

G-Cloud 15

Atos Application Development



Atos

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1. What is Application Development?

Atos is a world-leading independent multi-cloud services company, specialising in digital application development and deployment on the cloud.

Atos Application Development offers DDaT-aligned skills in web technologies, project delivery and consulting. Wherever possible, AI is incorporated into development workflows to improve delivery speed and product quality. Languages and frameworks include .NET, C#, Java, Spring, JavaScript, NodeJS, HTML5, Angular, React and Python. Our GDS-compliant services range from advisory and innovation spikes through to resource augmentation and outcome based delivery.

We help organisations adopt and adapt to modern digital applications, mindsets, and DevOps practices to become truly digital and cloud native. We use Agile methodologies, including Scrum, Lean and SAFe, enabling us to deliver on time and on budget. Atos specialises in offering development and DevOps capability and services for business-critical applications fully aligned with the GDS standards.

Using a range of AI-powered tools, our SMEs can rapidly generate proof of concepts, prototypes, application logic, unit and functional tests. This results in cost-saving efficiencies and allows teams to focus on solving higher-order problems. Furthermore, our project teams can include autonomous data/AI engineers who work alongside human SME. They can independently generate and validate user stories, application code, test cases and test scripts 24/7. Together, they provide market-leading expertise at highly competitive rates.



2. What does it deliver?

Features of the Service:

- Backend, microservice and API development for web applications
- Database design and configuration
- Front-end, user interface and middleware development for web applications
- DevOps design, configuration and process automation
- Alignment with GDS Standards, best practices, and iterative approaches
- All modern development methodologies supported (including Agile, Lean, SCRUM, XP, Kanban, TDD/BDD, Waterfall, Spiral)
- Guides customers through the entire lifecycle, from strategy to implementation in a cost-effective and easy-to-deploy manner
- Manages, architects, builds and deploys complex cloud-based applications to support your business needs on a global scale
- Solutions built on open-source technology, with no vendor lock-in
- Delivers application security with proven security frameworks
- Founded on open-source tools that embrace open standards
- Blended resource model of junior, senior and autonomous developers
- Dedicated Centre of Excellence (CoE) providing the required best practices, industry know-how and support for large-scale cloud applications.

Business Benefits:

- Reduced time to market for new application features and fixes
- Increased product reliability within digital products and services
- Improved end-user experience
- Increased rates of user adoption
- Operational efficiency improvements
- Certified developers who have experience in designing, implementing and deploying web applications
- Thought leadership on a wide range of technical topics
- Flexible and proven global delivery model for round-the-clock services
- Flexible commercial model including T&M, deliverables and outcome based.



3. What technology does it use?

Atos has extensive experience across all modern application development and cloud technologies. We can supply SMEs for the technology stack your project team has selected, or our technical consultants can provide clear, balanced recommendations based on your business requirements. The most common tools, languages, frameworks, protocols, and formats we work with are listed below.

Category	Technologies / Tools
Presentation layer	ReactJS, Angular, Next.js, HTMX, HTML, JavaScript, TypeScript, Node.js, Bun, Native mobile apps, Swift, Kotlin, PWAs, SPAs, MPAs, Static page/site generation, CSS, CSS-Modules, Utility-first CSS, CSS-in-JS, JSON, HTTP, WebSockets
Business-tier	.NET Core, Java, Spring, Spring Boot, Jersey, Jackson, J2EE, JSF, Dropwizard, Tapestry, GoLang, Python, Apache Camel, RabbitMQ, ActiveMQ, PCF Cloud, Oracle JMS MQ (OJMS), Apache HTTP, JavaScript, TypeScript, Node.js, Bun, Microservices, Restful webservices, event-driven web services, SSE
Persistence frameworks	Hibernate, Spring Data, JPA, MyBatis, JOOQ
Web servers	Tomcat, JBoss, Weblogic, Websphere, nginx, Apache, MS IIS, Cloud functions
DevOps, continuous build and integration	Git, AWS Code Commit, AWS Code Build, AWS Code Pipeline, Azure DevOps, Azure Repos, Nexus, IBM uCR, GoCD, Jenkins, Maven, Gradle, Chef, Ansible, GitHub Actions, Bitbucket, SVN, Helm, Vault, Terraform, Consul, Docker, Kubernetes, Prometheus, Grafana, Vercel
Databases	Oracle, MySql, PostgreSQL, SQL Server, MongoDB, Elastic Search, Dynamo, Aurora
In-memory database	Apache Ignite, EHCACHE, Hazelcast, Redis
Cloud-based Solutions	AWS: ECS, EC2, AWS Cognito, AWS DocumentDB, Lambda, SQS, Fargate, Azure: Entra ID, APIM, App Service, DevOps, SQL, CosmosDB, AKS, storage, functions, Okta
Load balancers, CDNs and hosting	Azure, Front Door, AWS Cloudfront, HA Proxy, F5, Icinga, ELK Stack, HP Loadrunner, Cloudflare, Vercel, Netlify
Automation testing	Selenium, JMeter, Junit, JBehave, Cucumber, FitNesse, TestNG, Cypress, Jest, Vitest, Mocha, Chai, Pa11y
AI coding tools	Polaris*, Replit, VO, ChatGPT, MO4D*, GitHub Copilot, Claude Code, Gemini Antigravity

Category	Technologies / Tools
Performance management	Jprofiler, SpeedCurve, Glowroot, Lighthouse
Project and workflow tools	Jira, Confluence, Vertex AI, Crew AI, n8n, Zapier
Operating systems	Windows Server, Linux, Unix, MacOS, iOS, Android
Content management systems	SiteCore, Umbraco, Optimizely
Data visualisation, mapping	ArcGIS, GoogleMaps, D3, Highcharts
Component libraries	GDS, MaterialUI, Bootstrap, Shadcn

*Atos' proprietary tool



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	Description
BDD	Behaviour-Driven Development
CoE	Centre of Excellence
TDD	Test-Driven Development
PWA	Progressive Web Apps
SPA	Single Page App
MPA	Multi-page App
SSE	Server-sent events
AKS	Azure Kubernetes Service
SME	Subject Matter Expert



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 a deep understanding of UK regulation, industry and markets, which enables us to deliver 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. €8.5 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