

Azure Cloud Native Design

16-week implementation

Are you looking to rapidly deliver impactful business outcomes, drive continuous innovation and improve efficiency across your company? Then leveraging Zensa's broad Azure based, Cloud Native design and implementation engagement is the best option. Leveraging our expertise, customers seeking digital transformations can leverage the cloud effectively to design, build, deploy and govern cloud native solutions on Azure. Zensa has deep Azure and modern architecture driven application development experience by using solutions accelerators and a studio approach with seasoned resources, we can rapidly deliver highly efficient, secure and scalable cloud native solutions. Our approach spans a 16-week implementation engagement process that will deliver a modern, cloud native (MVP) solution, fully built on advanced Azure technologies like AKS, ACS, GitHub, DevOps, App Service, Functions, Gateways that is secure and easy to govern.

Features

- Understanding domain specific requirements, data/database design and microservices based architecture reviews to maximize cost and efficiency.
- Collaboratively select target services, language, frameworks to run cloud native solution.
- Build Azure DevOps for CI/CD pipelines along with GitHub and SecOps integrations to speed up release cycles, decrease time to market.

Deliverables

- Cloud native application/solution (MVP), fully secure, monitored and running in Azure.
- Fully documented modern, cloud native solution architecture.
- Code base, design and development process, including automation framework, security framework, and monitoring tool tuning.

Zensa's Process

Strategy/Analysis:

- Analysis of business needs and outcomes, with KPIs
- Identification of MVP features/capabilities
- Selection of frameworks, language, tools and approach.

Proof of Concept:

- Quick PoC to test strategy
- Review outcomes and solicit feedback
- Incorporate changes and finalize plan.

Pilot/Landing Zones.

- Set-up Infrastructure, landing zones with blueprints and accelerators
- Build and harder DevOps pipeline

Build/Test:

- Agile methodologies and sprints
- Pipeline Gates/AB Testing
- Release cadence

Handover:

- UAT and stabilize solution
- Deliver with documentation.
- Monitor and refine.



ZENSA'S CLOUD TECHNOLOGY SERVICES

Cloud Enablement

- Cloud ROI and TCO Analysis
- Workload Discovery and Assessment
- Migration Planning
- Datacenter Migrations
- Data/Database Migrations
- Cloud Reseller Migrations Training

DevOps, AIOps Automation

- DevOps Capability Assessment Services
- Continuous Integration, Delivery, Deployment Pipeline Design and Implementation
- Automation Services
- Compliance and Security Services (Hardening)
- DevOps Training

IoT Solutions, Data, Analytics

- IoT Solutions Architecture Design
- Sessions (devices and applications)
- IoT Automation and Hardening
- IoT Edge Implementation
- Insights and Analytics
- IoT Training

Application Services

- App Modernization (Micro-services, Docker, Functions, Event Driven)
- Application Perf Tuning & Monitoring
- Legacy Application Migration
- Mixed/Virtual/Augmented Reality
- AI & Machine Learning
- 3D UI/UX Designing