

Banco Itaú

Successfully migrates Altamira core banking application to IBM Power 7 Platform

Reduce costs and increase efficiency were key factors for Itau Bank Chile when migrating core banking applications from the IBM mainframe 390 to IBM Power 7 Platform. The high risk decision taken by Itau Bank, associated with the complexity of the project, largely relied on the partnership with CLIP Chile for execution. The successful strategic decision places Itau Bank Chile as the first corporation worldwide to have Altamira running on an IBM Power 7 platform.



Mario Diethelm, Technology Manager; Edgardo Chacc, Technology and Operations Manager; Ricardo Vidal, System Engineering coordinator; all from Itau Bank.

In selecting the right partner Itau Bank evaluated 3 service providers to execute the project. "When we started, we considered migrating to another platform, however we wanted to have a homogeneous environment and not add another platform to host our applications", recalls Mario Diethelm, IT manager Itau Bank.

CLIP's technical knowledge and experience to successfully execute this complex migration project was one of the main reasons why we selected CLIP as a partner. "Before taking the final decision, we executed a proof of concept that lasted about 5 months. The POC ensured the viability of the initiative", explains Edgardo Chacc, Operations and IT manager at Itau Bank. The certainty and trust given to CLIP is also based on a successful tracking record for executing more than 20 similar projects, added Chacc.

CLIP migration project execution is automatic through the adoption of a proprietary solution that migrates code - generating native applications, without the need of "black boxes\emulators".

The goal of zero impact to the users and daily business banking operations activities, was also a reason to select CLIP to execute the project. From a more technological perspective, the migration between the two platforms (IBM Mainframe 390 and IBM

Power7) offers advantages due to the many similarities between both platforms, as an example, both offer the same database. "This allowed us to follow similar standards with regards to the tools used and how the applications are processed", adds Diethelm. The main benefit offered with the solution adopted is the gain for application processing time around 30% for batch applications. "Also, we were able to control and manage the response time standard deviation much more efficiently".

Better Control at Lower Costs

Additional important benefits are related to the ability to manage and control services internally, providing better control and software costs reduction of 10%, impacting positively the IT department budget. Higher gains were achieved with processing time costs, reduced by 70%. "Another added value resulting from this project, is the fact that for the first time a migration like this is executed with success in Chile", emphasizes Chacc.

As with almost every migration project, this effort also presented some issues. The commitment and professional experience from the Itau Bank operations and IT departments, and also the technical and team work experience from CLIP in both platforms were essential to the success of the migration initiative.

"In situations where we had some issues, I have to single out the professional commitment and attitude from CLIP to always research for the best solution and appropriate answer. For all this reasons, I classify CLIP as first in the class", confirms Chacc.

Project Summary

□ **Challenge:** Cost reduction and increased efficiency

□ **Solution:** Migrate core bank applications running on IBM Mainframe to IBM Power 7.

□ **Customer:** Itau Bank is part of the Itau Bank Holding with HQ in Brazil. It is the biggest bank in Latin America after the acquisition of Unibanco. In 2006, acquired Boston Bank in Brazil, Chile and Uruguay – all becoming part of Itau Bank shortly after acquisition.

□ **Service Provider:** CLIP Informática was founded in 1991 with HQ in Sao Paulo, Brazil. Has extensive experience in business solutions, migration and integration projects. CLIP Chile initiated operations in 2009.