

"Our modernization journey required not just cutting-edge technology, but a partner who understood COBOL and helped us transition with confidence. Infosys brought exactly that. Their vast experience in legacy modernization, AI-powered engineering, and cloud expertise allowed us to accelerate delivery, reduce technical debt, and strengthen system resiliency. This partnership and shared commitment were critical in helping us achieve modernization outcomes far more efficiently and quickly."

Dhriti Saha, EVP and Chief Information and Technology Officer, Hertz



Hertz

Hertz modernized critical workflows 60% faster with AI-first code engineering.

AI First Approach

Hertz, a global leader in car rentals, had long relied on complex COBOL systems running on the legacy platform. These systems have grown rigid, costly, and increasingly difficult to scale for modern business needs. To modernize, Hertz worked with Infosys to adopt an AI first approach, placing artificial intelligence at the core of the transformation. Infosys leveraged its mainframe to cloud expertise and a robust AI stack, including OpenAI, Claude Sonnet, and AWS Bedrock to build an AI first foundation for transformation. Infosys experts analyzed nearly three million lines of legacy COBOL code and used multimodal LLMs to craft a modernization blueprint suited for the cloud. Infosys applied AI powered reverse engineering to extract core business logic and reimaged it as domain centric Java microservices built using Infosys iLEAD and GitHub Copilot. With AI enabled testing, reusable components, and enterprise governance, Infosys scaled modernization efforts rapidly and consistently.

This AI driven, domain centric approach enabled accelerated modernization while significantly de-risking transformation at scale. The resulting microservices based digital core will materially improve platform agility, scalability, and system resiliency, enabling the enterprise to support high transaction volumes and respond rapidly to evolving business and customer demands on AWS Cloud.

The transformation will deliver measurable outcomes, including 60% faster modernization timelines, increased reuse of cross channel business capabilities, reduced hosting costs, and a scalable foundation for continued modernization and automation across additional business domains. This engagement demonstrates how an AI driven, domain aligned modernization strategy can establish a resilient digital core, accelerate delivery, and position enterprises for sustained innovation and long term growth.

