



## Innovation Story

# A single source of truth for a bank in transformation.

LeanIX as the foundation to align architecture, processes, and strategy

### Banco Macro

Banking

Transformation Impact



# Designing the future, not just mapping the present



Banco Macro launched SAP LeanIX implementation with a clear objective: to position Enterprise Architecture as a strategic enabler of business transformation.

In a context of growth and increasing technological complexity, architecture information was fragmented, dependent on individual knowledge, and constrained in its ability to provide holistic analysis.

The Enterprise Architecture team led a cultural shift, leveraging SAP LeanIX as a single source of truth to connect applications, processes, and decisions.

Beyond the tool itself, the initiative enabled the structuring of the technology ecosystem, the establishment of a common language, and improved strategic decision-making, positioning Enterprise Architecture as a key player in the bank's transformation.

The primary challenge was not technology — it was culture.

The innovation lies in the approach: positioning SAP LeanIX as a strategic platform to align teams, enable conversations, and drive business transformation and cultural change.



**At Banco Macro, we transformed Enterprise Architecture into a strategic business enabler through the implementation of SAP LeanIX as a single source of truth - structuring our technology ecosystem and leading a cultural shift that strengthens strategic decision - making.**

 CHALLENGE

- Highly complex and distributed technology landscape
- Limited consolidated visibility over applications, data, and ownership
- Limited agility in responding to audits and regulatory requirements
- Need for a holistic enterprise view to effectively manage obsolescence and critical assets

 SOLUTION

- SAP LeanIX implementation
- Development of interfaces using SAP Business Technology Platform (BTP)
- Solution diagramming standard

 OUTCOME

- LeanIX implemented in Banco Macro, 370 applications, integrated by APIs with two systems
- Enterprise Architecture Diagram
- Registration and metrics of Applications that Manage AI Components
- Integration of data object information into applications
- 30 solutions diagrammed
- Data Object diagrams

99%

coverage of the application landscape with business and IT stakeholders assigned.

70%

of applications with 100% completeness and approved quality status

79%

of applications with AI assessment completed.

# Project details

## PROJECT OBJECTIVES

- Establish LeanIX as the bank's Software Asset Inventory
- Enable integration between LeanIX and the bank's Hardware Asset Inventory
- Enable integration between LeanIX and the bank's Technology Risk Management system
- Achieve a comprehensive view of the bank's technology platform, including its strategic assets

## USE CASE

- Enterprise Architecture Diagram Creation
- Interface modeling
- Platform Metrics Monitoring
- Data object mapping across applications
- Solution design and architecture modeling
- Data Object diagram modeling
- Standardized SDK Component Governance Framework

### DEPLOYMENT COUNTRY

Argentina

### DEPLOYMENT DATE

October 2025

### NUMBER OF END USERS

270

### TRANSACTION VOLUME

11,200 Unique logins since April 2025  
370 Applications  
708 IT Components  
113 Data Objects

# Innovations

## ◆ INNOVATIVE USE OF SAP TECHNOLOGY

**Banco Macro transformed LeanIX into an operating system for architecture enterprise, inventory tool, and regulatory governance.**

Rather than merely documenting applications, it consolidated into a single unified model:

- Enterprise Architecture structured in layers (channels, integration, business, data, support)
- Active management of technology obsolescence
- Active Strategic initiatives
- Data object classification and governance in partnership with the Chief Data Officer (CDO)
- Organizational traceability by Functional Area

LeanIX became the official reference platform for:

- Regulatory audits (including Central Bank requirements)
- Strategic decision-making on modernization
- Executive-level visibility across the technology ecosystem

## ▀ WHY SAP

SAP LeanIX was selected for its ability to combine:

- Structured and relational architecture model
- Federated governance with clearly assigned accountability
- Real-time executive reporting capabilities
- Enterprise-wide scalability
- Alignment with international Enterprise Architecture standards

## Enterprise-wide visibility

- 30+ platforms modeled
- Standardized architectural layers
- End-to-end Business–IT perspective

## Operational Impact:

- 270 enterprise active users - and growing
- Continuously evolving enterprise model
- Executive dashboards for cross-functional oversight
- Institutional standardization of Enterprise Architecture

## Governance & Regulatory Enablement

- Structured support for regulatory audits, including BCRA requirements
- Audit-ready, traceable evidence of applications, data, and assigned ownership
- Enterprise-wide consolidated view for technology obsolescence management
- Strategic initiative oversight

# Benefits and outcomes

## *The journey to a single source of truth*

From fragmented information to standardized data





### BUSINESS AND/OR SOCIETY

- An integrated view of the bank's technology landscape, enabling end-to-end visibility of strategic initiatives and technology obsolescence to drive informed decision-making
- Accurate and up-to-date ownership and asset information, enabling faster and more efficient responses to audits and regulatory reporting



IT

- Solution Diagrams
- AI and data object information 
- Real-time visibility into biometric components 

# Architecture

## Technical Fit



**A** Application - Technical Fit ▾

## Completion



**A** Application - Completion ▾

○ n/a   ● Inappropriate   ● Unreasonable   ● Adequate   ● Fully Appropriate

○ n/a   ● > 0%   ● > 50%   ● > 70%   ● > 90%   ● 100%

# Deployment details

## SAP TECHNOLOGIES AND SAP PARTNER PRODUCTS

SAP SOLUTIONS	DEPLOYMENT STATUS (Live or Proof of Concept)	SAP BUSINESS AI FEATURES (if applicable)	CONTRIBUTION TO THE PROJECT
SAP LeanIX	Live	AI Governance & Adoption activated	Institutionalized enterprise-wide governance across 300+ applications, enabling regulatory readiness and executive decision support.
SAP BTP – Integration Suite	Live		Integration layer connecting LeanIX with non-SAP systems (ITSM, GRC System) enabling synchronized IT asset and governance data.
SAP Signavio	Planned (H2 2026)		Strategic roadmap to integrate process-to-architecture governance starting H2 2026
SAP Providers	Planned (H2 2026)		Vendor and provider traceability within architectural governance

## SAP SERVICES AND SUPPORT

SAP SERVICES	CONTRIBUTION TO THE PROJECT
Internal Implementation	Led the enterprise-wide rollout, governance model definition and architectural standards institutionalization across IT and business domains.
SAP Enterprise Support	Provided continuous platform support, best-practice advisory and performance optimization for scalable enterprise deployment.
Strategic Partner	Supported integration design, operating model alignment and acceleration of SAP LeanIX adoption across critical domans.

## HYPERSCALER (please mark one or more if applicable)

AWS
  Google Cloud

Microsoft Azure
  Other

Other:

# Banco Macro

## HEADQUARTERS

Ciudad Autónoma de Buenos Aires

## INDUSTRY

Banking

## WEBSITE

<https://www.macro.com.ar>

## NUMBER OF EMPLOYEES

8,800

Banco Macro is one of Argentina's leading private financial institutions, serving more than 6 million customers through a network of over 550 branches and service locations nationwide, the largest branch network in the country

Who we are:

Proactive, agile, and customer-centric



# Partner information

Edison partnered with Banco Macro in the transformation of its Enterprise Architecture function, enabled by SAP LeanIX. Facing increasing regulatory demands, executive visibility needs, and a highly complex technology landscape of over 370 applications, the bank initiated a structural shift to establish Enterprise Architecture as a strategic, data-driven capability.

Working closely with the bank's architecture leadership and key stakeholders, Edison supported the configuration, implementation, and continuous evolution of LeanIX, enabling a centralized and reliable inventory of applications, IT components, and data objects. This foundation strengthened governance over technology risk and obsolescence while significantly improving transparency and decision-making at the executive level.

While Banco Macro led the cultural and organizational transformation, Edison contributed specialized expertise and implementation support, ensuring sustainable adoption. The initiative repositioned Enterprise Architecture from a documentation function to a strategic decision-support capability, enhancing transparency, standardization, and long-term resilience across the company.

PARTNER COMPANY

**Edison**





SAP  
Innovation  
Awards 2026