

G-Cloud 15

Platform Advisory: Platform Architecture



Atos

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1. What is Platform Architecture?

Our Platform Architecture service offering provides a structured consulting service that determines or reviews the appropriate platform architecture against industry best practices and your specific organisational needs.

We help your organisation select, design, and govern the enterprise platform architecture that delivers measurable business outcomes. Our Platform Architecture Advisory offering brings together strategy, reference architecture, and delivery guardrails so your CRM, ERP, ITSM, PLM, data, and integration platforms work as a coherent, future-ready estate aligned to your goals.

We elevate our outcomes by using our in-house accelerators which include:

Architecture Assessment Framework

A comprehensive, checklist-based framework for evaluating the maturity of existing architecture across key domains such as security, scalability, data, and integration.

Reference Architecture Blueprints

A library of industry-specific, pre-designed architecture models and patterns for common platforms like Salesforce, SAP, and ServiceNow.

Integration Pattern Catalogue

A repository of standardised, reusable integration patterns and connectors for common enterprise applications.

Technology Lifecycle Radar

A dynamic tool that maps current technology components and assesses lifecycle status against market trends and vendor roadmaps.

Combining our accelerators with our industry expertise ensures that our advisory and delivery of Platforms Architecture prioritises your needs in a way that will stand up to industry standards.



2. What does it deliver?

Our Platform Advisory service empowers organisations to make smarter, faster, and more confident technology decisions by ensuring that architecture is modernised and built on best practices. Here's how it drives value:

Accelerated discovery

Quickly identify pain points, risks, and opportunities with structured assessments, reducing time from weeks to days.

Atos enhances this capability with its Architecture Assessment Framework — a comprehensive, checklist-based tool that assesses architecture maturity across areas such as security, scalability, data, and integration. This framework enables Atos teams to significantly reduce discovery cycles while still gaining a thorough, evidence-based understanding of the current state.

Proven industry best practices

Leverage pre-designed architecture blueprints aligned with leading platforms like Salesforce, SAP, Microsoft, and ServiceNow to ensure robust, future-ready solutions.

Our offering is backed by a library of pre-designed Reference Architecture Blueprints, covering CRM, ERP, ITSM, PLM and integration platforms. These blueprints embody industry best practices and platform-specific guardrails, allowing the organisation to rapidly propose structurally sound, compliant, and scalable architectures.

Furthermore, the broader Atos G-Cloud heritage offers further assurance: Atos has been a trusted partner throughout all G-Cloud iterations, providing extensive UK public sector experience, secure-by-design principles, and validated delivery methodologies.

Consistent and scalable integration

Standardised patterns and connectors streamline integration, minimise risk, and enable seamless connectivity across complex ecosystems.

Atos differentiates strongly here through its Integration Pattern Catalogue, where a curated repository of reusable patterns and connectors specifically designed for common enterprise applications. These patterns reduce architectural variability, strengthen consistency, and accelerate integration design across estates spanning Salesforce, SAP, ServiceNow, Microsoft and more.

Future-proofed technology decisions

Gain clear visibility into technology lifecycles, market trends, and vendor roadmaps to prioritise investments and avoid costly missteps.

Atos' Technology Lifecycle Radar provides a structured, dynamic view of technology components, correlating lifecycle status with vendor updates and broader market trends. This allows clients to base roadmap decisions on concrete evidence rather than assumptions – a key Atos differentiator clearly included in the Platform Architecture service offering.

Confidence in ROI

Every recommendation is backed by data-driven insights, ensuring your architecture delivers measurable returns and supports strategic objectives.

Atos enhances ROI confidence by combining evidence-backed architectural assessments through its Architecture Assessment Framework, industry-aligned reference blueprints that minimise design risk, standardised integration patterns that reduce complexity and cost, and lifecycle intelligence that supports timely, market-aware technology decisions – ensuring every architectural recommendation is based on measurable value and aligned with strategic outcomes.

Result: A modern, resilient, and cost-effective architecture that accelerates transformation and maximises business impact.



3. What technology does it use?

Our Platform Architecture Advisory leverages a vendor-neutral, industry-aligned technology stack to design secure, scalable, and future-ready enterprise platforms. We focus on four critical pillars:

Enterprise Strategy & Health Assessment

- **Tenant Strategy and Segregation:** Define optimal multi-tenant vs. single-tenant strategies to balance compliance (GDPR, SoD) with reporting and operational needs.
- **Technical Debt Analysis:** Use automated scanning tools (e.g., SonarQube, CAST) to identify unused components, hard-coded logic, and non-performant workflows.
- **Performance & Scalability Reviews:** Assess architecture for large data volumes, concurrency, and transaction throughput to prevent bottlenecks and ensure elasticity.

Solution Architecture & Design

- **Framework Alignment:** Design solutions aligned with TOGAF, AWS Well-Architected, and Azure CAF to ensure security, scalability, and resilience.
- **Cloud-Native Principles:** Incorporate microservices, containerisation (Docker/Kubernetes), and event-driven patterns to decouple services and enable composability.
- **Data Model Rationalisation:** Transition from siloed or custom data models to standardised, domain-driven designs supporting interoperability and analytics.

Integration & Identity Management

- **API-Led Connectivity:** Implement REST, GraphQL, and gRPC patterns with API gateways and service mesh for secure, scalable integration.
- **Event-Driven Architecture:** Use asynchronous messaging backbones (Kafka, RabbitMQ, Azure Service Bus) for real-time data exchange across distributed systems.
- **Identity & Access Control:** Apply Zero Trust principles with OAuth2, OIDC, and SAML for secure authentication and authorisation across internal and external ecosystems.

Platform Engineering & DevSecOps

- CI/CD Automation: Architect source-driven pipelines using Git-based workflows, container registries, and orchestration tools (Jenkins, GitHub Actions, Azure DevOps).
- Infrastructure as Code (IaC): Standardise environment provisioning with Terraform, Ansible, or Pulumi for consistent deployments.
- Security & Observability: Embed automated security scanning (SAST/DAST), logging, metrics, and distributed tracing to ensure compliance and operational excellence.

Our approach supports a modern, resilient, vendor-agnostic architecture that accelerates transformation, maximises business impact, and avoids lock-in across AWS, Azure, GCP, and hybrid environments.



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
GDPR	General Data Protection Regulation.
IaC	Infrastructure as Code
ROI	Return on Investment
SaaS	Software as a Service
SAML	Security Assertion Markup Language



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