Atos cloud orchestration and management for transport and logistics

AtoS

Atos takes away the pain of managing hybrid and multi-cloud complexity, helping transport and logistics organizations focus on digitalizing the things that matter most.

Transport and logistics providers are vigorously pursuing their vision of environmentally sustainable, multimodal transport and logistics operations. They are using the power of cloud to develop new data-driven, customer-centric business models and to meet the ever-rising expectations of customers and passengers. Cloud technology also enables them to scale globally, ensure compliance with data regulations, and remain secure and resilient.

Since the pandemic, the sector has had to increase its focus on health and safety, its ability to adapt quickly to dramatic changes in demand, endure unprecedented economic turbulence, and prepare for industry consolidation.

The cloud has enabled a more agile, collaborative way of working, which has been tested and accelerated since COVID-19. New clouds, applications, and resources constantly add to the complexity of managing performance and cost within hybrid and multi-cloud environments. And existing cloud applications, along with the people developing, running, and maintaining them, are being put under considerable strain daily.

Atos cloud orchestration and management provides a set of digital services and solutions designed to make it easier to:

- Visualize cloud consumption & performance.
- Apportion cost to the right business unit or project.
- Ensure the right cloud capabilities are used for the right job.
- Provide visibility into how apps are performing to improve user experience (UX).

What are the solutions and services?

1. **Multi-cloud Management (MCM)** – A single pane of glass with automated workflows to manage multiple public and private clouds.

2. **Cloud Financial Management (CFM)** – Removing the complexity of managing multiple bills and making it easier to predict cloud costs and identify spending trends, preventing excessive financial risk.

3. **Application Performance Management (APM)** – Ensuring positive user experience by monitoring and optimizing cloud performance, for example right-sizing clouds.

How do I improve budget tracking, planning, and forecasting across all clouds?

Cash flow and cost control have become an absolute necessity since the pandemic. However, cloud complexity and a lack of visibility have, for many, led to cloud sprawl and spiraling costs.

By consolidating spend across public clouds into a single financial management platform (CFM) managed by us, we help you:

- Understand monthly spend to improve forecasting and planning.
- Recommend areas to optimize and even automate tasks and workflows to create further efficiencies.
- Avoid hidden costs by identifying spending trends and anomalies and by making sure the right clouds are selected in the first place.

Relevant **solution**

Cloud Financial Management

How do I navigate cloud complexity and make it easier to create, operate, and optimize cloud resources and cloud-native applications consistently?

Today, cloud is being consumed less by traditional IT functions and more by developers, lines of business leaders, and staff working outside the company network, making it harder to guarantee performance and manage spend. Most organizations are moving to serverless and container-based technology to run their applications, which give more flexibility and portability. But if not properly controlled, this approach can result in even more clouds and cloud resources being used, increasing costs. This in turn further increases governance and management complexity.

Our end-to-end hybrid cloud management service helps address complexity with:

- A single interface for multi-cloud management across private and public cloud providers.
- A single view of cloud usage and spend and managed application performance. For example, through auto-discovery of legacy environments and right-sizing clouds to ensure a simple, consistent UX across your clouds.

Relevant solutions

Multi-cloud Management

Cloud Financial Management

Application Performance Management

How do I protect core business services and mission-critical applications so they can be trusted to deliver the best UX?

COVID-19 has placed even more demand on transport and logistics operators to adopt a more cloud-based approach, adding to the complexity of visibility, and creating more gray areas that do not fall under standard IT policy (shadow IT).

We help:

- Drive efficiency and productivity.
- Maximize the performance of business-critical applications and processes.
- Ensure apps and processes are robust, stable, and trusted through end-to-end monitoring and control.

By leveraging extensive diagnostic capabilities combined with comprehensive business performance reporting, we can highlight and manage performance where issues are impacting the business, freeing up your team to focus on more strategic work.

Relevant solution

Application Performance Management

How do I access the skills, capacity, and experience to create modern managed cloud infrastructures?

The number 1 question being asked by all transport and logistics providers is how do I digitalize the things that matter most, for example the customer experience, so that I can compete and grow new revenue streams? Underpinning this is a robust, scalable hybrid/multi-cloud strategy, but adopting hybrid in a structured, cost-efficient way is not easy, especially without capacity and skills in-house.

Our strong heritage managing core environments sets us apart

This enables us to manage in the best way today while also guiding your future cloud strategy, eliminating technical debt, reducing costs, and creating faster business value.

Our broad partner eco-system means we can be truly agnostic

We can focus on driving business outcomes and what's best for you. For example, we leverage major public cloud hyper-scalers (Amazon Web Services, Microsoft Azure and Google Cloud Platform) to be able to offer managed public, private, and hybrid cloud offerings.

Relevant solutions

Multi-cloud Management

Cloud Financial Management

Application Performance Management

Why should I choose Atos to help manage and orchestrate my cloud strategy?

1. **We are transport and logistics specialists**
   - We have 5,000 business technologists with 30+ years of experience, serving 200+ clients We offer mission-critical solutions and sector-specific digital transformation solutions through Atos Syntel.

2. **The world's first for the Olympic and Paralympic Games**
   - For the first time in the Olympic history, all critical applications of PyeongChang 2018 were hosted 100% in the Atos' cloud. This was a replicable model, which will be used for Tokyo 2020, supporting the International Olympic Committee in implementing sustainable solutions by minimizing the environmental impact compared to previous editions.

3. **We are safe custodians for our customers**
   - We don't just deliver solutions but take the time to understand the business, communicate with teams, and support them through change.

4. **We are truly agnostic but with a broad partner eco-system**
   - Our broad partner eco-system allows us to provide the right solution based on the customer's needs.

5. **We are recognized as a global leader:**
   - Leader in Gartner's Magic Quadrant for Hybrid Infrastructure Managed Services for Europe and North America, 2020.
   - Leader in Garner's Magic Quadrant for Data Center Outsourcing and Hybrid Infrastructure Managed Services, Europe and Asia Pacific, 2020.
   - #1 in Europe and globally a leader in cybersecurity.

Benefits

Reduce cost by up to 25% with automation and actionable recommendation

Improve cross-organizational collaboration and reclaim hundreds of hours of employee time
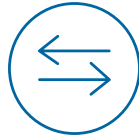
Atos cloud orchestration and management at a glance

We use data insight to ensure the right decisions and cloud investments are made now and in the future with:

A consultative approach from the start

Using our tools to create data insights to find quick wins as well as creating an ongoing and optimized cloud strategy.

End-to-end managed service

To understand where we can reduce complexity or manage it better, for example through automation.

Application performance monitoring and management

To enable cloud services to be adapted in real-time to meet the needs of the application and optimize it for the best business results.

Security and governance built by design

Making compliance easier and reducing risk with a comprehensive end-to-end secure encryption.

About Atos

Atos is a global leader in digital transformation with 105,000 employees and annual revenue of over € 11 billion. European number one in cybersecurity, cloud and high performance computing, the Group provides tailored end-to-end solutions for all industries in 71 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos operates under the brands Atos and Atos|Syntel. Atos is a SE (Societas Europaea), listed on the CAC40 Paris stock index.

The purpose of Atos 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.

Find out more about us
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Let's start a discussion together