



## CLOUD-NATIVE APPLICATION MODERNISATION WITH AZURE

Rapid changes of environment today demand companies to be highly agile, scalable and flexible. Enterprise's IT to face those challenges must be adaptive, fast, modern and continuously deployed with minimal downtime. But legacy application portfolio frequently may be complicated, with lack of documentation. That legacy might not be matched with the expectations on business agility.



This offer is best suited for CTOs, CIOs, who willing to increase profit, market share by modernizing their key applications, making them cloud-native, adaptive and whole IT infrastructure agile and continuously deployed.

The cloud is changing how applications are designed. Instead of monoliths, applications are decomposed into smaller, decentralised services. These services communicate through APIs or by using asynchronous messaging or eventing. Applications scale horizontally, adding new instances as demand requires.



Cloud Services's cloud-native offering of Application Modernisation establishes the future state cloud-native architecture and continuous delivery model along with modernising complex legacy systems into cloud-native architecture.

This is achieved with resilient, scalable cloud-native applications built, deployed and hosted in the cloud. We use multiple levers while building cloud-native methodologies such as: microservices, domain driven design, behaviour driven design, agile, containers, and DevOps. We use various tools for automation of assessment before migration and monitoring of performance an app in cloud after migration.

Cloud-native applications enable smaller and more frequent releases leading to business agility. This leads to quick refinement of customer expectations by adding new features and accelerated innovation.

#### Benefits:

##### **Manage continuous business needs**

Cloud-native applications are enables with auto-scale features to manage continuous business needs. This feature enables companies to deal with complex up-down process needs.

##### **Speed up the release cycles**

Leverage industry leading cloud native design patterns, modern application development practices, along with Agile and DevOps enablement.

##### **Decreased time to market**

Cloud-native architecture enables increased agility and extensibility, as companies can add or update new modules without having to rebuild entire applications.

##### **Security and compliance**

[ISO, SOC, and PCI compliant](#). You will have possibility to authenticate users with [Azure Active Directory](#) or with social login ([Google](#), [Facebook](#), [Twitter](#), and [Microsoft](#)). Create [IP address restrictions](#) and [manage service identities](#).

#### Deliverables:

##### **Automated pre-migration assessment**

Including Product Backlog, understanding app context, functionality, evaluation of potential value of cloud-native, migration estimate

##### **Modern cloud application architecture**

##### **Successfully migrated application on Azure**

Through relevant scenario: re-host, refactor, rebuild or rearchitect, readiness of overall architecture, migration plan and migration itself

##### **Design and Development**



## Cloud Services



Automation framework. Security framework, monitoring tool tuning

### **Documentation**

Including source code, scripts, Azure DevOps repository with source code

### **Additional:**

- Azure subscription, SSL certificate and domain will be provided by client
- Post-migration support options are available, see [CloudOps Managed Service](#)
- Estimate does not include changing website source code, functionality or content

### **About Cloud Services**

Cloud Services a professional team of technical and business experts specialising in consulting, developing and implementing innovative services in the field of cloud technologies and includes services for migration and maintenance of IT infrastructure and applications for companies in the Microsoft Azure cloud environment.

WE ARE RECOGNISED BY MICROSOFT WITH AZURE EXPERT MANAGED SERVICE PROVIDER ACCREDITATION

With this accreditation Microsoft highlights less than 100 companies worldwide, who passes annual independent third-party audit conducted by a reputable auditor company to assess their people, processes and technology related to their ability to offer managed services for complex Azure environments.

### **Contact us:**

[www.cs-worldwide.com](http://www.cs-worldwide.com)

[team@cs-worldwide.com](mailto:team@cs-worldwide.com)

