



Cloud Native App Modernisation Implementation

Kainos has a 36+ year history helping organisations of all sizes – including some the largest UK government departments - adopt technology and **drive transformation on their terms**. We are Azure cloud specialists holding many competencies, hundreds of certifications and multiple advanced specialisations including in Kubernetes, Windows, SQL Server, Linux and Opensource technologies.

What do you get?

Recognised globally by Microsoft for our Cloud Native Leadership, over 3-weeks our experts will explore the techniques, technologies and approaches you can use to modernise one of your existing applications. We will deliver:

- **Modernisation Pathway:** We co-develop a tailored, optimised path for your app and build a roadmap and backlog of future work around this.
- **Expert Advice:** With 200+ certifications across 160+ cloud platform specialists, our architects are steeped in cloud-native approaches, tools, and technologies. All of our recommendations will be aligned with the Azure Well Architected Framework.
- **Proof of Concept:** We don't just provide advice, our architects and engineers will embed within your team to co-deliver your first modernisation sprint overcoming early challenges and together, building momentum.

Modernisation pathways may entail:

- Containerising existing services and deploying via AzureDevOps/Github to Azure Kubernetes Service
- Upgrading app interfaces to support Azure PaaS services
- Integrating Azure cognitive services for improving data accuracy/meta-data.

How does this work?

Week 1: Discovery & Planning

- We'll start by arranging a **kick-off workshop** to better understand your business context, challenges and current state. We'll start the process of shortlisting modernisation app candidates to assist your selection.
- We'll schedule a **collaborative design workshop** transposing your existing app's architecture into the world of Azure and Cloud Native. We'll identify the key benefits, challenges and risks for each modernisation approach to determine a preferred path forward.
- We'll generate **roadmaps and backlogs of work** to deliver your app modernisation vision and provide high-level timelines/costs.

Weeks 2-3: Co-Delivery

- To rapidly build momentum and catalyse the modernisation roadmap we'll embed our engineers within your team to **co-deliver the first sprint and deliver a thin-slice of your modernisation path** validating the approach and building confidence.
- Challenges are typically encountered early so having our **experts embedded** means as governance, delivery or technical obstacles arise – we're there to help.

What makes us different?



We don't start with technology and then look for a problem, we work backwards from your specific application and business needs to suggest optimum modernisation approaches.

Whilst adoption of Azure PaaS technologies and containerisation are obviously key considerations in any cloud native journey, we think beyond these operational concerns e.g. improving data accuracy and insights using artificial intelligence & machine learning.