

**G-Cloud 15**

# **Application Modernisation/ Transformation Service**



**AtoS**

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# 1. What is Application Modernisation Service?

Application Modernisation Service is a strategic business enabler designed to help organisations unlock the full potential of their existing applications by transforming them into modern, cloud-ready, and digitally optimised solutions. Rather than simply migrating technology, this service focuses on **delivering measurable business outcomes**—enhancing agility, reducing operational costs, and improving user experience.

Our approach is powered by the **\*\*Polaris AI Platform\*\***, bringing advanced AI-driven automation, predictive analytics, and self-learning capabilities to modernisation projects. Polaris helps teams make better decisions, resolve risks early, and continuously optimise applications once live.

**Why it matters for your business:**

- **Accelerate Digital Transformation:** Move away from legacy constraints and embrace cloud-native capabilities, enabling faster innovation and time-to-market. Our approach leverages proven frameworks like the **7R methodology** (Rehost, Replatform, Refactor, Rearchitect, Rebuild, Retire, Replace) to ensure the right strategy for each application.
- **Boost Efficiency & Reduce Costs:** Through automation and optimised cloud strategies, organisations can achieve up to **40% reduction in total cost of ownership**, minimise technical debt by up to **70%**, and significantly cut maintenance costs. Our **Exit Legacy™ platform** and **Cloud Code Automation Tool (CCAT)** accelerate code analysis and remediation by up to **90%** and reduce migration effort by **30%**.
- **Enhance User Experience:** Modernised applications deliver improved performance, security, and accessibility, ensuring better services for citizens and stakeholders. We also incorporate **UI/UX modernisation** for intuitive, responsive interfaces.
- **Future-Proof Your IT Landscape:** By adopting modern architectures like **microservices, containerisation, and DevSecOps**, your applications become scalable, resilient, and ready for emerging technologies such as **AI, RPA, and advanced analytics**. Our **Atos Polaris AI Platform** further enables intelligent automation and self-learning capabilities for continuous improvement.

Our Application Modernisation Service is not just a technology upgrade—it's a **business transformation catalyst**. It helps you **streamline operations, innovate faster, and deliver superior digital experiences**, all while aligning with sustainability and social value goals.

## 2. What does it deliver?

Our Application Modernisation Service delivers **tangible business benefits**—not just **technology upgrades**. It transforms legacy applications into modern, cloud-ready solutions that drive efficiency, agility, and innovation across your organisation, ensuring measurable outcomes and zero disruption during transformation.

From a client perspective, it delivers:

- **Faster Time-to-Value:** Proven factory approach and automation tools reduce migration and modernisation timelines, enabling quicker adoption of digital services and accelerating transformation
- **Cost Optimisation:** Achieve up to **40% reduction in total cost of ownership** through application rationalisation, automation, and cloud-native efficiencies. Our proprietary tools like **Exit Legacy™** and **Cloud Code Automation Tool (CCAT)** cut assessment time by 90% and remediation effort by 30%
- **Enhanced User Experience:** Modernised applications improve performance, security, and accessibility, delivering better services for citizens and stakeholders. UI/UX modernisation ensures intuitive, responsive interfaces
- **Business Agility:** Enable rapid scaling and integration of new capabilities such as **AI, automation, and advanced analytics**, supporting evolving business needs and innovation
- **Future-Proof IT Landscape:** Applications become resilient, secure, and ready for emerging technologies, reducing technical debt by up to **70%** through the adoption of **microservices, containerisation, and DevSecOps**
- **Lower risk** with predictive quality and security insights (hotspot detection, change impact, anomaly patterns)

We have successfully delivered modernisation for major UK Government departments and critical national infrastructure clients, including:

- **Defra** – Migrated and modernised applications to Azure, improving service quality and reducing operating costs.
- **Sellafield** – Delivered secure, scalable cloud solutions for legacy systems, achieving a **9/10 customer satisfaction score** and improved cybersecurity posture.



### 3. What technology does it use?

Our Application Modernisation Service leverages a proven, industrialised technology ecosystem designed to accelerate transformation, ensure security, and deliver sustainable business value. This approach combines **cloud-native platforms, automation accelerators, and secure-by-design principles** to modernise applications at speed, with efficiency and zero business disruption.

#### Core Technology Stack

- **Cloud Platforms:** AWS, Microsoft Azure, Google Cloud, and Oracle Cloud – enabling flexible deployment across **public, private, and hybrid environments**. These platforms provide:
  - Elastic scalability for dynamic workloads
  - Built-in security and compliance aligned to UK Government standards
  - Advanced services for containerisation, microservices, and AI integration
- **Automation & Modernisation Tools:**
  - **Cloud Code Automation Tool (CCAT):** Automates code analysis and remediation for Java and .NET, reducing analysis effort by **90%** and migration effort by **30%**
  - **Exit Legacy Platform:** Patented accelerators for language conversion, UI modernisation, and database migration
  - **SyntBots®:** Intelligent automation for DevOps and IT operations, delivering **30% faster time-to-market**
- **Modernisation Patterns:**
  - Containerisation and microservices
  - Re-platforming to PaaS
  - Refactoring to .NET Core and Spring Framework
  - Cloud-native compliance for future-proof architectures.

#### Security & Compliance

- **ISO 27001 Certified Processes** – Security embedded at every stage of modernisation
- **DevSecOps Framework** – Integrates security testing (SAST, DAST) into CI/CD pipelines for continuous compliance
- **Zero Trust Principles** – Secure-by-design architecture, encryption at rest and in transit, and identity management

- **Cybersecurity Leadership** –Alsaac MDR platform provides advanced threat detection and response for cloud workloads
- **GDPR & UK Government Standards** – Full compliance with data protection and regulatory requirements.

### Benefits of Technology Choices

- **Speed & Efficiency:** Automation reduces manual effort, accelerates migration, and minimises risk
- **Cost Optimisation:** FinOps practices ensure transparent cloud cost management and up to **40% TCO reduction**
- **Future-Readiness:** Applications become scalable, resilient, and ready for AI, analytics, and automation.

This service sits at the intersection of **Cloud Transformation**, **Digital Application Management**, and **Agile Delivery**, complementing offerings like **Agile Transformation Support**, **Mainframe Modernisation**, and **Cybersecurity Services**.





## 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](mailto: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                                                                                                                                      |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Polaris AI Platform               | Atos AI-powered platform enabling intelligent automation, predictive analytics and continuous optimisation across application modernisation     |
| 7R Methodology                    | Modernisation strategy: Rehost, Replatform, Refactor, Rearchitect, Rebuild, Retire, Replace—used to select the right path for each application  |
| Exit Legacy™                      | Atos accelerators for language conversion, UI modernisation and database migration to reduce technical debt and move away from legacy platforms |
| Cloud Code Automation Tool (CCAT) | Automates code analysis and remediation (e.g., Java/.NET), reducing analysis effort and accelerating migration                                  |
| SyntBots®                         | Intelligent automation for DevOps and IT operations, improving release cadence and reducing manual tasks                                        |
| DevSecOps                         | Development, Security and Operations practices integrating security (SAST/DAST) into CI/CD pipelines for continuous compliance                  |
| FinOps                            | Cloud financial operations practices to manage, optimise and govern cloud costs transparently                                                   |
| Alsaac MDR                        | Eviden’s Managed Detection & Response platform for advanced threat detection and response across cloud workloads                                |
| MDR                               | Managed Detection and Response                                                                                                                  |



## 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](https://atos.net)