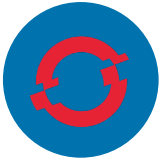


Fast Facts AMOS:

Accelerate beyond the platform

What is AMOS?



Atos Managed OpenShift (AMOS) by Atos Syntel and RedHat is a progressive approach to modernizing DevOps without losing time through technology adoption.

Atos Managed OpenShift (AMOS) unites developers and IT operations by providing OpenShift, the leading container platform, as a managed service. With AMOS at the heart of digital transformation, organizations can rely on an agile container platform that can be combined with a managed stack from IaaS to Application Cloud Platform. It addresses the business needs for both 'future-fit' legacy workloads alongside modern containerized / micro-service applications, all running over a choice of cloud and infrastructure types.

Why is AMOS important to businesses?



In the digital world, launching new services to market with speed and agility is essential for success. New, agile, and efficient start-ups are using simple but powerful workflows and business models built on cloud-native foundations to set new standards for time-to-market. Only those companies that have digitally transformed and adapted to the rapid pace of change around consumer, user and regulatory needs will survive. AMOS helps businesses to move quickly to a DevOps environment that allows them to build cloud-native applications.

"Meeting the challenges of the digital economy requires organizations of all sizes to increase their responsiveness to business needs. For application development leaders, this means accelerating the development and maintenance of applications without sacrificing quality."

Gartner

Why are PaaS platforms important?



PaaS/container platforms like OpenShift provide businesses with the capability to standardize their technology landscape: simplifying their development and application environments and aligning IT with the demands of the business. This ability to react more quickly will pay back in a faster time-to-market and a stronger competitive advantage. Many organizations have started to build their own platform and are working out how to manage and integrate it but, very few are actually using it.

What challenges does AMOS address?



Business are faced with questions such as:

- How do I migrate my legacy applications in a scalable way?
- How do I optimize and automate my DevOps platform to gain maximum efficiencies?



- How do I deploy my new DevOps platform at speed?
- How do I benefit from cloud-based DevOps but maintain high levels of security?

Atos Managed OpenShift (AMOS) addresses these challenges and is the cornerstone to helping organizations modernize their application landscape and develop truly cloud-native applications.

AMOS unites developers and IT operations by providing a single managed container platform with one pane of glass through which to view and manage all applications. It brings together Atos Syntel's comprehensive migration, automation, and application transformation experiences and tools (e.g. SyntBots) with Red Hat's open source innovation. This means businesses can rapidly move to a standard DevOps environment that allows them to envision, build, and roll-out first-class cloud-native applications.

How does AMOS migrate legacy workloads at scale?



Moving hundreds and thousands of applications to a cloud-based DevOps environment requires a systematic framework and a high volume of skills to assess, migrate, and modernize applications at scale.

Atos assesses workloads and determines the framework for migration to OpenShift using the Atos Decision Factory and RedHat Navigate. Business criteria and technological characteristics are considered before recommending the transformation option and most appropriate cloud service and deployment model for maximum benefit.

With Atos Syntel's 23,000 experts in 72 locations around the globe, we can provide greater cloud, application transformation and migration capabilities enhancing our proven service and platform capabilities. This can include moving costly COBOL/mainframe or legacy Java monolithic applications to AMOS and migration to a new DevOps platform.

What are the legacy modernization service areas that AMOS operates in?



Application modernization - employ Atos Syntel's low-risk, automation-powered application modernization services (via SyntBots) to deliver loosely coupled, microservice-based, cloud-native applications for improved business agility, reduced complexity, and faster time-to-market.

Quickly migrate legacy applications to the cloud with our automated solutions to experience lower infrastructure costs, faster time-to-market, increased responsiveness, and improved scalability and availability.

Data modernization - unlock the knowledge in your legacy databases with modern data architectures that protect your sensitive data, while efficiently leveraging it for real-time insights and more effective decision-making.

How does AMOS transform IT operations using SyntBots?



The key to business success is intelligent automation of DevOps. SyntBots is Atos Syntel's next-gen IT automation platform that utilizes recursive and intelligent automation to transform IT operations, DevOps and processes across enterprises. We combine SyntBots with AMOS to create agile development, environment automation, and a powerful set of reusable test automation tools to deliver continuous testing and delivery, architectural compliance, and automated QA across the entire enterprise development function.

How does AMOS Blueprint deploy DevOps capabilities in days?



Moving to a DevOps environment can take a long time, with lots of unknowns and expensive resources needed – and not forgetting the required cultural change.

This can all be short circuited with AMOS, which comes along with standard blueprints, (including pre-configured tool chains for Continuous Integration and Continuous Delivery), that can be implemented within days to accelerate the move to agile DevOps.

What is Red Hat Ansible and how does it offer customer competitive advantage?



Atos and RedHat have signed a global agreement for Ansible. RedHat Ansible is an open source community project sponsored by RedHat.

Atos uses Ansible to create runbooks i.e. a compilation of routine procedures and operations that the system administrator or operator carries out which give AMOS customers a market advantage. Automation is the key to intelligent DevOps and Ansible is the key to automation. It captures knowledge unique to the customer and makes it standardized using the playbooks, in a very controlled way.

What are the benefits of AMOS?



1. Deliver services to market quicker, with 66% faster development life cycles.¹

This is achieved through standardization, automation and defined CI/CD toolchains, which frees-up development teams from operational work.

2. Fuel innovation and exceed customer expectations by adapting digital services whenever needed: benefit from an average of \$1.29 million in annual benefits per 100 developers.¹

The release of new digital services and functions are helping organizations to create additional revenues with existing as well as new customers.

3. Create the right culture to rapidly launch new services to customers. Enterprises can respond faster to business demands, with developer productivity increasing by 300%.¹

By focusing on value-adding tasks rather than repetitive low value ones.

4. Remove the constraints of legacy applications and platforms and enjoy efficiencies of 35% less IT staff time per application.¹

By removing the need for human intervention, developers can focus on coding.

5. Full portability across clouds thanks to OpenShift's native support of Kubernetes, the market standard for container deployment.¹

By containerizing the application workload.

What is our experience in this area?



We have deployed AMOS across many industries including manufacturing, pharmaceutical, financial services, transport, and logistics.

Proof-point: Manufacturing

We helped a global manufacturer with approximately 180 locations move to a 100% private cloud in its physical data centers, supported by a zero-touch development platform. This enabled the digital teams across its global manufacturing business to securely access and build cloud-native, container- and analytics-based applications. The result was new apps deployed at speed, using a standardized, container approach and based on a highly secure, multi-tenant solution.
