

# CLOUD ADOPTION AND INFRASTRUCTURE OPTIMIZATION

HELPING ORGANIZATIONS BUILD A SMART AND MATURE CLOUD ADOPTION STRATEGY.



Migrating applications and IT assets to the Cloud presents a unique opportunity to transform the way organizations do business.

Our goal is to help customers build a mature Cloud adoption strategy and implement Infrastructure as a Service (laaS), Platform as a Service (PaaS), and Software as a Service (SaaS) through automation and turnkey solutions.

Guidehouse is well positioned to accelerate and mature a customer's Cloud adoption journey through best practices, architecture blueprints, landing zones, and variety of reusable and repeatable engineering services. We offer full-lifecycle managed services to migrate, run, support, and optimize infrastructure and applications in the Cloud by leveraging "infrastructure and security as code," DevSecOps, and our proven Cloud adoption framework.



#### MULTI-CLOUD AND MULTI-WORKLOADS DEPLOYMENTS

We enhance the interoperability and portability of workloads across multi-Clouds through Continuous Integration/Continuous Development (CI/CD) pipelines and container orchestration platforms.



#### PRIVATE AND HYBRID CLOUD IMPLEMENTATIONS

Through intelligent automation, we orchestrate the movement of data and applications between private and public Clouds.



### **MICROSERVICES AND CONTAINERIZATION**

We build functional microservices by decomposing large monolithic applications into loosely coupled modules, which communicate with each other through Application Programming Interfaces (APIs).



# **SERVERLESS APPLICATIONS**

Enabling organizations to shift more of the operational responsibilities to Cloud providers enhances agility and innovation. The tasks associated with infrastructure provisioning and management are invisible to development staff, permitting an increased focus on the business logic and delivery of more value to organizations.



#### **MANAGED IT SERVICES**

We provide multiple turnkey solutions and automate common activities, such as installation, configuration, change requests, monitoring, patch management, security, and backup services, as well as provide full-lifecycle services to provision, run, and support customer infrastructure in the Cloud.



#### **CLOUD ENABLEMENT**

Guidehouse helps customers adopt the Cloud within their digital transformation journeys to meet business objectives and drive growth in an accelerated manner. We enable our customers successfully move IT services to the Cloud platforms that best suit their current needs while leaving them the flexibility toadapt to the ever-changing mix of business demands.



#### **SECURITY AND COMPLIANCE**

Our Cloud security compliance team helps to design a Cloud security strategy, perform security assessments, as well as build and run compliance programs.



#### **CLOUD NATIVE APPLICATIONS**

We implement these applications using de-coupled microservices based architecture and APIs first design paradigm. The applications are built and deployed in a rapid cadence by our dedicated feature engineering teams using Agile and DevSecOps best practices including containerization.



#### **DATA CENTER OPTIMIZATION**

We work with customers to consolidate data centers including migrating them to the Cloud. We perform application rationalization and modernize their overall IT landscape, realizing IT infrastructure cost efficiencies, improving security, and positioning our customers for future infrastructure improvements.

# **ABOUT GUIDEHOUSE**

Guidehouse is a leading global provider of consulting services to the federal government, public sector, and commercial markets with broad capabilities in management, technology, and risk consulting. We help clients address their toughest challenges and navigate significant regulatory pressures with a focus on transformational change, business resiliency, and technology-driven innovation.

#### **CUSTOMER INTIMACY**

Our team is fueled by innovative thinking that accelerates client advancements.

#### **HIGH QUALITY FOCUS**

We apply a world-class quality initiative to increase product and service efficiency and cost effectiveness as well as customer and user satisfaction.

# OUTCOMES-BASED APPROACH

Our knowledge of client missions and operations enable us to deliver solutions that immediately make a difference.

#### **FLEXIBLE, AGILE PROCESSES**

We deliver rapid prototyping and solution development to quickly meet mission critical challenges.

# **CONTACT GUIDEHOUSE**

1676 International Drive Suite 800 McLean, VA 22102

innovation@guidehouse.com www.Guidehouse.com