



## Solution Brief

# App Modernisation Workshop

With the pace of change and ever-increasing challenges driven by current market conditions, organisations need to identify solutions that enable them to run their essential applications fast and securely. Modernising applications to either bring life to existing ones or adding new functionality are often triggers for many organisations to modernise their systems.

Businesses want to feel assured during these uncertain times that they have the tools to run their applications and drive business agility seamlessly.

## Business Challenge

Modernising legacy applications is vital to avoid several cybersecurity threats that can leave organisations vulnerable to possible attacks. Besides, fast-changing client needs for improved services and better overall client experience require these applications' performance, functionality, and availability to support more significant innovation and agility. With legacy application holding organisations back from more effective and smarter work, IT teams are being challenged to meet these demands in terms of both resources and cost.

## Benefits of this service

- Gain a deep understanding of the possible modernisation paths
- Awareness of use cases.
- Product cost model and pricing scenarios
- Understanding of common workload migration to the cloud

## Related Services

- App modernisation Assessment
- Azure Foundation Set-Up



## What we'll do during the workshop



**Focus** on App Modernisation scenarios and related techniques.



**Discover** how to start the Modernisation journey.



**Understand** the choices related to building and deploying containerised applications through a live demo.



**Plan** next steps.

## After the App Modernisation Workshop, you'll...



Have a better **understanding** of what App Modernisation options are available to you.



Have a clear understanding of how to integrate the solution with your current portfolio.



**Accelerate** your App Modernisation journey.



Have defined **next steps** for App Modernisation based on your needs and objectives

### App Modernisation



#### Data Modernisation for Applications

Leveraging advanced Cloud data capabilities as part of Application Modernisation to evolve beyond NTier architectures

#### Application Modernisation

Refactor or revise existing applications to utilise PaaS / Serverless services Application Modernisation.



#### Security Modernisation for Applications

Leveraging advanced Cloud security capabilities as part of Application Modernisation for mission critical workloads or industry-specific requirements.



#### Cloud Native Networking

Application Architecture Modernisation to include cloud-based ingress including networking security, NVA's, CDN, etc. to support a global presence.



#### DevOps

Leverage DevOps automation capabilities to streamline Continuous Integration/Continuous Deployment (CI/CD) and Release Management.



#### Telemetry Modernisation

Modernise monitoring and logging of key application health, performance, security, and business metrics.



#### Application Availability Modernisation

Architecting high availability, deployment orchestration, and disaster recovery for Cloud applications.



#### Cloud Native Application Modernisation

Rebuild Application to a Cloud Native architecture to utilise advanced Azure services such as AI, Blockchain, IoT, Machine Learning, Bots, etc.

## App Modernisation from Insight

Underpinned by Insight's extensive expertise, companies can benefit from a range of App Modernisation services developed to help them unlock several advanced cloud capabilities around business agility, global scale and increased resiliency of applications and services.

### Insight Approach

Application Discovery	Assessment	Build Roadmap
<ul style="list-style-type: none"> <li>List applications</li> <li>Map application dependencies</li> <li>Share the questionnaire with the client per each application</li> </ul>	<p>This detailed assessment informs the next development steps, where we migrate or rewrite the source code based on the migration strategy and assessment results.</p>	<p>Prioritises these application lists based on their level of importance to the business:</p> <ul style="list-style-type: none"> <li>Identifies how broadly the application is utilised across the company (i.e., how many users)</li> <li>Categorises the application based on its usage (customer-facing or internally focused application)</li> </ul>