

Multi-National Electronics Manufacturer

Atos leverages PlateSpin to seamlessly migrate multi-national electronics manufacturer to Amazon Web Services.

Overview

Atos is a global leader in digital transformation with approximately 100,000 employees in 72 countries and an annual revenue of around € 12 billion. European number one in Big Data, Cybersecurity, High Performance Computing and Digital Workplace, the group provides cloud services, infrastructure and data management, business and platform solutions, as well as transactional services through Worldline. With its cutting-edge technologies, digital expertise and industry knowledge, Atos supports the digital transformation of its clients across various business sectors. Atos is the worldwide information technology partner

for the Olympic and Paralympic Games and is listed on the CAC40 Paris stock index.

Challenge

Organizations today seek to continuously modernize their IT and drive innovation, resulting in a rapid shift to cloud-based models. Many Atos clients are interested in a cloud environment to reduce their operational costs, create a higher availability platform (with uptime guarantees of 99.999%), improve security, and centralize IT management.

A multi-national electronics manufacturer headquartered in The Netherlands had all these motivations. As John van Bemmelen, Atos Global Delivery Executive, explains: "In the EMEA region alone, our client managed 97 datacenters, with many different technology stacks, working methods, and security standards. It was looking to standardize and centralize IT management to increase control and realize substantial operational cost savings."

Solution

After a thorough analysis of the existing environment and the available options, Atos Technology Transformation Services (TTS) recommended an Amazon Web Services (AWS) cloud approach. AWS would give the client the security they required, with the ability to operate in a well-defined private cloud environment.

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PIETER TALSMAN

Head of TTS
Atos



At a Glance

■ Industry

Manufacturing

■ Partner

Atos

■ Location

The Netherlands

■ Challenge

Support a multi-national client with a large-scale server migration to Amazon Web Services (AWS) to realize operational cost savings and a more standardized IT environment.

■ Products and Services

PlateSpin Migration Factory
Amazon EC2
Amazon CloudWatch

■ Results

- + Migrations are executed 50% faster than when using alternative migration solutions
- + Total elimination of manual effort while executing the individual server migrations
- + Downtime consistently kept under one hour per application for 95% of the migrations

"We experienced that PlateSpin has a maturity not many other solutions have. Our manual effort, both before and after a server migration, is virtually eliminated if we deploy PlateSpin."

STEPHAN RIEBROEK

TTS Migration Factory Manager
Atos

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To migrate the datacenter servers to AWS, Atos chose PlateSpin Migration Factory from OpenText™. Stephan Riebroek, TTS Migration Factory Manager for Atos, comments on this decision: "With a migration of this scale, we needed a flexible, but more importantly, reliable solution. At Atos, we don't just support cloud migrations, we also help our clients migrate between physical datacenters. PlateSpin Migration Factory works well in all these scenarios and we used it in the migration of our client's datacenters where we needed to minimize downtime while dealing with many different bandwidths and a large variety of servers."

Atos had the opportunity to compare PlateSpin Migration Factory with other cloud migration solutions in the marketplace and Riebroek describes why they prefer it: "We experienced that PlateSpin has a maturity not many other solutions have. Our manual effort, both before and after a server migration, is virtually eliminated if we deploy PlateSpin. In fact, I estimate that we complete server migrations 50 percent faster if we leverage PlateSpin. The technical teams behind PlateSpin are very knowledgeable and provide great support whenever we need it."

Because of the timeframe, Atos chose to take advantage of key PlateSpin Migration Factory capabilities that migrate servers as seamlessly as possible, minimizing the business impact. Additionally, the solution's unique project planning capabilities ensure that when the actual migration happens, the team can be fully confident of a successful outcome. Prior to migration, PlateSpin checks all servers and warns the team of any issues that might negatively affect migration, such as missing drivers. The ability

to create comprehensive test environments is another failsafe method to ensure a successful server migration.

PlateSpin Migration Factory's project planning and tracking capabilities are also appreciated by Riebroek: "We have the ability to schedule a full server for automated migration in off-peak hours. We do all the preparation work during office hours, and leave PlateSpin to execute the migration when it will least affect users. We don't need to be there either; a full report tells us exactly what happened when we return. The PlateSpin dashboard enables us to keep an overview of many sub-projects as part of a major project. We can make it really granular, with different views for different job functions within the project group, and a high level, real-time project overview for management."

Results

With more than 1,500 servers and 300 applications already migrated and operational in AWS, the multi-national electronics manufacturer is achieving the benefits it was hoping for. The transformation has reduced operational costs, while at the same time improving key performance indicators (KPIs) related to uptime and availability, ease of maintenance, and system administration simplification.

Pieter Talsma, Head of Atos TTS, concludes: "The partnership we have with "Micro Focus (now part of OpenText™) has strengthened over the years and our mutual trust is the reason we didn't hesitate to recommend PlateSpin for our client's project. Partnering with "Micro Focus (now part of OpenText™) enables us to deliver on the promise we make to our clients."

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