# Lancom App Modernisation: The Azure Cloud Advantage

Technology moves fast, but has your business kept up? If your web or mobile applications are unreliable and struggling to cope with ever-increasing demands, Lancom's App Modernisation service is for you. Migrating legacy applications to Microsoft's Azure Cloud can deliver dramatic performance improvements, boost security and achieve massive scale. And it can even save you money.

## Why App Modernisation

Modern applications hosted in the cloud do everything your existing applications could and so much more. Microsoft Azure is highly secure, highly compliant and massively scalable, capable of elastically handing even dramatic spikes in demand. Security is assured, with business continuity and built-in disaster recovery a standard feature of Microsoft's world-leading cloud platform.

Cloud solutions are accessible from anywhere, on any device, unleashing your applications and enabling your workforce to be more productive, more often. Eliminate hardware and the associated maintenance overheads for a reduced and predictable total cost of ownership cost and enjoy an immediate performance boost.
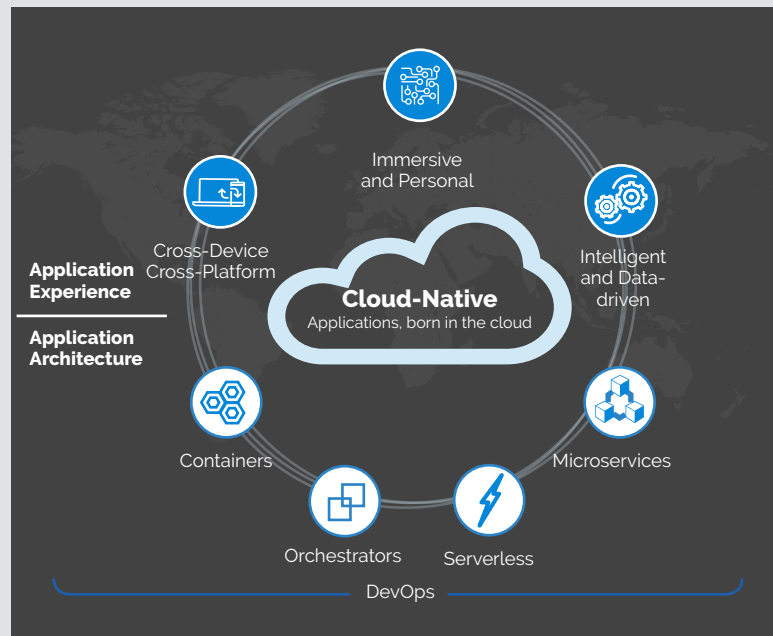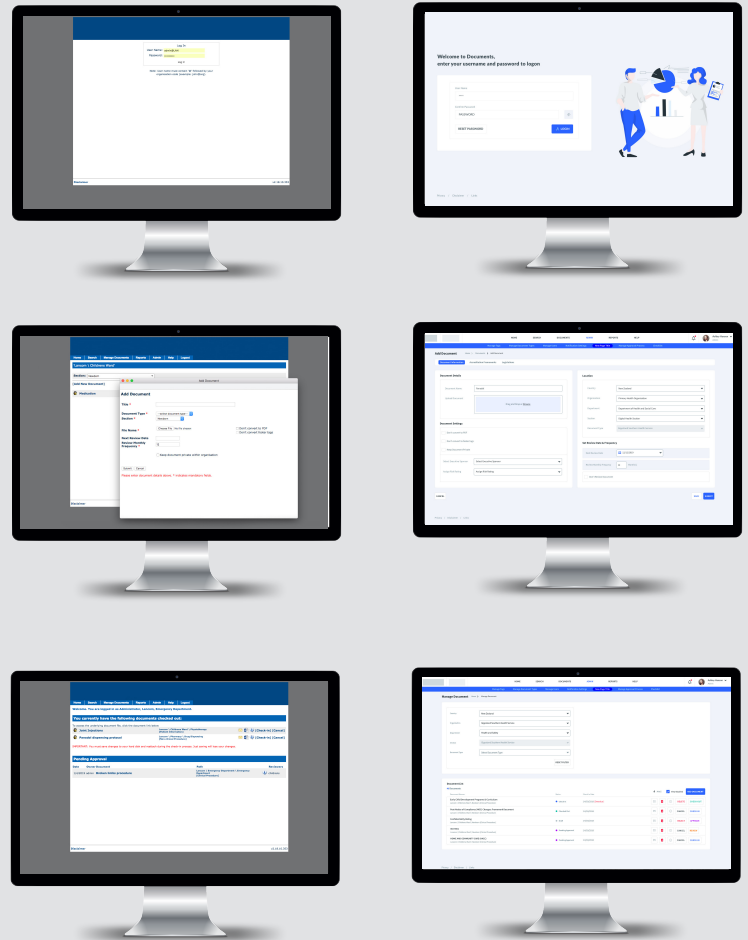
## Are your applications ready for tomorrow?

| Today | Future |
|---|---|
| Silo'ed applications built in isolation | Multi-channel applications covering all  touchpoints |
| Limited set of platforms and form factors | All major platforms and form factors supported |
| Overabundance of data | Data-driven intelligence in applications |
| Servers and infrastructure to manage | Focus on application functionality, not infrastructure |
| Upfront capacity planning, fixed scale | Elastic unlimited scale |

## App modernisation: Azure's key features

Modernising legacy apps immediately puts all of Microsoft's latest technology capabilities at your fingertips. The Azure cloud is feature rich with constant development delivering new features and benefits at an unprecedented pace. Working closely with Microsoft, Lancom puts these capabilities to work for your business.



**Application Experience**

**Application Architecture**

- Immersive and Personal
- Cross-Device Cross-Platform
- Intelligent and Data-driven
- Containers
- Microservices
- Orchestrators
- Serverless

**Cloud-Native**
Applications, born in the cloud

DevOps

## Among the native advantages of the Azure cloud are:

### Azure App Service

Integrate Azure App Service into your existing frameworks for a serious acceleration of developer productivity. That comes with capabilities including continuous integration, live-site debugging and Microsoft's Visual Studio Integrated Developer Environment. Azure App Service goes further, with an ecosystem of prebuilt apps, APIs, and connectors at your fingertips on the Azure Marketplace. Deploy updates easily with integrated CI/CD capabilities with Visual Studio Team Services, Bitbucket, Docker Hub, and GitHub.

### Microsoft Azure SQL Database

The Azure SQL Database is a fully managed relational Database-As-A-Service (DBaaS) managing millions of production databases across 38 data centres around the world. Azure SQL Database supports an enormous range of applications and workloads, from managing transactional data to driving data-intensive, mission-critical applications requiring advanced data processing at global scale.
Features of Azure SQL Database include Managed Instance, automated Data Migration Service, built-in Intelligent Optimisation, Automatic Tuning and Adaptive Query Processing.

### Microsoft Azure Active Directory B2C

Built on Azure Active Directory, Azure Active Directory B2C is a highly-secure cloud identity platform that handles billions of authentications per day. It delivers trusted scale, reliability, and availability for all customer-facing applications. And Azure Active Directory B2C is the key to creating fully customizable experiences, while protecting identities at the same time. Built-in policies are supplied as standard, but you can create your own and integrate with CRM databases, analytics tools and account verification services.

### Azure Application Insights

You can't manage unless you can measure. Application Insights is an extensible Application Performance Management (APM) service for web developers on multiple platforms. It monitors live web applications, automatically detects performance anomalies and offers powerful analytics tools for issue diagnosis and insight into how your app is actually used. Application Insights helps continuously improve performance and usability, integrating with DevOps processes and a variety of development tools. It can monitor and analyze telemetry from mobile apps by integrating with Visual Studio App Center.

## Focus on your business. Leave the rest to us.

Offering three decades of technology leadership to high-growth start-ups, SMEs and public and private enterprises, Lancom has successfully transitioned multiple organisations from legacy environments to modern systems. We lead with a cloud-first approach, delivering market leading ICT consulting, software development, systems integration, managed IT services, and cloud solutions.