

Infosys helped a global financial services firm overcome testing issues by implementing a virtual service and test data generation solution



The Client is a global financial services firm providing innovative payment solutions and is one of the largest card issuers in the world.

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Client Challenges

A large program aimed at providing multi-channel support to customers was delayed because of test environment and data availability issues.

Infosys Solution

Infosys and CA worked together to:

- Implement the SV BVA framework to finalize the right applications for virtualization that would give maximum ROI

- Provide a data driven virtualization framework to help build virtual services by using the interface specifications and actual services
- Build custom solutions to handle tool limitations like unsupported message formats and transactions
- Implement a support process for virtual service and test data generation, which would ensure continuous support post deployment

Differentiators

- Infosys and CA conducted a joint Proof of concept for development of a customized solution for the client by enhancing the features of the CA SV tool.
- Infosys provided a repository of lifecycle templates, best practices, checklists, accelerators and utilities for efficiency improvement

Quantifiable Benefits for the Client

- Increased test coverage in shorter duration
- Uninterrupted, 100% system availability for development and test teams
- Repeatable, reusable, extendable and dependable process capability, which reduced dependency on actual APIs
- 90% reduction in cycle time
- 290 days acceleration in projects
- Process and means to validate Partners' APIs and business flows without impact to existing APIs and/or other partners in production
- US\$ 200,000 annual savings in support costs

