Atos Managed OpenShift (AMOS) – Atos and Red Hat - fast facts

Atos delivers AMOS, a platform that provides the tools to rapidly envision, build and roll-out winning cloud-native applications.

Digital transformation is important for all businesses today. Those that don't make the transition can very quickly get left behind. Enterprises are thinking about how they can develop new digital services, evolve existing services and adopt agile DevOps practices. Gartner recognises that organizations need to increase their responsiveness to business needs and accelerate the development and maintenance of applications without sacrificing quality.

What is AMOS? Atos Managed OpenShift (AMOS) was developed in Red Hat's Open Innovation Labs and it unites developers and IT operations by providing a managed container platform. With AMOS at the heart of your digital transformation, your organization can rely on a 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 containerised / microservices applications all running over a choice of clouds - managed public or private clouds.

1. How do I create agility to compete and achieve faster time-to-market?

Today's new digital businesses are releasing more and more services whilst dropping development times from months to minutes. To compete, DevOps teams need to safely and swiftly build, test and release both new applications and incremental updates to existing applications in shorter cycles. Atos and Red Hat have created Atos Managed OpenShift (AMOS), an open, hybrid Platform-as-a-Service (PaaS) that lets DevOps teams develop, host, scale and deliver digital services quickly, efficiently and securely. It can run on a choice of clouds (private and public) and enables 66% faster application development lifecycles, accelerating time-to-market.

2. How do I get IT services that give developers the freedom to innovate to meet market demands?

If businesses want to reduce time-to-market and gain a competitive edge, they need to provide developers with ready-to-go IT capabilities at the push of a button and the freedom to use whatever programme language or technology is best suited to meet their customers' needs.

AMOS offers a selection of popular, fully supported, cloud-native application run-times and frameworks that are well-suited for enabling application development. We provide the mechanics through container technologies to create new digital services that can be adapted or moved without changing the underlying infrastructure, offering you the agility to keep your business ahead of customer demands. Enterprises typically see a $1.29 million average in annual benefits per 100 developers.

3. How do I build the right culture, policies and governance for competitive advantage?

Traditional enterprises are often held back by siloed organizations, lack of business engagement and leadership support on new projects, minimal communication, a limited culture of learning and too much internal focus.

To succeed and create more value for your customers, collaboration is critical. Atos provides a wide range of services to assist customers in implementing DevOps, including consulting, coaching and

augmented teams. Red Hat's Open Innovation Labs allow your team access to the best open source tools, methods and culture to catalyze your transformation and make DevOps a reality.

4. How do I overcome the constraints of legacy applications and platforms?

With more people using web and mobile apps in their daily lives, legacy applications are struggling to take the load. Traditionally, any sudden increase in demand would require huge investment to manage or have expensive capacity lying dormant just in case it is needed; modern enterprises need a more effective and cost-efficient way to cope with customer demands.

AMOS delivers the platform, maintenance, monitoring and ongoing service support so your teams can focus on building and evolving applications that matter to your customers. Organizations can migrate legacy brownfield applications and create new greenfield applications directly in the cloud, simplifying transformation and enjoying efficiencies of 35% less IT staff time per application. Applications are more flexible, scalable and open to further innovation, enabling new routes to market and revenue streams.

5. Why would I choose Atos and Red Hat to help my organization's transformation?

Over the past decade, we have seen a rapid increase in customers wanting to take up enterprise open source to avoid vendor lock-in and to take advantage of the innovation in the open source community. Together, we:

- **Provide the choice to change and avoid vendor lock-in.** By utilising the core technology of OpenShift, you have the freedom to move across different technologies. It's why 95% of CIOs see open source as the technology of choice.

- **De-risk delivery and increase business efficiencies.** Atos oversees the solution and migration based on proven methods, tools and experience. Red Hat guarantees support for the technology.

- **Build an environment that allows our customers to be the first to innovate.** Red Hat brings together the best of open source technology, providing access to software that allows freedom of innovation. Our partnership includes joint investment to accelerate roadmap capabilities, giving our customers earlier access to innovations.

AMOS: enabling enterprises to evolve legacy infrastructure whilst creating new digital services that meet your changing demands - both today and in the future.

Atos and Red Hat have been strong collaborators for over 10 years. Atos is your Red Hat expert partner with 2,000+ skills and 200+ accreditations across Atos.

Together, we are transforming operational capabilities to modernize applications on container technologies, deliver new micro-services, and accelerate development processes.

Glossary

Containers. Container-based virtualization platforms provide a means to run multiple applications in separate instances. Container technologies can provide significant benefits to DevOps, including increased scalability, resource efficiency, and resiliency.

DevOps. DevOps is a software engineering culture and practice that advocates automation and monitoring at all steps of software construction: from integration, testing and releasing, to deployment and infrastructure management. DevOps aims at shorter development cycles, increased deployment frequency, more dependable releases, in close alignment with business objectives.

Open source. Open source technology is that which is freely available, enabling collaboration to create better technology. Open source offers the freedom to see the code, to learn from it, to ask questions and offer improvements. There are open source business leaders and open source communities that work together.