



Reimagined Unlimited agility and growth through technology

Enhancing Business Flexibility

Highlight

The challenge was to create a technological transformation program, considering the analysis and definition of an architecture that supports optimized processes and, at the same time, is adjusted to the challenges of energy transition and technological transformation. The project included an analysis of the current situation, the definition the future solution, culminating with the definition of a set of initiatives, roadmap and specifications.

Business & Issues

The client faced challenges related with energy transition, concession contract conditions and regulatory requirements. It was necessary to transform the current architecture to support business needs and processes, as well as promote integration and efficiency of application landscape, guaranteeing a solid and flexible core solution for all partners.



“The project included an analysis of the current situation, the definition the future solution, culminating with the definition of a set of initiatives, roadmap and specifications.”



Approach

Our approach was based on three different phases:

- › **First we defined the Vision.** We performed the **analysis and review of operational processes** and evaluation of **system's support**. Assessment of current architecture, catalogue of IT applications and diagnosis of the current solutions, identifying main requirements, pain points and key findings. This analysis was based on stability, customization, scalability, business suitability and GDPR compliance.
- › **Transformation:** Definition of **future architecture** and respective **functional domains**. For each domain was selected a shortlist of vendors ensuring alignment with market analysts, benchmark results and defined guidelines. An RFI was performed to assess pricing and requirements coverage. RFI results was the necessary input for architecture scenarios. An evaluation of reuse of existing systems was also performed in order to achieve a balance between simplifying technological stack, solution scalability and investment.
- › Finally, we developed the Blueprint through the definition of a **high-level roadmap with financial impact and calendar** - 14 initiatives focused on core operations, differentiation enhancement and organizational optimization.

Case study results



Digital transformation of the Client's critical areas of operation: a total of **16 systems** and **9 macro processes** were analyzed (out of the 11 functional domains targeted for analysis a total)



Maximizing the evolution of the organization, enhancing its **differentiation**

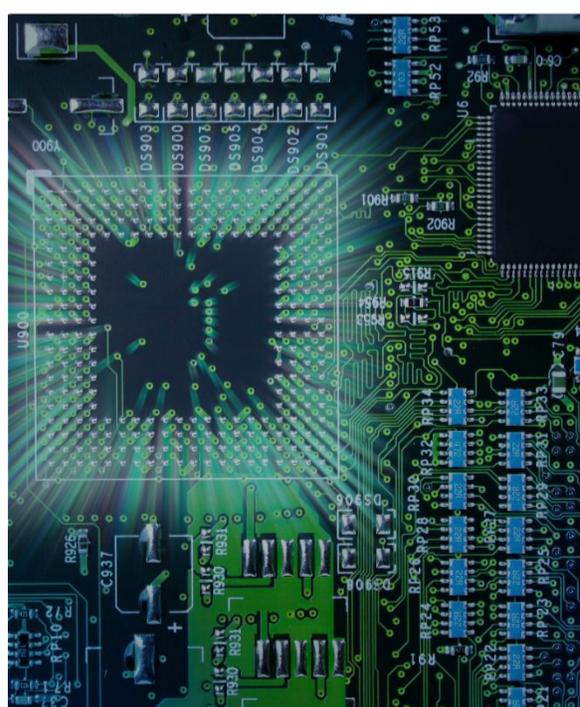


Optimizing activities of the organization

“By capitalizing existing information, we materialized high volumes of data in actionable insights, achieving efficiency and the optimization of both operational and business activities.”

Results

- › Scalability and flexibility allowing new business solutions integration
- › Efficiency and optimization of operational and business activities by capitalizing existing information, through the processing of high volumes of data materialized in actionable insights
- › Core systems consisting of, at least, 80% of standard features
- › Capable architecture to support and manage integrations with solutions that allow the control and monitoring of assets through IoT devices



Ready to ReImagine your architecture? Let's talk.



João Fonseca
Partner
joafonseca@deloitte.pt



Bruno Silva Batista
Tech Director
brbatista@deloitte.pt