TeKnowledge

Building Cybersecurity Resilience into the Digital Transformation of a Leading Latam Bank

The Challenge: Ensuring a Secure Digital Transformation

After launching a digital transformation initiative in 2023 to modernize operations and improve efficiency, this LATAM financial institution needed to identify gaps in its cybersecurity framework to ensure compliance with both international and local regulations.

TeKnowledge's Tailored Solution

Building on that foundation, TeKnowledge has conducted two gap analysis to perform an in-depth assessment of the bank's cybersecurity landscape, identifying gaps and misalignments against key industry standards—including local regulations, ISO, and NIST frameworks.

Additionally, we have evaluated third-party and data security risks and developed a comprehensive incident response plan.

Proactive Cybersecurity Gap Analysis: A Key Driver of Operational Modernization

The comprehensive gap analysis conducted for the bank revealed gaps in its existing cybersecurity measures when compared to industry standards—including local financial sector regulations, ISO, and NIST frameworks.

By addressing these gaps as part of its broader digital transformation, the institution strengthened its operational modernization efforts—ensuring not only greater efficiency but also resilience and regulatory compliance.

This initiative reflects TeKnowledge's commitment to Crafted Synergy: combining deep cybersecurity expertise with innovative, standards-aligned solutions to help financial institutions anticipate threats, close critical gaps, and build long-term resilience.

Key Outcomes

- A seamless digital transformation.

- Operational efficiency.

- Regulatory compliance aligned with local and international cybersecurity regulations.

- A response team ready for any cyberattacks

Our Actions:

Comprehensive Gap Analysis:
TeKnowledge conducted a detailed analysis across the banking landscape, identifying disparities in cybersecurity measures versus industry standards (local regulations, ISO, NIST).

Framework Development:
We created a framework aligning local regulations with global standards.

Strategic Roadmap:
We developed a roadmap and work plan for seamless digital transformation and compliance.

The TeKnowledge Impact:

- The first gap analysis identified additional vulnerabilities and provided detailed solutions and recommendations to address them.

- The training program for the incident response team was tailored to include tabletop exercises based on real–life incident scenarios to assess the response team's readiness.

- TeKnowledge then conducted a second gap analysis to audit the institution's progress in addressing previously identified vulnerabilities and to develop a SOC (Security Operations Center) training program for the incident response team in the bank.

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