

Toyota Bank implements visionary sales platform

A new dawn for vehicles sales and
financing

Success story

BANCO TOYOTA

Mais do que um banco, um Toyota.



Multi-cloud application



Zero downtime



One-click development

CLOUD ENGINEERING



THE CHALLENGE

Offer a world-class omnichannel sales experience

Toyota Bank wished to harness digital technologies to boost brand engagement, help customers choose the best used vehicles and to unify customers, sellers and partners. Technically, this required:

- A new strategic serverless cloud infrastructure with zero downtime and 'everything as code' deployment
- Automated ingestion of on-premises data with no impact on performance or service availability
- A phased development with weekly releases to deliver customer value faster

THE ENGAGEMENT

Design and build a platform to facilitate continuous development and delivery

Making extensive use of Agile practices, such as Lean Inception, Design Thinking, Kanban, Scrum and Extreme Programming, GFT designed and built a new platform that facilitated continuous development and delivery. Highlights included:

- A new microservices architecture with APIs packaged as docker containers, rolling updates, auto scaling and self-healing
- Fully automated DevOps pipeline covering build, deployment, testing (unit, integration, end-to-end) using Azure DevOps and ARM Templates
- Automated data extraction from relational to NoSQL read-only databases

THE BENEFIT

Technology drives business success

The new omnichannel platform offers benefits to all members of the value chain:

- Customers feel welcome as "Toyota lovers" and enjoy defined digital journeys
- The bank's business is transformed with a digital platform that is reliable and scalable
- Groundbreaking architecture sets new standards for Toyota Bank and the industry