Unlocking the Art of Potential

Atos and Microsoft
Use Cases

Today's enterprise requires more adaptable strategies when it comes to navigating a complex and ever-changing digital landscape. A well-crafted hybrid cloud approach serves as a catalyst for sustainable growth, while leveraging the Atos and Microsoft partnership allows you to align your IT operations with sustainability goals, contributing to environmental responsibility while optimizing our technology investments.

Just as critical is our commitment to helping your business prepare itself for future innovation. This includes getting your infrastructure and data ready to make the most of GenAI.

Here are a number of key use cases detailing just how we are working with organizations around the globe align business-critical capabilities in cloud, employee experience and sustainability:

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Hybrid cloud:

Our Hybrid cloud solutions offer the ideal bridge between traditional and cloud environments, allowing you to harness the power of hybrid cloud to drive growth, streamline operations, and prepare for the future of automation and AI in a way that is both flexible and aligned with your core business goals.

Problem

Multiple challenges to on-premise infrastructure which get in the way of the effective management and use of data - not least of which being siloed and fragmented data.

Solution

With the right cloud approach your business is better positioned to embrace new technologies such as GenAI. Atos and Microsoft's unified hybrid cloud model allows you to keep control over your infrastructure while meeting the individual needs of different lines of business. We help connect and manage your data, irrespective of whether it's on-premise or in the cloud. We can also help you solve the issue of departments 'going rogue' with Shadow IT choices, while allowing you to tailor solutions for each department within your organization.

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Multi-Cloud:

Adopting a multi cloud approach enables the flexibility that today's enterprise needs, ensuring regulatory compliance while reducing exposure to operational risk. This is because multi cloud allows your business the freedom to choose the best cloud services for your unique circumstances, ensuring optimized performance and cost-effectiveness.

Multi cloud strategy for service flexibility

Problem

Limitations and dependencies on a single cloud provider, hindering service selection flexibility.

Solution

Our multi cloud approach addresses vendor lock-in concerns by enabling the selection of services from diverse providers based on specific needs, cost-effectiveness, and performance criteria.
Release from a single provider allows businesses to choose optimal services across multiple providers, optimizing costs and performance tailored to their unique requirements.

Redundancy and reliability through multi cloud

Problem

Reliance on a single cloud provider increases vulnerability to downtime during outages or service disruptions.

Solution

Our multi cloud approach increases redundancy and reliability by leveraging multiple cloud providers.
In case of service disruptions or outages from one provider, it reduces the blast radius of outages to ensure continuous service availability and minimizing the risk of business interruptions.

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Leveraging multi-cloud for optimization

Problem

Challenges in optimizing performance and managing costs efficiently.

Solution

Our multi-cloud approach enables organizations to tailor cloud services to specific requirements.

Multi-cloud for compliance and reach

Problem

Struggles with compliance issues and geographic restrictions.

Solution

Multi-cloud infrastructure can assist you in complying with data sovereignty laws by allowing data hosting in specific geographic regions.

Multi-cloud for innovation and flexibility

Problem

Struggles with limited innovation, agility, and scalability.

Solution

Multi-cloud strategy can support innovation. Companies can experiment with various cloud services, frameworks, and tools, enabling faster adoption of new technologies. Additionally, the scalability and flexibility offered by multi-cloud architectures allow for quick resource scaling based on demand, enhancing overall agility.

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Cloud Migration

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This migration initiative successfully transitioned critical Linux and Windows servers to Azure Cloud while ensuring uninterrupted business operations. The Atos Cloud Migration Center mitigated performance risks and addressed application dependencies. This Dutch project drove operational efficiency, cost optimization, and positioned the company for sustainable growth through a scalable, cloud-native infrastructure.

Migrating from private to public cloud

Problem

This multinational Dutch company with 34k employees, specializing in paints and performance coatings, faced the challenge of transitioning critical systems from Atos data centers in the Netherlands to Microsoft Azure Cloud. A key requirement of the migration involved rehosting both Windows and Linux servers onto Azure's cloud-native infrastructure, ensuring compatibility and efficiency. Equally pivotal was the migration of 20+ SQL databases to Azure's PaaS database solutions to bring much needed modernization into the data management landscape .

To meet these demands, all tools utilized during the migration process were required to be fully cloud-native and provided by Microsoft Azure, avoiding the need for tailor-made or third-party solutions.

Solution

The migration process rehosted Linux and Windows systems into Azure using lift-and-shift methodology, preserving functionalities while embracing cloud-native principles. SQL databases were modernized with Azure PaaS solutions, enhancing data management and aligning with a cloud-first strategy. Network connectivity and data backups were optimized through Azure-native tools like Azure File Share, ensuring reliability and security. Observability was achieved with Azure Monitor and Log Analytics, offering real-time insights. Azure Migrate streamlined the transition, highlighting the cost-efficiency and scalability of adopting Azure's native technologies.

Azure Application Migration

Migrating Application Landscape with cloud-native tooling

Transitioning to cloud-native technologies is a transformative journey for organizations seeking scalability, efficiency, and innovation. This use case highlights how the Atos Cloud Migration Center facilitated the seamless migration of locally hosted SQL servers and legacy systems into Azure's native database solutions, leveraging its expertise in modernizing IT landscapes while ensuring business continuity.

This customer is a global leader in specialty chemicals, based in Europe and has ~8000 employees and presence in 80 countries.

Problem

Customer faced the complex challenge of migrating its **legacy on-premises systems to Microsoft Azure**. The key obstacles included transitioning locally hosted SQL servers into **Azure's PaaS database solutions**, ensuring compatibility and efficiency for Linux and Windows applications while **minimizing disruption** to critical operations. Additionally, the **stringent timelines** for exiting traditional data centers introduced further pressure to execute the migration swiftly and flawlessly.

Solution

Atos proposed leveraging Microsoft support for legacy application migration to cloud-native platforms via lift-and-shift, prioritizing modernization. This methodology is optimized in the Atos Cloud Migration Center and aligns with the customer cloudification goals, minimizing disruption, and meeting data center exit timelines.

Atos executed a seamless migration strategy that transitioned locally hosted SQL servers to Azure PaaS database solutions, modernizing data management. Legacy applications were rehosted into Azure's infrastructure. The tight timeline was met to ensure timely exit out of the datacenters.

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Employee Experience:

When it comes to delivering Employee Experience (EX), Atos and Microsoft's partnership goes beyond a typical vendor-client relationship. Both Atos and Microsoft operate as strategic partners, aligning our vision and expertise to drive innovation in Employee Experience (EX).

Working closely with you and your stakeholders, we ensure you understand your unique challenges and pain points, focusing on delivering results through high-value use cases and personalized solutions. We work through an end-to-end process to ensure you are in a position to deliver the employee experience your business needs.

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Sustainably unify remote and office-based models

Problem

The need to integrate remote and office-based work models while striving to automate workflows and meet sustainability objectives.

Solution

Atos and Microsoft collaborate to offer a solution that addresses these challenges by creating more autonomous work models. We introduce new social and collaborative experiences that leverage immersive technologies to connect your workforce regardless of location.

Design for well-being while supporting productivity

Problem

The need for insights into your employee experience to support employee productivity and well-being while empowering employees at all levels.

Solution

We help you to effectively understand and act on employee sentiment by measuring, analyzing, and managing their experiences in real time with "Voice of the Employee tools" tools. With Atos and Microsoft, you will be able to deliver pre-configured, value-add "moments that matter" based on HR best practices to support employee well-being and drive productivity gains. We work with you to provide equitable access through hyper-personalized experiences that recognize each person's individual talents, needs, and backgrounds.

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Design for well-being while supporting productivity

Problem

Connecting people, places, and platforms at work: You need to personalize your digital workplace, empower your employees and deliver extraordinary experiences consistently.

Solution

Atos and Microsoft work with you to build the right solutions for your needs with Atos' digital workplace expertise and industry leadership—combining design thinking with an understanding of your unique cultural challenges. We provide an enterprise portal powered by ServiceNow to help your employees seamlessly navigate all the services they need throughout their careers. We have also shifted the way we evaluate EX success from SLAs (service level agreements) to XLAs (experience level agreements) with end-to-end experience as a service linked to business KPIs and outcomes.

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Sustainability:

Atos incorporates sustainability in everything we do, and we share a clear joint commitment to sustainability with Microsoft that we have integrated into our core offerings. We emphasize leveraging technology for good, pledging to decarbonize IT by focusing on ICT low-carbon portfolio. low-carbon and circular solutions; all delivered with trusted transparency.

Overcoming challenges in managing indicators and environmental improvement activities your organization

Problem

Activities such as manual data management, limited integration with other business platforms, limited automation in the use of data, reduced in trend analysis and regular monitoring, lack of scalability with new indicators or lack of governance in the timely updating of indicators lead to a lack of certainty in strategic decision making, financial impact or risk of non-compliance with current or future regulations in organizations.

Solution

Atos and Microsoft unified services and products help you to track, analyze, and reduce your carbon emissions. We use advanced analytics and real-time data to provide a comprehensive view of your environmental impact. We also facilitate the identification of appropriate environmental indicators, automatically collecting data from multiple sources that is scalable and regularly updated to help your organization stay up to date with regulations, facilitate sustainability communication with stakeholders, and identify various improvement actions to ensure you are able to meet your decarbonization ambitions and targets.

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Why Hybrid Cloud with Atos and Microsoft

1. We have a heritage of **providing infrastructure managed services**, and we have evolved this by incorporating Azure Arc to allow customers to transform and innovate.

2. Atos is a strategic partner with Microsoft, working closely with **Microsoft engineering for excellence**.

3. We boast a global footprint of data centers, **providing unparalleled infrastructure support**.

4. We offer **leading expertise** in not only cloud, but in EX and Sustainability - a key differentiator in this rapidly evolving market.

5. Our solutions align with the **data-driven strategies of modern enterprises**, unlocking the potential of data assets.

6. Our approach to cloud allows organizations to embrace **Generative AI while still supporting and managing legacy infrastructure** as you continue to transform and unlock the power of your data.

7. We deliver **decarbonization through our sustainable IT services**, including our contractual commitment to reducing our clients' CO_2 emissions by improving our ICT services - or we compensate them for the residual emissions.

Next steps

Atos and Microsoft understand that every client will have their own journey, be it cloud, EX or sustainability. We bring a wealth of experience and support, working with you to assess your current level of maturity and capabilities and determine the best next steps for you.

That's why every engagement begins with a thorough advisory and consulting engagement, designed to establish your current situation and business objectives, before continuing with strategy and roadmap tailored specifically for you. We then work with you to create the ideal solution architecture for your business and develop a migration plan for a seamless transition.

Find out more

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Atos & Microsoft

Atos is a **Microsoft GSI & Azure Expert MSP**

17+ Gold
Microsoft Certifications

15+ Competency
Specializations

880+ customers
transformed with Joint
Go-to Market offerings

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About Atos

Atos is a global leader in digital transformation with 107,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high-performance
computing, the Group provides tailored end-to-end solutions for all industries in 69 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea) and listed on Euronext Paris.

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.

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