



# Cloud Migration Excellence

Accelerate Your Digital Transformation with AI-Powered Cloud Migration

Seamless, secure, and intelligent migration to unlock the full potential of cloud computing

## Our Cloud Migration Services

Comprehensive AI-powered migration services to transform your infrastructure and accelerate innovation



### Cloud Readiness Assessment

- AI-driven comprehensive analysis of your current infrastructure, applications, and data to determine optimal migration strategies and cloud readiness.

#### AI-Powered Capabilities:

- Automated application dependency mapping
- Cost-benefit analysis automation
- Intelligent workload assessment
- Risk assessment and mitigation planning



### Migration Strategy and Planning

- Strategic migration roadmap with AI-optimized sequencing, timeline planning, and resource allocation for minimal business disruption.

#### AI-Powered Capabilities:

- Intelligent migration wave planning
- Resource allocation algorithms
- Automated timeline optimization
- Risk-based prioritization



## Application Migration

- End-to-end application migration with AI-powered automation, testing, and validation ensuring zero-downtime transitions.

### AI-Powered Capabilities:

- Automated application refactoring
- Intelligent container orchestration
- Zero-downtime migration automation
- Performance optimization algorithms



## Cloud Optimization

- Continuous AI-driven optimization of cloud resources, performance tuning, and cost management for maximum efficiency.

### AI-Powered Capabilities:

- Automated resource right-sizing
- Intelligent cost optimization
- Performance monitoring and tuning
- Predictive scaling algorithms



## Cloud Security and Compliance

- Comprehensive security implementation with AI-powered threat detection, compliance automation, and governance frameworks.

### AI-Powered Capabilities:

- Automated security configuration
- Intelligent threat detection
- Compliance monitoring automation
- Security policy optimization



## Application Modernization

- Transform legacy applications to cloud-native architectures with AI-assisted refactoring, containerization and microservices adoption.

### AI-Powered Capabilities:

- Automated code analysis and refactoring
- Intelligent microservices decomposition
- Container optimization algorithms
- API-first architecture design

# Multi-Cloud Expertise

Expert migration services across all major cloud platforms with vendor-neutral approach

## Amazon Web Services

- EC2 and Auto Scaling
- Lambda and Serverless
- RDS and DynamoDB
- S3 and CloudFront
- EKS and Fargate
- AWS Migration Hub

## Microsoft Azure

- Azure VMs and VMSS
- Azure Functions
- Azure SQL and Cosmos DB
- Blob Storage and CDN
- AKS and Container Instances
- Azure Migrate

## Google Cloud Platform

- Compute Engine and Autoscaling
- Cloud Functions and Run
- Cloud SQL and Firestore
- Cloud Storage and CDN
- GKE and Anthos
- Migrate for Compute Engine

## Hybrid and Multi-Cloud

- Kubernetes Orchestration
- Terraform Infrastructure
- Istio Service Mesh
- Helm Chart Management
- GitOps Workflows
- Cloud Agnostic Solutions



# Migration Strategies

AI-driven approach to select the optimal migration strategy for each workload

1

## Rehost (Lift and Shift)

Move applications to cloud with minimal changes for quick migration and immediate cost benefits.

**Best for:** Legacy apps, tight timelines, immediate cloud benefits

2

## Replatform

Optimize applications for cloud with minimal code changes to leverage cloud-native features.

**Best for:** Database migrations, managed services adoption

3

## Refactor

Redesign applications to be cloud-native with microservices, containers, and serverless.

**Best for:** Performance improvements, scalability requirements

4

## Rebuild

Complete application rewrite using cloud-native technologies and modern architectures.

**Best for:** Complete modernization, competitive advantage

5

## Replace

Replace existing applications with SaaS solutions or cloud-native alternatives.

**Best for:** Commodity applications, reduced maintenance

6

## Retire

Identify and decommission applications that are no longer needed or used.

**Best for:** Cost reduction, portfolio simplification

# Our AI-Enhanced Migration Methodology

Proven approach combining industry best practices with intelligent automation

1



## Intelligent Discovery and Assessment

Cloud-native architectures and AI optimization deliver unprecedented application performance.

2



## Strategic Planning and Design

Machine learning algorithms analyze assessment data to recommend optimal cloud architectures, migration strategies, and implementation roadmaps tailored to your business needs.

3



## Automated Migration Execution

AI-orchestrated migration with automated testing, validation, and rollback capabilities. Zero-downtime migrations with real-time monitoring and intelligent error handling.

4



## Optimization and Continuous Improvement

Post-migration optimization with AI-driven performance tuning, cost optimization, and continuous monitoring to ensure maximum cloud ROI and operational excellence.

## Transformational Migration Benefits

Quantifiable outcomes that drive business value and competitive advantage



### 60% Cost Reduction

AI-optimized resource allocation and automated scaling reduce infrastructure costs while improving performance.



### 10x Faster Deployment

Automated migration tools and intelligent orchestration accelerate deployment cycles and time-to-market.



### 99.9% Uptime Assurance

High availability cloud architectures with automated failover and disaster recovery capabilities.



### 95% Security Enhancement

Advanced cloud security features and AI-powered threat detection improve security posture significantly.



### 5x Performance Improvement

Cloud-native architectures and AI optimization deliver unprecedented application performance.



### Zero Downtime Migration

Intelligent migration orchestration ensures business continuity with zero planned downtime.



# Korcomptenz

Korcomptenz is a total technology transformation provider that partners with clients to improve their digital experience and insight. We unlock the power of technology in the areas of ERP, CRM, infrastructure management, cloud, data and AI to empower our clients with intelligent and experiential solutions. We **#FocusOnYou**

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