

Success Story: An UK based GDS scaled its platform performance by embracing cloud on a phased manner from staying On-Prem for years.

Business Need

The Client has an existing on-premises monolithic system which has rearchitected to cloud native to provide a more standardized and scalable environment , which can be easily managed and updated than if they are part of the monolithic platform.

Challenges

The Client chose Optisol Business Solution for implementation to address the following business challenges:

❖ Lack of robustness

- On-premises, dependent on Vertical
- Transparency limitations due to absence of application performance metrics

❖ Lack of Reliability

- Data governance challenges due to lack of standardized process
- Manual processes due to lack of an ETL framework for managing data feeds
- Very tight coupling within the application due to monolithic architecture

❖ Knowledge Retention

- Lack of documented procedures / user manuals
- " My total knowledge" syndrome – current knowledge retention is tacit

Technology



IaaS



Our Proposed Solution

✓ OptiSol implemented and rolled out a solution for the client for migrating their existing on-premises system to cloud. OptiSol took responsibilities for the implementation of this creative and bit challenging service through various stages such as

➤ **Stage1: Lift N shift (3 Months)**

- In this stage, there are no code changes, and the application is deployed as app services/cloud services. The application is connected to database from Azure Managed Services

➤ **Stage 2: Establish DevOps (6 Months)**

- In this stage, environment configuration and release definition with control mechanism are established. This stage also covers defining of release frequency to each of the environment synchronized to story life cycle vs online , establishing CI/CD process .

➤ **Stage 3: Future Vision (9 Months-18 Months)**

- Re-architecting the application for Cloud Native
- Application to be decomposed into multiple and manageable microservices using container orchestration
- Open .NET eco system to make the application OS independent.

Business Impact

- ✓ Standardize Business Processes: The solution provides scalable service for the company's future business plans which implements standard and uniform business processes
- ✓ Automate Business Processes: Completely automated business process enabled reduction in the turnaround time for getting information.
- ✓ Increases security and provides flexibility with less control.



Baid Hi Tech Park, 5th Floor, Block No 38, East Coast Road, Thiruvanimiyur,
Chennai-41, Tamilnadu, India

Phone : +91 44 42108070 (India), +1 415-233-4737 | +1 908-838-0191 (US)

info@optisolbusiness.com | www.optisolbusiness.com