

GLOBAL POWER LEADER SAVES USD 5 MILLION WITH MULTI-CLOUD DEVOPS PLATFORM

Infosys best-in-class DevOps practices enables smooth application delivery



Client Overview

The client is a global power leader that designs, manufactures, sells, and services diesel engines, alternative fuel engines, related components, and technology. They use a robust IT ecosystem to connect products to customers, dealers, and partners.

Challenges

The client wanted a scalable, distributed, multi-cloud, polyglot DevOps platform supporting GitOps and DataOps to efficiently manage:



A mix of 10+ technologies spread across on-prem, Azure and AWS services with an adaptable and scalable solution



Lack of automation leading to high defect escape rate, manual errors, and reduced team productivity



Multiple touch points between application support teams leading to delayed releases



Scope

To develop a multi-cloud DevOps platform with a distributed and scalable architecture, capable of efficiently handling any application technology (such as Java, Scala, Python, and R)

Infosys Solution

Infosys built a DevOps platform with a highly responsive architecture that spans multiple public clouds (AWS & Azure) seamlessly. This helped build and deploy code close to the execution environment without single cloud vendor lock-in and effectively kept the architecture distributed and scalable. Besides, application could take advantage of the best cloud service provider.

Key Pillars of Transformation

RAPID DevOps

Repeatable | Adaptable | Predictable | Integrated | Dependable

People

Break Dev and Ops wall through integrated teams & processes

Build cross functional skills

Focus on unified governance for DevOps teams

Create routes for early feedback from Dev to Ops and ops to Dev

Process

Unified process views across groups for better handoffs and faster approvals

Continuous improvement through frequent feedback

Metrics driven dashboard for controls & improvement

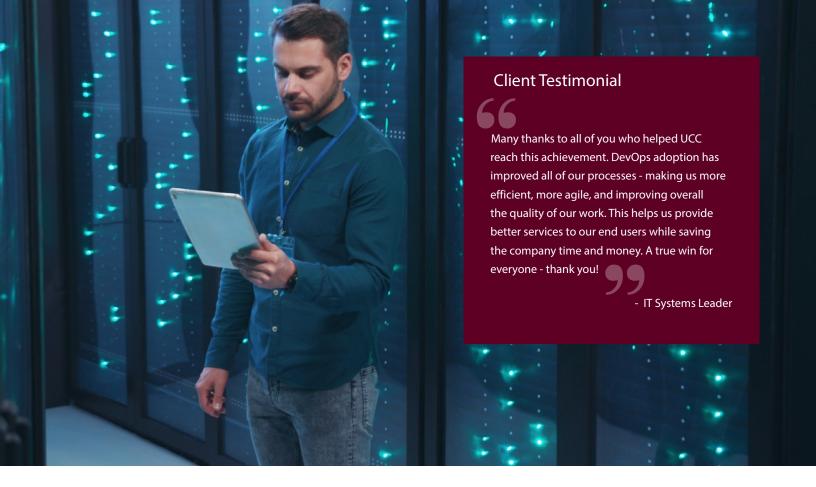
Technology

Adopt extreme automation to improve quality and increase release frequency

Maintain environment consistency to ensure repeatability of releases

Optimize, rationalize, and integrate tools across groups to remove inconsistency and reduce cost





Outcomes Delivered

USD 5 Million in savings through reduced infrastructure and deployment costs

Reduced time to market by nearly 40%

200% increase in release frequency; sprint spillover reduced to zero

95% reduction in deployment

End-to-end tracking of application SDLC activities, thus adhering to compliance and audit requirements

To know more about how your enterprise can gain a competitive edge with Infosys Enterprise Agile DevOps or with a custom platform of your own, please write to us at agile_devops@infosys.com.

For more information, contact askus@infosys.com

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