

G-Cloud 15

AWS CloudSecOps Protection Platform Service



AtoS

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1. What is the AWS CloudSecOps Protection Platform Service

Atos' AWS CloudSecOps Protection Platform is a comprehensive security solution that leverages a mesh architecture approach to enable seamless interoperability between various AWS security products. The platform aims to enhance and streamline an organisation's overall security posture by providing a unified and integrated security framework.

Atos' AWS CloudSecOps Protection Platform, coupled with the expertise of Atos' Level 1 Managed Security Service Provider (MSSP) team, is specifically designed to safeguard and continuously monitor critical AWS resources. Whether you are an emerging startup, a small-to medium-sized public sector organisation, or a multinational enterprise, incorporating the knowledge and skills of Atos' AWS experts into your organisation is an effective way to elevate your cloud security posture.

Our experts provide round-the-clock surveillance and management of your AWS security infrastructure, ensuring proactive protection and timely response to potential threats.

One of the key advantages of Atos' AWS CloudSecOps Protection Platform is that it eliminates the need for dedicated in-house security personnel. However, we strongly believe in the power of collaboration and welcome the opportunity to work alongside your existing security teams. By integrating our expertise with your internal resources, we can create a robust, comprehensive security strategy tailored to your unique requirements and objectives.

2. What does it deliver?

Atos has achieved Amazon Web Services (AWS) Level 1 Managed Security Service Provider (MSSP) Competency status, which means that Atos has successfully met AWS's requirements for a baseline of managed security services.

Atos AWS CloudSecOps Protection Platform service is suitable for any cloud environment of any size and spans several security domains, including:

- Vulnerability Management
- Cloud security best practices and Compliance
- Threat detection and response
- Network security
- Host and Endpoint security
- Application security
- Identity and Access Management (IAM)
- Encryption and Data Security

AWS CloudSecOps Protection platform is a security-umbrella offering based on a mesh architecture approach, with interoperability among distinct AWS security products to achieve a more consolidated security posture. The service integrates security tools to work as a collaborative ecosystem, adding automation and orchestration to reduce both deployment times (reduced cost) and human error situations.

Atos helps public sector organisations ensure a comprehensive security solution amid ever-growing digital security challenges. We have created a fully integrated, cloud native security solution that is a complete offering of security services powered by AWS's leading security technologies and our proprietary Alsaac MDR platform. This end-to-end security solution provides your organisation with the necessary visibility and response capabilities to identify and mitigate cyber-attacks targeting your assets and systems.

With our MSSP offering, public sector organisations can expect an umbrella offering built on a Cloud Security Mesh Architecture, ensuring interoperability among AWS's distinct security products. Our CloudSecOps automation, 24/7 managed security services, and Alsaac MDR platform integrations help achieve a more consolidated security posture, secure hybrid cloud environments, and keep your systems safe from emerging threats.



3. What technology does it use?

Amazon has invested heavily in security for AWS, ensuring all data is stored in highly secure data centres. However, cloud security follows a shared responsibility model: AWS manages security of the cloud, while security in the cloud is the customer's responsibility.

Atos' AWS CloudSecOps Protection Platform is built on native AWS capabilities, enhanced with our managed services expertise. We leverage AWS native security tooling across five key areas, integrated with our Alsaac MDR platform for comprehensive protection.

AWS CloudSecOps Protection Platform Components

Table 1: AWS CloudSecOps Protection Platform Components Overview

Module /Component	Package Level	Mandatory /Optional	Functional Requirements
Identity and Access Management	Essential	Mandatory	• AWS IAM • AWS Identity Centre
	Custom L2	Optional	• AWS Control Tower • AWS Directory Service • AWS Resource Access Manager • IAM Access Analyser
	Custom L3	Optional	• Amazon Cognito • IAM Verified Permissions
Detection and Response	Essential	Mandatory	• Amazon GuardDuty • AWS Security Hub
	Custom L2	Optional	• Amazon Inspector • Amazon Macie
	Custom L3	Optional	• Amazon Security Lake • Amazon Detective
Data Protection	Essential	Mandatory	• AWS KMS • AWS Secrets Manager • AWS Parameter Store • AWS Certificate Manager
	Custom L2/L3	Optional	• Atos Trustway Proteccio HSM • Advanced encryption configurations

Module /Component	Package Level	Mandatory /Optional	Functional Requirements
Compliance	Essential	Mandatory	• AWS Config • AWS CloudTrail • AWS CloudWatch
	Custom L2	Optional	• AWS Audit Manager • AWS Artefact
	Custom L3	Optional	• Amazon CloudWatch advanced monitoring
Network and Application Protection	Essential	Mandatory	• VPC Security Groups • Network ACLs • Route 53 Resolver DNS Firewall
	Custom L2	Optional	• AWS WAF • AWS Shield Standard/Advanced • AWS WAF Security Automations
	Custom L3	Optional	• AWS Network Firewall • Verified Access
Host and Endpoint Security	Essential	Mandatory	MDR for AWS-Based Endpoints: • CrowdStrike Falcon for AWS • Trend Micro Cloud One
Cloud Native Security Dashboard	Essential	Mandatory	• Atos Alsaac Dashboard • AWS Security Hub
Consulting Services	N/A	Optional	• Cloud Security Assessment • Architecture Review
Managed Detection and Response	N/A	Optional	• Full Atos Alsaac Platform • 24/7 SOC Services

Managed Services Activities

Transition & Transformation Phase:

- Initial environment analysis and discovery
- Security baseline establishment
- Tool deployment and configuration
- Integration with existing security infrastructure
- Custom runbook development
- Initial compliance validation
- Knowledge transfer and documentation

Run Phase Operations:

- 24/7 security monitoring and incident response
- Continuous compliance monitoring and reporting
- Regular security posture assessments
- Automated threat detection and response
- Policy and configuration management
- Performance optimisation
- Regular reporting and stakeholder communication
- Continuous improvement initiatives

Licensing

- The AWS CloudSecOps Protection Platform uses a flexible pricing model:
- Native AWS security services: Charged directly via AWS monthly billing (pay-as-you-go)
- Atos managed services: Operational costs based on the service tier selected
- Transparent pricing with no hidden costs

Business Benefits

- Enhanced Security Posture
- One-stop solution for AWS cloud protection
- Continuous threat monitoring and automated response

- Principle of least privilege implementation
- Right-sized permissions and access controls

Operational Excellence

- 24/7 expert management without in-house overhead
- Reduced mean time to detection and response
- Automated compliance monitoring and reporting
- Streamlined security operations

Cost Optimisation

- Pay-per-use model aligned with consumption
- Burn AWS consumption commitments with native security services
- Reduced infrastructure investments
- Lower total cost of ownership compared to in-house operations

Scalability & Innovation

- Scales automatically with your cloud environment
- Access to the latest AWS security innovations
- Continuous service enhancement
- Future-proof security architecture

Atos and AWS Partnership

- Level 1 Managed Security Service Provider Competency Status
- Partners since 2013
- AWS Well-Architected Partner recognition
- 1000+ AWS specialists
- 1200+ formal AWS certifications
- 3700 AWS accreditations
- 50+ large enterprise deployments globally.

Why Atos & AWS?

Together, Atos and AWS bring market-leading technology, a deep understanding of legacy infrastructure, and proven experience to de-risk your cloud journey. We understand the inherent complexity of mission-critical operations and the importance of data sovereignty, particularly for public sector organisations.

Our Combined Expertise Helps You:

- Transform legacy environments into future-proof platforms
- Embed security, compliance, and auditability throughout your cloud journey
- Ensure stability during application and service transitions
- Meet regulatory requirements while maintaining operational efficiency

With Atos AWS CloudSecOps Protection Platform, you gain a trusted partner that combines AWS's cutting-edge security technologies with Atos' managed services expertise, delivering comprehensive protection that evolves with your needs.



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 the Government Procurement.



7. Glossary

Term	Definition
ABAC	Attribute-Based Access Control
ACME	Automated Certificate Management Environment
ACL	Access Control List
API	Application Programming Interface
AWS	Amazon Web Services
CIS	Centre for Internet Security
CLI	Command Line Interface
DDoS	Distributed Denial of Service
DNS	Domain Name System
EC2	Elastic Compute Cloud
ECS	Elastic Container Service
EDR	Endpoint Detection and Response
EKS	Elastic Kubernetes Service
GDPR	General Data Protection Regulation
HIPAA	Health Insurance Portability and Accountability Act
HSM	Hardware Security Module
IAM	Identity and Access Management
IDS	Intrusion Detection System
IOC	Indicators of Compromise
IPS	Intrusion Prevention System
ISO	International Organisation for Standardisation
KMS	Key Management Service
L1	Level 1 Competency
L2	Level 2 Customer Security Tier
L3	Level 3 Customer Security Tier
MDR	Managed Detection and Response
MFA	Multi-Factor Authentication
MSSP	Managed Security Service Provider

Term	Definition
NGAV	Next Generation AntiVirus
OSCF	Open CyberSecurity Schema Framework
PCI DSS	Payment Card Industry Data Security Standard
RAM	Resource Access Manager
RBAC	Role-Based Access Control
RDS	Relational Database Service
S3	Simple Storage Service
SAML	Security Assertion Markup Language
SDK	Software Development Kit
SIEM	Security Information and Event Management
SOC	Security Operation Centre
SSL/TLS	Secure Sockets Layer / Transport Layer Security
T&T	Transition and Transformation
VPC	Virtual Private Cloud
WAF	Web Application Firewall



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