

Modernizing Core Banking with Generative AI

Accelerate Transformation

Generative AI

Banking

The Challenge

Built decades ago, for branch and back-office operations, the bank's core systems had become increasingly difficult and costly to evolve. As digital services expanded and customer expectations changed, millions of lines of interconnected COBOL code made modernization complex, time-consuming and high risk. At the same time, the shrinking pool of COBOL talent added further operational and delivery risk.

Find out more



The Solution

GFT partnered with the international bank on a structured modernization program that combined deterministic code conversion with GenAI-powered acceleration.

Deterministic tools converted COBOL into Java, while [Wynxx](#), GFT's AI platform, accelerated the Software Development Life Cycle (SDLC) by generating documentation, creating test scenarios and improving the readability and maintainability of the converted code.

The Impact

The project demonstrated that large-scale core banking modernization is both achievable and sustainable when automation, architecture evolution and GenAI work together. The modernized architecture delivers greater scalability, resilience and efficiency, enabling faster time to market, lower infrastructure costs and a strong foundation for future innovation.



Scalable Core Banking Modernization

Modernize core systems with a scalable, repeatable approach that reduces long-term program risk



GenAI-Accelerated Modernization

Accelerate documentation, testing, and code refinement across millions of lines of legacy code



Cloud-Ready Core Systems

Improve time to market, reduce infrastructure costs, and enable cloud-ready scale