



# Enhancing resilience, agility and cost-efficiency with an AWS migration

A Spanish catering services company | Professional services



## Business opportunity

When a multi-national catering services group decided to standardize on Amazon Web Services (AWS) cloud infrastructure, its Spanish subsidiary saw an opportunity to lead the way. The Spanish company, which was centralizing procurement and HR operations to support its business transformation, wanted greater agility in evolving existing applications and developing new ones.

The catering services company recognized that migrating systems to AWS from its existing hosted private cloud would enable greater flexibility and scalability, helping it unlock agility. Migration also represented an opportunity to modernize IT systems, increase system responsiveness and enhance protection against disaster.

## Technical challenge

The IT infrastructure was broadly divided into three parts. A JD Edwards ERP system with a 6TB Oracle database served as the backbone for accounting, procurement and sales. A separate HR system was used for payroll and personnel administration. In addition, the company had a mix of applications for business operations, including web-based procurement tools and a menu-planning application.

This infrastructure was running across 130 VMware virtual machines in a private cloud within an IBM data center, fully managed by Kyndryl. The challenge was to lift and shift this critical infrastructure to AWS while minimizing risk and business disruption.

## Our solution

Together, Kyndryl and the catering services company migrated the VMware landscape to Amazon EC2 with Amazon S3 storage. With cross-region business-continuity measures built into the AWS environment, the client avoided the need to invest in separate infrastructure for disaster recovery.

Kyndryl migrated all 130 VMs over a single weekend with zero disruption. The subsequent migration of databases from Oracle to Amazon Relational Database Service was also completely transparent to users.

The highly experienced Kyndryl team that spent more than a decade managing the hosted infrastructure now manages the AWS environment, actively optimizing cost and performance to achieve the highest value.

## The power of partnership

The Kyndryl team combined deep knowledge of the previous hosted landscape with expertise in cloud migration and AWS operations. Kyndryl's strong strategic alliance with AWS helped ensure a smooth, low-risk, high-reward project for the catering services company.

Amazon Web Services included in the solution:

- Amazon RDS for managed relational databases.
- Amazon S3 for scalable storage solutions.
- Amazon EC2 for flexible computing capacity.
- AWS Direct Connect for secure, high-speed connections between Customer's on-premises data center and AWS.

## What progress looks like

Migrating to the AWS cloud has given the catering services company the resilience, flexibility and capacity it needs to grow and transform. The cloud landscape facilitates disaster recovery, enabling automated DR tests at any time and delivering 99.99% availability. Performance is also higher: one process that previously took 20 minutes now completes in just 3 minutes.

- Up to 150% boost in application performance on AWS.
- Greater agility in developing and supporting new applications.
- Cost savings through resource optimization and process automation.
- Improved risk management, cybersecurity and compliance.



What's your next digital business challenge?

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