

# Cloud Migration

As organizations strive to attain competitive edge in their respective markets, there is a strong need to address key challenges experienced by customers to embark on a cloud journey for attaining outcomes. Cloud Migration is a clear pathway tailored to cater the most particular needs by making the cloud-first journey successful through enablement of shifting workloads onto cloud and automate processes effectively to leverage cloud capabilities at scale.

## **Industry Challenges**











Lack of skilled resources

Absence of cloud adoption blueprint Mis-aligned internal organizational structure Budget restrictions due to scattered revenue streams Business objectives developed in silo's

### How Teafocus can help?



Certifed & Experienced Architects & Engineers



Accessbility to funding programs for migration



Leverage Teafocus accelerators for effective migrations



Help get rid of monoliths to build micro-services architecture



Containerize, Serverless, Automation, Logging & Monitoring

### **Derived Outcomes**

At Teqfocus, we help customers migrate mission critical workloads at any phase of their journey into the cloud adoption journey

Quick time to market

Reduced costs over time

Ease-out day to day operations

Shortened release cycles

Scalability & Resiliency

### **Custom Migration Solutions Offered**



#### **ELEVATE**

#### **Foundational Cloud Adoption**

Single Workload oriented Single Application & Database

- Landing zone foundation
- Enablement for Containizerization, Serverless, TeqNOC Managed Services
- Automation-driven with Tegfocus accelerators
- Cloud-native dev enablement
- Functional toolchain
- Governance, Logging & Alerts Security and Monitoring



#### **ACCELERATE**

#### Large-scale Migration

Multiple Workloads Portfolio of Applications

- Enterprise foundations + Landing Zones
- Workload planning and design
- Architected for serverless, containerization and managed services
- Schema for scalability & performance
- Enterprise metrics, logging and monitoring
- TeqAdvisory & TeqTransform services
- Backup and Recovery services



#### **DIFFERENTIATE**

#### Services centric

CloudOps enabled TegNOC services

- Tailored for automation-driven results
- Onboarding, Analysis, Fix & Deployment
- Focused on operations
- Monitoring, Alerting, Incident management
- Timely Well-Architected reviews
- Security, Cost, Performance-driven
- Support round the clock as per needs

### **AWS Cloud Migration detailed timeline**



- Expand on business objectives
- Challenges
- Derived outcomes
- Customer Steerco & Teqfocus Leadership alignment
- · Prep for migration blueprint
- Workload Priortization

#### Week 1

- Build Cloud Governance Model
- · Assessment of skills and COE establishment
- · Evaluation of current state of architecture
- Develop security runbook
- · Landing zone and platform assessment
- · Identify key items for migration phase-wise

#### Week 2

- Design migration strategy
- Priortize list of actions for migration
- Migration blueprint established
- Backlog created for phase-wise migration
- · Operations readiness modelling
- Map current state to future state for execution



#### 2 Weeks

Strategize, Readiness and Documentation







- Clear defined goals for incremental migration execution
- · Tracking of milestones and risk mitigation
- Pipelines brought in action to move mission critical workloads onto cloud
- App & Data movement, transformation, storage and housekeeping
- PODs execution summary development
- Monitoring, Logging and Alerting enablement
- Documentation of phases completion and reporting

### **Outcomes From Cloud Migration Offerings**





Costs reduction over using legacy monoliths

Build cloud native enabled services that allow faster time to ship releases to market

### **Customer Success Story**

### Background

Customer is a Healthcare company based in St. Paul, Minnesota, US that provides treatment to its patient using evidence-based medical and behavioural mechanisms leveraging data-driven tech to solve problems.

#### Business case:

Teqfocus, a digital consulting company, an Advanced AWS Partner and Salesforce Partner discovered that the customer needed help to migrate their mission critical workloads onto cloud ensuring there is zero downtime for their ongoing medical systems

#### Solution offered:

Workloads were migrated using proprietary in-house outcomes driven framework to migrate EHR/EHR workloads. Apps were containerized and built using serverless services and databases using micro-services architecture. Robust CI/CD pipelines were built for automated deployments to allow faster deployments to ship releases for end users to consume in market.

#### **Outcomes:**

Established a cloud governance model to build scalable and robust apps on cloud

Enabled infrastructure for cloud native app development

Reduced costs and improved efficiencies in operations for day to day usage

Built CI/CD pipelines in effect to multiple deployments catering faster releases for market

### Teqfocus Canada | USA | UK | India

Tegfocus is a digital consulting company based out of India and operates across Toronto, Canada, US & UK. We are an AWS Advanced Consulting Partner and Salesforce Ridge Partner with in-house Cloud Engineering & Product Engineering practices known for helping organizations of all scales and sizes to attain the right business outcomes. Our skilled architects, engineers, and developers are equipped with a product mindset & deliver to provide end-to-end value-driven results.