

Next-Gen Mainframe Observability in Banking

Modernizing Mainframe Monitoring for a Leading Public Bank



Client Overview

One of the largest public banks in Turkey, this client runs extensive mainframe infrastructure at the core of its banking operations, including transaction processing, database management, and core banking applications.

The Challenge

For many years, the bank's mainframe monitoring relied heavily on system programmers using 3270 green-screen interfaces. While efficient for expert users like DBAs, z/OS engineers, and CICS administrators, the platform had several operational limitations:

- Monitoring was isolated from the broader IT operations center.
- Tooling lacked integration with enterprise-wide dashboards and incident management workflows.
- The legacy system was difficult to maintain and consumed valuable sysprog time.

This created bottlenecks in visibility, slowed down response cycles, and reduced agility in handling performance or availability incidents across the bank's infrastructure.

The VBT Software Solution

Over a 10+ year partnership, VBT Software led a comprehensive modernization of the bank's mainframe monitoring environment by implementing BMC AMI Solutions across all critical subsystems.

These tools delivered:

- Modern, GUI-based interfaces with intuitive visualizations.
- Centralized monitoring integrated with broader IT operations.
- Automation and alerting to streamline incident response.
- Reduced dependency on manual 3270-based workflows

Why VBT Software?

- Proven track record in mainframe modernization projects.
- Long-standing partnership with BMC Software.
- Expertise in AML, automation, and IT operations integration.
- Deep understanding of financial institutions' compliance and performance needs.

The Outcome

The bank now benefits from a fully modernized monitoring infrastructure:

- Real-time system visibility for both operations and engineering teams.
- Shorter maintenance windows and faster issue resolution.
- Better collaboration between mainframe and distributed IT units.
- Lower operational burden on system programmers.

This transformation enabled the bank to align its mission-critical mainframe operations with modern IT operations best practices — improving both performance and resilience.



About VBT Software

VBT Software blends decades of experience with cutting-edge technologies to empower businesses through smart, scalable, and future-ready solutions. Trusted by leading financial institutions, telecom operators, and enterprise clients, VBT delivers technically robust, secure, and customizable platforms backed by deep domain expertise and long-term partnerships.