## Business Situation

With Centrica moving business applications to Azure it was essential that the cloud platform was secure, properly governed and had financial controls in place to help better understand and manage cloud spend.

## Solution

With **Azure Foundation** we applied security solutions to meet the security requirements as mandated by Centrica. The security controls were applied using a combination of services natively available in the Azure cloud platform, and others from third party solution providers.

We also provided a governance and cost management framework. This ensured that there was appropriate governance around cloud usage as well as cloud cost management.

## Benefits

With **Azure Foundation** all necessary security, governance and cost management controls were implemented. In doing so, Centrica were safe in the knowledge that their cloud presence was being deployed following industry standard best practice recommendations.

## Background

The **Journey to a Modern Enterprise** is our proven approach to moving customers to Azure. **Azure Foundation** is an offering which is part of this approach, built from many years' experience of moving customers to the cloud.

Moving applications and workloads to the cloud is a massive attraction for many organisations, primarily due to the favourable economics which the cloud offers, the ease of deployment, and the flexibility and scale that the cloud provides.

With **Azure Foundation** we identified a number of areas which organisations were failing to address with respect to their cloud journey. These areas fell into three broad categories: **security**, **governance** and **cost management**.

With **Azure Foundation** at Centrica we addressed these challenges which allowed them as an organisation to have better control and understanding across all three category areas.

Read on to understand more on how we helped Centrica define their cloud presence by our implementation of **security**, **governance** and **cost management** solutions deployed in Azure.

## What is Azure Foundation?

**Azure Foundation** was core for Centrica when it came to understand how to best use Azure. Centrica found was that whilst it's easy to spin up VMs and start using cloud services there needed to be appropriate controls and guard rails are in place before doing so.

> **Azure Security** – we helped ensure that the security posture of the Centrica cloud met and conformed with the security controls mandated for the platform.

> **Azure Governance** – we provided Centrica with a means to have complete control over their environment.

> **Azure Cost Management** – we helped Centrica with solutions to better understand, control and optimise their cloud spending.

## Azure Security

Security was at the heart of Azure for Centrica. With **Azure Security,** we introduced the following:

- Identity management
- Threat detection
- Role-Based access controls
- Just-in-time access
- Monitoring and alerting

## Azure Governance

Centrica wanted to ensure that there was appropriate governance controls in place for Azure. With **Azure Governance**, we implemented the following:

- Implementation of an appropriate management group structure for the organisation.
- Repeatable, reusable methods for deployment of subscriptions.
- Fine grained control over permissions, policies and rights for Centrica teams using the platform.

## Azure Cost Management

At Centrica there was a gap with regards to fully understanding cloud spending across the organisation.

We helped Centrica optimise where they were spending, how they were spending, and where they could cost optimise their spending to help get more for less from the cloud platform.

## Get in touch!

If you would like to hear more about our **Azure Foundation** offering, then please get in touch. We would be delighted to help you understand how we can help you in your own cloud journey.

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