# zensa

# Azure Application Modernization
## 4-week assessment

A comprehensive modernization plan of customer's application portfolio, ensuring they leverage modern features and capabilities in Azure. Zensa's offering will help customers with application inventory, determine the effort involved in modernizing existing applications and understand the value of modernizing them in Azure. Our approach targets various adoption methodologies focused on migrating applications with minimal (code) changes or through a full architecture re-design, if needed. Modernized and migrated workloads in Azure benefit from elasticity and scale, while also unlocking additional capabilities like event driven, functions based, microservices architectures, allowing legacy applications to perform like cloud native apps.

## Features
- Accelerate innovation: Modernize applications to accelerate transformation & increase agility.
- Modernize at scale: Understand complete set of modernization capabilities of Azure, incorporate services and features to design self-healing resilient systems.
- Reduce costs: Utilize pay for use services, modern frameworks and infrastructure options that's best suited for your needs.

## Deliverables
- Categorized inventory of applications based on different modernization strategies
- Prioritization of applications and target Azure services and solutions for modernization
- Summary of modernization tools, processes and methodologies with custom technology solutions based on customer apps portfolio
- Comprehensive assessment report with modernization plan, roadmap, cadence with cost of modernization, ROI,
- Complete end to end Proof of Concept (PoC) of application modernization

**Goals/Objectives**   **Discovery**   **Modernization Analysis**   **Assessment Review**

### Zensa's Process

**Goals/Objectives:**
- Understand customer's business goals
- Define goals, KPIs and deliverables
- Finalize modernization approach

**Discovery:**
- Discover applications through automation and manual methods
- Categorize and prioritize portfolio for detailed analysis
- Determine targets for legacy apps.

**Modernization Analysis:**
- Comprehensive modernization analysis
- Modernization roadmap per App/Category with customer targets.
- Determine modernization cadence
- Demo modernization techniques

**Assessment Review:**
- In depth review of assessment results.
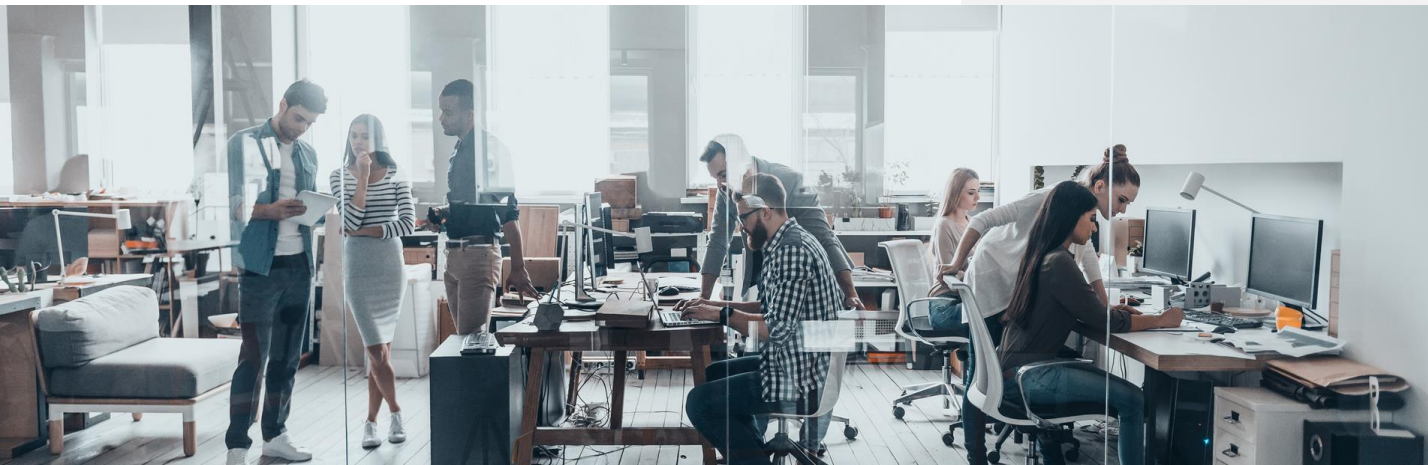- Modify roadmap/plan based on feedback
- Deliver final report

## 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 Services.
- 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

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