PANAYA
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CEPSA

Panaya CloudQuality™ Suite
CASE STUDY

Cepsa lights up HANA migration with Panaya

Challenge

Compañía Española de Petróleos (Cepsa) is a large Spanish oil and gas company. With more than 10,000 employees and 26.9 billion euros in revenue, their ERP systems are complex.

Over the past few years, Cepsa underwent a major global expansion. Different units had different processes, data was not optimized, and processing slowed down. Their ERP system started holding their business back.

Running several EHP versions behind, they were stuck on ECC 6.0 EHP4. With only one single SAP integrated instance for all business areas, a large database, and more than 2,800 users, the complexity was getting out of hand.

Their existing database was insufficient to meet their future business goals so they needed a new solution. With 90% of their business running on one complex ERP system, they wanted to make one swift migration.

> "They had 9 million lines of custom code. They needed to simplify their processes and reduce ERP response time so that the business could be more agile."
>
> **Elsa Villalba Poncet,** Account Manager, Techedge

They knew that in order to increase performance they needed to upgrade to the bleeding edge. They decided to migrate to ECC 6.0 EHP7 on HANA, SAP's new in-memory relational database.

Solution

Such a large migration is risky. As an early adopter to HANA, not many organizations had experience with HANA migrations.

Cepsa's system posed additional, unique challenges. Making changes to a single system, especially with new technology, is extremely risky.

Cepsa management had clearly defined goals, with a strict budget and defined timeline. Having a clear roadmap in the end-to-end migration from impact analysis and scoping to managing tests, both technical and UAT, was critical.

They needed to understand the impact of changes. Insight into what to scope, what to test, and how to safely get there was essential. Luckily, Panaya CloudQuality™ Suite was there to help.

Benefits

Thanks to Panaya, Cepsa was able to upgrade on time with zero risks and zero defects. Their entire HANA migration from planning to go-live took only six months.

Panaya helped Cepsa scope the plan to test only affected areas. By running the impact analysis, they were able to plan the migration and manage the outside testers. As a result, they identified 8,690 objects that were out-of-scope. This saved 15,045 hours over the course of the project.

Panaya helped Cepsa keep their domain knowledge in-house. Data wasn't owned by external suppliers, but rather Cepsa. This makes it easier for them to be prepared for their next migration.

By organizing and centralizing data, hours were saved simply by avoiding tedious data collection and cumbersome reporting. By using Panaya, Cepsa and its outside contractors were able to ensure that everything that needed to be tested was.

"Panaya helped unify all of the processes and test cases in a single, reusable repository. **It's not in an Excel file, it's in Panaya and everyone can access these particular processes."**

Elsa Villalba Poncet, Account Manager, Techedge

"As an early adopter it was important for us to feel confident in our HANA migration. By using Panaya for our HANA migration, we got that assurance. We needed to stay current and support the increased rate of change. **Panaya enabled a fast EHP upgrade that reduced our risk and was critical to our HANA migration."**

Joaquín Reyes Vallejo, CIO, Cepsa

About Cepsa

Cepsa is an energy group that employs more than 10,000 people and operates at every stage of the hydrocarbon value chain: exploration and production of oil and gas, refining, distribution and marketing of crude oil and natural gas derivatives, biofuels, co-generation and electricity sales.

Cepsa has a leading position in Spain and, through the progressive international expansion of its business, also operates in several continents and markets its products across the world.

About Panaya

With Panaya, organizations reach ERP agility faster - with zero time to change, zero risk, and zero defects. Panaya CloudQuality™Suite enables all types of SAP® and Oracle® EBS changes. Panaya CloudQuality™ Suite delivers insights that tell you what will break, how to fix it, and what to test, helping organizations manage the testing process and collaborate between IT and business during the entire release process. Since 2008, 1,600 companies in 62 countries, including a third of the Fortune 500, have been using Panaya CloudQuality™ Suite to achieve ERP agility.