

G-Cloud 15

AMOS-AI – Atos Managed OpenShift AI



Atos

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1. What is AMOS-AI?

AMOS-AI is an advanced, fully managed platform—built on top of Atos Managed OpenShift (AMOS)—that enables organisations to easily develop, deploy, and manage artificial intelligence (AI) and machine learning (ML) applications. With AMOS-AI, clients get a secure, scalable, and ready-to-use environment for their data science and AI projects, without worrying about the underlying infrastructure or technical complexities.

AMOS-AI lets organisations focus on innovation and business outcomes, while Atos handles the platform, security, and operational management.

Key Use Cases for AMOS-AI

1. **AI/ML Model Development**
 - Data scientists and developers can quickly build, train, and test machine learning models using pre-integrated tools and GPU-enabled resources.
2. **Operationalising AI (MLOps)**
 - Seamlessly move AI models from experimentation to production, with built-in support for model deployment, monitoring, and lifecycle management.
3. **Accelerating Innovation**
 - Empower teams to experiment with new AI-driven solutions, such as predictive analytics, natural language processing, or computer vision, in a secure and compliant environment.
4. **Scaling AI Across the Business**
 - Easily scale AI workloads as business needs grow, with flexible resource allocation and support for both small pilots and large enterprise projects.
5. **Ensuring Security and Compliance**
 - Meet industry and regional compliance requirements (such as data sovereignty and ISO27001) with robust security controls and managed operations.
6. **Reducing Time-to-Value**
 - Launch AI initiatives faster by removing the need for complex infrastructure setup and ongoing maintenance.



2. What does it deliver?

A Ready-to-Use AI Platform:

Clients receive a secure, scalable environment for developing, deploying, and managing AI and machine learning projects—without the need to build or maintain complex infrastructure.

Faster Time-to-Value for AI Initiatives:

Teams can start experimenting with and delivering AI solutions quickly, using pre-integrated tools and resources, including GPU support and advanced data science workflows.

Seamless Model Lifecycle Management:

AMOS-AI supports the entire AI journey—from data exploration and model development to deployment, monitoring, and ongoing improvement—making it easy to move from pilot to production.

Operational Confidence:

Atos manages the platform's security, compliance, updates, and day-to-day operations, so clients can focus on innovation and business outcomes rather than technical details.

Scalability and Flexibility:

The platform grows with business needs, supporting both small teams and large enterprise AI projects, with flexible resource allocation and robust governance.

Compliance and Data Sovereignty:

AMOS-AI is designed to meet industry and regional compliance requirements, ensuring data is handled securely and remains under client control.



3. What technology does it use?

AMOS-AI is built on the Atos Managed OpenShift (AMOS) platform, leveraging industry-leading technologies to deliver a secure, scalable, and flexible environment for AI and machine learning projects.

Core Technology Stack

- Red Hat OpenShift Container Platform (OCP):
 - The foundation for AMOS-AI, providing enterprise-grade container orchestration, automation, and security
 - Enables easy scaling, high availability, and consistent operations across cloud and on-premises environments
- Kubernetes:
 - The underlying engine for managing containers, ensuring efficient resource use and workload portability
- AI/ML Tooling:
 - Integrated support for popular data science and machine learning frameworks (such as Python, TensorFlow, PyTorch, and ONNX)
 - Built-in tools for model development, training, deployment, and monitoring
- GPU Enablement:
 - Supports GPU-accelerated workloads for faster AI model training and inference
- DevOps & MLOps:
 - Automated pipelines for continuous integration and continuous delivery (CI/CD) of AI models
 - Tools for managing the full lifecycle of AI projects, from experimentation to production
- Observability & Monitoring:
 - Prometheus and Grafana for real-time monitoring and dashboards
 - Loki for centralised logging and troubleshooting
- Security & Compliance:
 - Multi-layered security controls, including role-based access, network isolation, and image signing
 - Designed to support ISO27001 and other regulatory standards, with options for data sovereignty and deployment in sovereign or private clouds
- Backup & Disaster Recovery:
 - Automated, policy-driven backups and restore capabilities to protect critical data and models.



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
AI	Artificial intelligence
AMOS	Atos Managed OpenShift
GPU	Graphics Processing Unit
ML	Machine learning
SaaS	Software as a Service
SLA	Service Level Agreement



Crown
Commercial
Service
Supplier

Atos

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