



# Cloud Re-Engineering for a Leading Professional Services Firm

## **About The Customer**

Our customer is a multinational professional services network and one of the Big Four accounting organizations in the world. They have a network of firms in 147 countries with over 219,000 employees and have three lines of services: financial audit, tax, and advisory.



## Challenges:

- *Difficulties in scaling up*
- *Need for a good customer service*
- *Generic payment system*

## Solution:

- *Microservices architecture pattern*
- *SaaS accelerators for building a subscription model*

## Results:

- *End-to-end CI/CD*
- *Improved scalability and security*
- *High availability of applications and databases*
- *Quicker deployment*

## The Need

The client's Singapore branch was in the middle of a digital transformation journey. They had a monolithic application based on their current Tax, Audit, and Advisory consulting offerings. They wanted it to be re-engineered into a modern digital service suite on a Cloud-based Digital Services Platform.

They also wanted the application to have better scalability and to provide next generation end-to-end customer experience.

Finally, their generic payment system was constricting their revenue stream. They wanted to digitally transform it and implement a subscription business model that can serve multiple clients effectively.





## Aspire's Solution

After studying the client's needs and challenges, we recommended and implemented the application in microservices architecture which was delivered through Azure AKS.

### Solution in Detail

- Each microservice is now multi-tenant in nature and can scale up to meet the customer needs.
- We recommended Techcello, our own Microservices and SaaS accelerator for SaaS platform services development. This helped our client to build the SaaS platform in just 3 months.
- We implemented a SaaS based subscription model with multi-tenancy for better business opportunities.
- OAuth 2.0 based IDP with SAML and OAuth2.0 federation support.
- End to End automated release from infrastructure to deployment by Cloud and DevOps.

### Roles Played

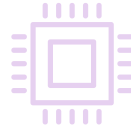
- Cloud Consulting
- Application Reengineering
- Microservices Development
- SaaS and Microservices Accelerator
- DevOps

### Benefits

- High Availability of applications & databases
- End to End CI/CD
- Faster time to market with accelerators
- Highly scalable and secure architecture



## Technology Snapshot



- » .Net Core 3.1, EF Core, Angular, Docker, Kubernetes, OAuth 2,
- » Azure AKS, Key Vault, Blob Storage, Azure SQL MI, CDN, Azure DevOps





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