS architectures. Services cover architecture and design, technology selection and road-mapping, spatial analysis, BIM, cloud deployment, and emerging technologies including linked data and machine learning.



Service Features

Cloud-based geospatial services, including spatial analysis, modelling and automation

Information and data modelling for geospatial data

Business analysis for requirements capture and management

Standards-based systems architecture and modelling (e.g. TOGAF, ArchiMate)

Large-scale geospatial data processing pipelines, and data migration

Technology selection, road-mapping and review including COTS and Open software

Advice on open systems architectures and geospatial standards (e.g. OGC)

Machine learning, linked data and semantic text analysis

Geospatial metadata management, including catalogues and registry technologies and standards

Security architecture and information assurance for secure geospatial systems

Service Benefits

Independent and impartial advice on geospatial services and emerging technologies

Reduce whole-life cost by avoiding vendor lock-in

Identify and benefit from shared services and data

Gain support for GOV.UK implementations and adherence to GDS guidelines

Secure data migration

Respond quickly to changes in user requirements

Increase interoperability within organisations and with other stakeholders

Sector specific advice for defence, security policing and transport

Sector specific advice for energy, nuclear, environment and central government

Detailed Service Definition

Maximising the value of geographic information and other data linked to location has the potential to help deliver outstanding public services and generate savings for citizens. Public bodies are being challenged to move beyond 'digital usage' of geospatial data and deploy cloud-based geospatial intelligence tools as enterprise solutions. Geospatial systems have a unique ability to integrate information and services across departments, helping to break down organisational siloes and creating opportunities for innovation, and contributing to broader digital transformation goals.

Frazer-Nash is an independent consultancy providing advice to clients across a wide variety of technical capabilities, including geospatial consulting services.

Detailed Service Definition (continued)

We are technology agnostic and specialise in open systems architectures, which are essential for delivery of agile, interoperable systems that support technical and commercial flexibility. Our independence enables us to support and critique architectures regardless of the chosen technology or methodology.

We have expertise in architectural frameworks and relevant open standards, including the W3C and Open Geospatial Consortium (OGC) standards that power the geospatial web. Our expertise extends to advising on adoption and implementation of open source software and Geographic Information Systems (GIS). Our services include technology evaluation and selection, horizon scanning, and roadmap development - drawing on our broad knowledge of commercial and open geospatial tools and technologies.

We are knowledgeable in design and deployment of desktop and web/cloud-based GIS and Spatial Data Infrastructures (SDI), with particular expertise in metadata management, catalogue and registry development, security, modelling and simulation, and data processing pipeline/workflow services. We can also advise on the potential role of emerging technologies such as Digital Twins, Machine Learning, Deep Learning and other forms of AI to support advanced and next-generation geospatial systems.

Detailed Service Definition (continued)

This service meets the need for specialist geospatial expertise for organisations who are looking to deploy geospatial web services which meet the Digital Service Standard. We can support each phase of an agile project and are able to handle sensitive and classified information.

Why Frazer-Nash Consultancy?

Frazer-Nash Consultancy is an independent engineering and technology consultancy with over 35 years' experience delivering high-quality digital and cloud-enabled solutions. We support organisations operating in complex and regulated environments through our collaborative approach and deep expertise in digital engineering, software development and systems integration.

We are **solution and technology-agnostic**. We assess our clients' requirements and provide impartial advice and design solutions based solely on their needs. This independence enables us to select the most appropriate cloud technologies and architectures to deliver secure, resilient and value-for-money outcomes.

Our cloud solutions are informed by experience gained across multiple platforms, sectors and use cases. We combine proven engineering discipline with a strong understanding of integration and whole-system design to support and enable cloud adoption while managing risk and ensuring long-term sustainability.

Our Commitment to Quality

Frazer-Nash is committed to delivering consistently high-quality services and outputs that **often exceed customer expectations**. Quality is embedded throughout our ways of working, from engagement and communication through to delivery and assurance.

We actively monitor progress using our robust, proportionate controls, ensuring key decisions are subject to appropriate challenge. Each project is allocated a dedicated Project Manager, a Project Supervisor who independently reviews and approves monthly reports, and a Project Auditor for ongoing quality assurance.

We ensure accuracy and suitability for purpose of all deliverables, with independent verification by two reviewers. Our Quality Management System is certified to **ISO 9001 and TickITplus** (for software development), providing customers with confidence that our quality standards are externally assured and continuously maintained.

Our Security

Frazer-Nash operates robust security processes and controls suitable for handling sensitive and classified information **above OFFICIAL** up to and including **Top Secret**. Security is embedded across our people, processes and systems, ensuring information is protected throughout delivery.

We support sensitive and critical programmes across government and national infrastructure by applying strict information-segregation controls, including team separation to address security, or conflict-of-interest considerations

All 1500 staff hold **BPSS clearance as a minimum**, with the majority cleared to **SC** and over 225 consultants holding **DV clearance**.

Our IT systems are certified to **ISO 27001** and **Cyber Essentials Plus**, providing assurance that information security risks are proactively managed in line with recognised industry standards.

Our Approach to Subcontracting

Frazer-Nash primarily delivers services through our large base of permanent staff, supplementing this capability where required with trusted partner organisations to provide additional flexibility, specialist expertise and scale while retaining full delivery control.

We are experienced in engaging and managing subcontractors across the full project lifecycle, ranging from sole traders to large multinational organisations. Our structured approach ensures the right supplier is selected for each requirement and integrated effectively into the delivery team.

Our subcontracting processes focus on robust supplier identification and assessment, clear definition of scope, appropriate flow-down of contractual terms and conditions, and proactive risk management. All subcontractors are subject to proportionate commercial and technical due diligence to ensure they meet our standards for security, quality and delivery, enabling us to deliver outcomes on time, within budget and to the required quality.



Resourcing

Frazer-Nash employs over **1,500 technical specialists** across all grades, from **Follow to Set Strategy**, providing depth, continuity and scalability across a wide range of disciplines, backgrounds and experience levels.

To support agile and flexible delivery, our people are organised into defined **technical delivery areas** (including Information Systems, Cyber, Modelling and Software), which are deployed across multiple sectors such as central and local government, policing, health and energy. This structure, combined with strong portfolio, programme and project management (P3M), enables us to actively monitor demand and adapt resourcing throughout the project lifecycle.

We deliver complex requirements efficiently, consistently and at pace by forming tailored, multi-disciplinary teams led by a single accountable Project Manager.

Our consultants regularly work across different sectors, enabling us to cross-pollinate ideas, tools and best practice between domains. Drawing on in-house expertise, such as information security and human factors, we ensure effective and responsive delivery for every client.



Our Commercial Approach

Frazer-Nash adopts a flexible and transparent commercial approach to ensure best value and a model that aligns to each client's specific requirements. We collaborate with customers to clearly define the scope of services and agree a commercial structure that is predictable, proportionate and aligned to your required outcomes and effective delivery.

Depending on the requirement, this may include a **fixed-price model for clearly defined scopes**, or **time and materials using agreed day rates** where flexibility is required to accommodate evolving needs.

For longer-term or ongoing service requirements, and where we have control over resource flexibility, we can also offer a **single blended day rate** covering a range of grades. This provides simplicity, transparency and ease of management while maintaining access to the appropriate skills at the right time.

Next Steps

To discuss your requirements in more detail or request an order for services, please contact ccs@fnc.co.uk

