

G-Cloud 15

Geospatial Intelligence



Atos

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1. What is Geospatial Intelligence?

Atos Geospatial Intelligence solutions empower organisations to harness the full potential of spatial data through advanced Geoinformation Systems and Location Analytics. By integrating AI-driven automation, real-time mapping, and intuitive data exploration tools, we provide a scalable, secure, and insight-rich platform for strategic decision-making. Whether optimising operations, enhancing customer engagement, or driving smarter resource allocation, our geospatial services deliver measurable value across industries. At the core of our offering is the commitment to deliver expert guidance, tailored solutions, and cutting-edge technology in the realm of geographic information systems (GIS) and Geospatial Machine Learning for government organisations.

This offering sits within a spectrum of offerings and can build on business case development, economic analysis, digital strategy, and data warehousing, and, in turn, can be followed by benefits evaluation and business change activities.

Our Geospatial Analysis Service offers clients access to:

- **Strategic Consulting:** We work closely with clients to develop a geospatial strategy that integrates seamlessly with their overall business goals. This includes identifying how spatial data can reveal new opportunities, improve service delivery, and enhance decision-making processes
- **Advanced Mapping and Visualisation:** Our experts utilise the latest tools to create detailed maps and visualisations that provide clear, actionable insights. Whether it is for urban planning, disease prediction, or resource management, our visualisations help clarify complex spatial information
- **Data Collection and Management:** We advise on the best practices for collecting, storing, and managing geospatial data, ensuring high quality and accessibility. Our cloud solutions are designed to handle large datasets effectively, making them suitable for a variety of applications
- **Predictive Analysis and Modelling:** Atos provides sophisticated modelling services that forecast trends and simulate scenarios based on geographic data. This helps our government partners anticipate changes and plan for future developments with greater accuracy
- **Implementation and Support:** We offer a comprehensive implementation roadmap that includes the integration of geospatial technologies into your existing systems, followed by ongoing support to ensure continued success and adaptation to changing needs.

At Atos, our Geospatial Analysis Service is not just about processing geographic data; it is about transforming this data into a strategic asset that drives growth, enhances efficiency, and fosters innovation.



2. What does it deliver?

Geospatial Intelligence Offering helps clients derive value by integrating and processing geographic data on assets, infrastructure, transportation, and the environment, along with data on an organisation's business operations and customers, to discover powerful insights that enhance current business intelligence solutions. Atos Geospatial Intelligence services address this need through an integrated portfolio centred on Geoinformation Systems and Location Analytics. These solutions provide powerful capabilities for collecting, mapping, analysing, and visualising spatial data in real time. By leveraging geospatial data, artificial intelligence, and analytics, our offerings enable organisations to uncover hidden patterns, monitor changes, and predict trends within their geographic context.

To enhance these core offerings, we provide cutting-edge accelerators:

- **Report Rationalisation Framework:** This helps organisations analyse, optimise, and convert existing reports to reduce redundancy and improve efficiency
- **Report Metadata Extraction:** Automates the creation of semantic models to streamline data discovery and integration, improving consistency and reducing manual effort
- **Knowledge Pilot (Knowledge Assist):** A GenAI-powered assistant that facilitates conversational Q&A, guided data exploration, visualisation, and instant report summarisation—empowering users with self-service capabilities and real-time insights
- **Strategic Location Insights:** Provides detailed analyses for determining optimal site locations for public services based on the geospatial distribution of forecast need
- **Environmental Impact Analysis:** Offers assessments that help organisations understand the environmental implications of their projects, including potential impacts on biodiversity, water resources, noise and urban landscapes, facilitating more sustainable practices
- **Resource Allocation Optimisation:** Enables more effective distribution of resources in sectors like healthcare, education, and public safety by mapping demand hotspots and accessibility to current services
- **Disaster Management and Response:** Enhances readiness and response strategies for natural disasters by modelling risk areas for floods, earthquakes, or storms, and planning evacuation routes and emergency service locations

- **Service Provision and Strategy:** Identifying where existing services are likely to have spare capacity and provision expanded
- **Geospatial Risk Analysis:** Understanding the key geospatial features that underpin the observation of rare events such as disease outbreaks, and building geographically sensitive risk models to support public safety.



3. What technology does it use?

Atos integrates state-of-the-art technologies tailored to provide precise and actionable geospatial insights, setting our service apart:

- **Proprietary GIS Software:** Atos uses custom-developed Geographic Information Systems software that enhances data integration and spatial analysis capabilities beyond standard market offerings. This software is optimised for processing complex datasets and performing advanced spatial modelling to provide highly accurate mapping and analysis results.
- **High-Resolution Satellite Imagery Processing:** Leveraging partnerships with leading satellite providers, Atos accesses high-resolution imagery that is crucial for detailed and accurate land use and environmental impact assessments. Our in-house image processing algorithms enhance the clarity and usefulness of this imagery for precise decision-making.
- **Customised GPS Solutions:** We have developed bespoke GPS tracking and data collection tools that integrate seamlessly with our GIS, enhancing data accuracy for real-time location-based services and infrastructure monitoring.
- **Machine Learning-Enhanced Spatial Analytics:** Our advanced analytics platform incorporates machine learning algorithms specifically designed for spatial data. These models are trained on unique datasets, including historical geographic and demographic data, to predict trends and identify patterns that standard analytical approaches might miss.
- **Dedicated Cloud Infrastructure:** Atos has invested in a secure, scalable cloud infrastructure that is specially configured for geospatial data processing. This setup ensures data handling is both efficient and compliant with the highest data security standards.
- **Interactive Geospatial Dashboards:** We offer custom-developed, interactive dashboards that provide users with intuitive access to geospatial data visualisations. These tools are designed for ease of use, allowing decision-makers to explore scenarios and extract insights without needing specialised training.
- **API Customisation for Enterprise Integration:** Atos geospatial services are designed for easy integration with existing enterprise systems through highly customisable APIs. This flexibility enables enhanced cross-functional analytics and the broader application of geospatial insights across client operations.



4. What terms apply?

To the fullest extent permitted under G-Cloud 15 Framework Agreement and the Call-Off Contract, Atos will provide the Services in accordance with the Atos Supplier Terms (which will include, but may not be limited to, the Supplier Acceptable Use Policy, Supplier Data Processing Agreement, Supplier Specific Shared Responsibility Model, Supplier SLAs and Supplier Licence Terms and any applicable Third-Party Terms outlined in this Service Description document and the Order Form) and this Service Description document.

For clarity:

- Atos Supplier Terms may be modified in accordance with the provisions of the Call-Off Contract, and remain effective except where expressly overridden.
- Hyperlinks included in the Atos Supplier Terms and Service Description document remain effective where they point to Atos' or the relevant Third-Party Terms or documents. Should a hyperlink cease to function, Atos will work with the client to update it through the agreed procedure.



5. Termination

Termination shall be in accordance with:

- The G-Cloud 15 Framework terms and conditions
- Any terms agreed within the Order Form of the relevant Call-Off Contract (
- For this specific service, by default Atos ask for at least thirty (30) days prior written notice of termination without cause.

Atos commits to the continued provision of services for the duration of the Call-Off Contract subject to the terms and conditions of the G-Cloud 15 Framework Agreement, the Call-Off Contract, the Atos Supplier Terms and the applicable Third Party Agreements (as defined in the Atos Supplier Terms and indicated in the Order Form) related thereto.



6. How do I order?

Please contact our team at: gcloud@atos.net

- We will prepare a quotation for your review, including any applicable volume discounts.
- Once the quotation is agreed, we will issue the necessary documentation (as required by the G-Cloud Framework) and request a purchase order from you.
- Upon receipt of your purchase order, we will configure the services in line with the agreed requirements. Where applicable, you will also receive access to our self-service portal to begin provisioning services.
- If you are a new customer, you may need to complete additional 'new supplier' forms.
- Invoices will be issued to you and to Crown Commercial Service (CCS), quoting the purchase order number, for the services procured.
- We will also submit the required monthly management information reports to Government Procurement.



7. Glossary

Term	Definition



8. Why Atos

Atos has been a trusted partner on every G-Cloud iteration since the framework began, helping public sector organisations modernise with confidence. We combine global expertise with deep UK experience, delivering secure, scalable cloud solutions that meet the highest government standards.

As Europe's leading provider of cloud and cybersecurity services, Atos offers end-to-end capabilities - from migration and hosting to SaaS and consultancy - supported by UK delivery centres and strategic partnerships with hyperscalers.

Our focus on innovation, sustainability, and social value ensures that customers not only achieve operational excellence but also contribute to a greener, fairer future. With Atos, you gain a proven partner committed to driving efficiency, resilience, and transformation across public service.



About Atos

Atos Group is a global leader in digital transformation with c. 67,000 employees and annual revenue of c. €10 billion, operating in 61 countries under two brands — Atos for services and Atos for products. European number one in cybersecurity, cloud and high-performance computing, Atos Group is committed to a secure and decarbonized future and provides tailored AI-powered, end-to-end solutions for all industries. Atos Group is the brand under which Atos SE (Societas Europaea) operates. Atos SE is listed on Euronext Paris.

The purpose of Atos Group is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

Learn more at: atos.net