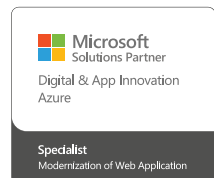
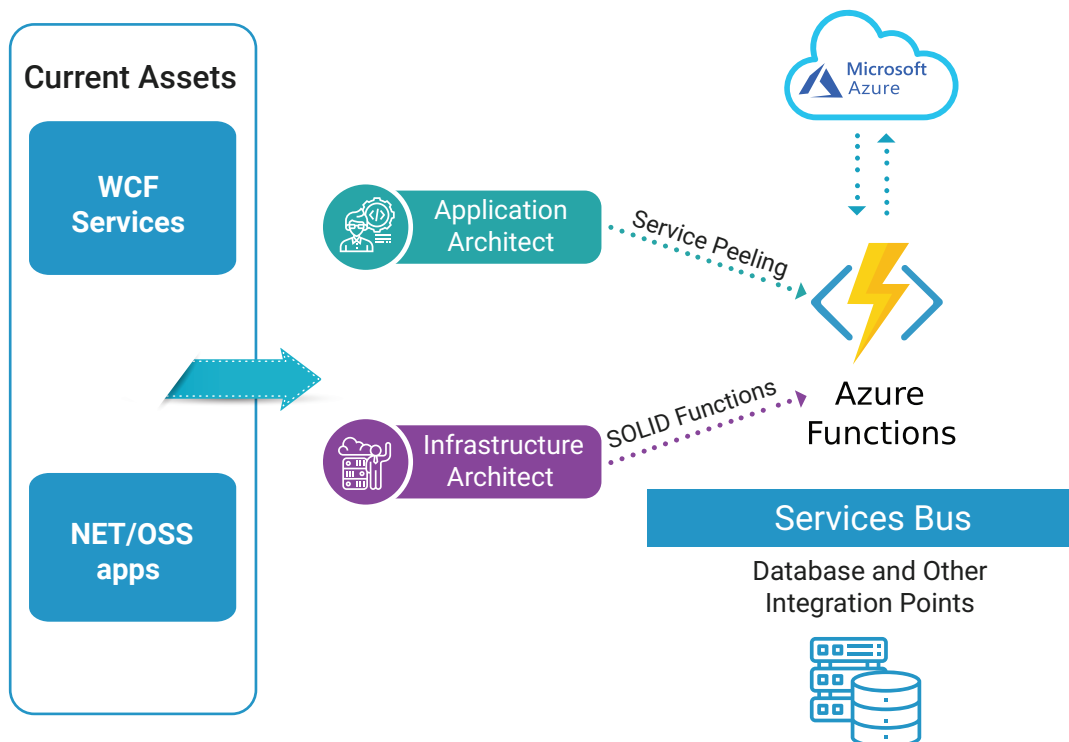


Nous App Modernization Bootcamp: 4-Week Proof of Concept

Nous App Modernization Bootcamp is a consulting service that will demonstrate the benefits of modernizing applications using Azure Functions or Azure App Services based architecture. The offer includes modernizing a selected application in the customer's environment.



Solution Overview



Azure functions help in breaking down large applications into smaller discreet functional code units

As microservices architecture, provides excellent capability to auto-scale up/down on-demand

Implement the new architecture in parallel with the legacy system to ensure that there is no impact on business

Migration Phases

01 Prepare

- ▶ Application discovery
- ▶ Identify business functions that are independent
- ▶ Target architecture
- ▶ Incremental implementation plan

02 Design

- ▶ Infrastructure roadmap
- ▶ External communication
- ▶ Inter context communication
- ▶ Packaging & deployment model

03 Build

- ▶ Develop function
- ▶ Setup CI/CD pipeline
- ▶ Release management workflow
- ▶ Blue-green deployment strategy

04 Operate

- ▶ Log aggregation and endpoint health
- ▶ Declarative resource management
- ▶ Auto-scaling

Lower TCO





Elasticity

Microservices

Language Neutral

Managed Service

Engagement Plan

 Assess Week 1	 Migrate Week 2	 Optimize Week 3	 Modernize Week 4
<ul style="list-style-type: none"> App Modernization Bootcamp Engagement scope and target application definition Review app architecture, resource usage, dependencies, etc. Assessment, analysis, and requirements baselining Analyze architectural options; identify end-state architecture 	<ul style="list-style-type: none"> Define/build microservices architecture for identified application(s) in scope Migrate application(s) and integrate into Azure App Services Deploy Azure DevOps CI/CD pipeline for development services 	<ul style="list-style-type: none"> Test, run, validation, verification Release management workflow Blue-Green deployment strategy 	<ul style="list-style-type: none"> Azure control plane telemetry and log dashboards Declarative resource management - continuous monitoring, alarm setup, incident management workflows Auto-scaling Governance, security, support framework definition

Deliverables



Azure App Services Workshop



Azure governance, policies, and security blueprints



Fully architected and modernized application in customer Azure account for selected application(s) and use case(s)



Modernization approach documentation



Azure DevOps CI/CD pipeline with automated tasks



Best practice guide to operate and manage Azure App Services environment

USA

California
Tel: +1 925 425 7325

USA

New Jersey
Tel: +1 732 985 9533

CANADA

Toronto
Tel: +1 905 910 0298

GERMANY

Mainz
Tel: +49 6131 28910 31

UK

Brentford
Tel: +44 208 587 1411


INDIA

Bangalore
Tel: +91 80 41939400

 nousinfo.com | testtree.com | vserve247.com

 info@nousinfo.com

 [@nousinfosystems](https://twitter.com/nousinfosystems)

 [company/nous-infosystems](https://www.linkedin.com/company/nous-infosystems)

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