

G-Cloud 15

Edge AI



Atos

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1. What is Edge AI?

Our Edge AI solutions are designed to deliver intelligent, low-latency AI capabilities at the point of data generation, enabling real-time decision-making across industries such as manufacturing, automotive, and logistics. Our portfolio includes:

- **Lightweight Computer Vision SDK** optimised for real-time inference on edge devices, supporting use cases like visual inspection and quality control.
- **Factory AI Platform** deployed within a global manufacturing conglomerate, automating finished goods inspection through edge-based computer vision.
- **Edge SDK for Autonomous Navigation**, enabling high-speed, low-latency processing in connected vehicles for real-time guidance and object recognition.
- **AI-powered SDK for Automated Mapping**, developed for a leading automotive OEM to integrate high-definition maps from AMP (Automated Mapping Platform), enhancing driver experience and navigation accuracy.

Our solutions are built to be efficient, scalable, and easily deployable across edge environments, enabling intelligent automation and enhanced user experiences.



2. What does it deliver?

Atos' Edge AI solutions deliver measurable business value by enabling real-time intelligence at the edge. Clients have achieved:

- **80% reduction in quality inspection lead time**, streamlining manufacturing operations.
- **90%+ model prediction accuracy**, enhancing the reliability of automated visual inspections.
- **Significant reduction in manual errors**, driving process improvement and operational efficiency.
- **High-definition map data processing**, elevating in-vehicle navigation and end-user experience.
- **30% faster development cycles**, accelerating time-to-market for AI-enabled edge applications.

By bringing AI closer to the data source, we empower organisations to operate smarter, faster, and more securely, unlocking the full potential of edge intelligence.



3. What technology does it use?

Our Edge AI solutions utilise a broad range of technologies:

- **Cloud Computing:** To support scalability and accessibility, Atos employs cloud computing infrastructure from providers such as AWS, Microsoft Azure, or Google Cloud. This provides the necessary computational power and ensures data is securely stored and processed. Containerisation enables easier, more efficient deployments
- **Pre-trained Generalised AI Model:** Generalised AI model that has been trained on 25+ years of surveillance footage from real sites. Fully productised solution with AI models that are robust to challenging environments (scene busyness, weather, illumination changes, etc.)
- **Dynamic AI Models:** Dynamic AI models that can be deployed for specific environments. Support for importing 3rd-party AI models without compilation, subject to compatibility
- **Scalable Architecture:** Fully scalable architecture by separating processing, database and management roles to support 1000's of cameras. Supports federation to allow seamless management of 100's of sites
- **Integrated with leading 3rd party VMS/PSIM:** Integrations with VMS/PSIM to support sharing events information, event video, event snapshots, metadata and statistics
- **Windows/Linux Support:** VISuite can be deployed on both Windows and Linux operating systems, so it can be deployed on a wide range of hardware platforms
- **Patented Scenario-based Rule Engine:** The patented Scenario-Based Rule Engine allows multiple AI modules, VA algorithms, as well as third party sensors, to be combined to form precise behavioural rules
- **Mega Project Experience (8,000+ Cameras):** Ipsotek has mega project experience, having deployed many projects with thousands of cameras in various locations around the world. This allowed VISuite to be tested in a wide variety of scenarios, processing many camera streams
- **Templated Solutions for rapid deployment:** Ipsotek has templated field-proven solutions across a wide variety of verticals. These can be easily imported/exported across systems, ensuring reliable and fast deployment on a site

- **Rapid Data Retrieval:** VISuite utilises Elasticsearch database technology for rapid indexing and searching of metadata in real-time. Supports exporting metadata to Third-party systems via the Ipsotek API
- **SDK's:** Custom-built Software Development Kits (SDK's) for computer vision use cases in the manufacturing and automotive industries.



4. What terms apply?

Atos Supplier Terms

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 Framework terms and conditions
- Any terms agreed within the Call-Off Contract under Part A Order Form (Termination), where the Crown Commercial Service guidance states: 'The notice period needed for Termination is at least 30 days from the date of written notice for termination without cause'
- Atos Supplier Terms for this Service are as listed on the Digital Marketplace
- For this specific service, by default Atos ask for at least thirty (30) days prior written notice of termination without cause.

Atos commits to continue to provide the service for the duration of the Call-Off Contract subject to the terms and conditions of the G-Cloud Framework Agreement, the Call-Off Contract, the Atos Supplier Terms and the applicable Third-Party Agreements (as defined in the Atos Supplier Terms) 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
AI	Artificial Intelligence
AMP	Automated Mapping Platform
AWS	Amazon Web Services
OEM	Original Equipment Manufacturer
SaaS	Software as a Service
SDK	Software Development Kits



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 Eviden 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