



*El Tajonaso*

## CASE STUDY

### ABOUT

*El Tajonaso is a supermarket chain founded in 2002. It currently has more than 500 employees and 3 branches located in different parts of Panama Oeste.*

### THE CHALLENGE

Tajonaso was requiring a system to manage their entire operation and to have entire visibility and reports of their activities. They required sales processing and inventory management for their supermarkets and all the associated activities/processes. They chose SAP products to achieve their plans and they were looking for an infrastructure solution that can support it at an affordable cost. After a thorough analysis, AWS was chosen as their infrastructure platform considering the TCO analysis and that the overall cost of running the entire SAP platform on their site on-premises was huge and Cibernética was the chosen partner due to their experience, support and technical knowledge regarding AWS.



## **THE OUTCOME**

Cibernética proposed the implementation of EC2 instances to cover the computing needs for the SAP components and operation divided in Production, QA servers and Development servers. The connection to the VPC is achieved through a site-to-site VPN with the customer's on-site infrastructure. Backups of data are scheduled to S3. Monitoring and alarms are managed with Cloudwatch and AWS audit with Cloudtrail. On top of that, AMIs are created daily for all instances to have the proper templates to relaunch the SAP components in case there is an issue with the production instances. Additional security measures and services are used in order to provide confidentiality and protection over customer's data.

The operation of Tajonaso is having the results they were expecting from the very beginning of the project and support and maintenance is performed in collaboration with their IT department.

## **TCO ANALYSIS**

The costs of acquiring servers for an infrastructure on site were very high even without considering their support and maintenance. An analysis was presented with a mix between instances reserved for 3 years for production and QA, and 1-year reserved instances for development. After the first year, the development instances are used on-demand and are generally stopped until needed.



## **AWS SERVICES AND PRODUCT**

- EC2, S3, EBS, Lambda, SNS
- AWS Backup, CloudTrail
- AWS Config, AWS IAM, VPC, VPN
- AWS CloudWatch

## **PRODUCTS OF SAP**

- SAP ERP with HANA
- SAP Data Services
- SAP Fiori
- SAP Business Object

## **ENVIRONMENT**

Development, quality and production.

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### **CIBERNÉTICA**

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