ENTERPRISE DIGITAL MODERNIZATION AND SYSTEMS INTEGRATION

APPLYING EXPERIENCE OF TRANSFORMING LEGACY, MONOLITHIC SYSTEMS INTO MODERN, INTEGRATED DATA PLATFORMS THAT ENHANCE USER EXPERIENCE AND ADVANCE MISSIONS.

Guidehouse brings a unique combination of deep domain expertise and advanced technologies to deliver solutions that are the "best fit" for our customers. We're not just talking about the leading-edge technologies, we're applying them in ways that accelerate agency missions and contribute to improving, protecting, and saving lives.

We are proud of our innovation-focused culture and entrepreneurial DNA that is fueled by company-wide investments and collaboration. We encourage all ideas and use flexible, agile processes for rapid prototyping and solution development to solve our customers' complex mission-critical challenges.

Digital transformation (DT) is necessary, but 70% of all DT initiatives do not reach their goals. Successful modern systems enhance customer satisfaction through a human centric design and visualization of information, generated by integrating various applications and datasets across multiple business functions, business models, engagement channels, and stakeholder ecosystems in an enterprise.

Guidehouse brings enterprise digital modernization technologies and methodologies to support mission and modernization mandates.

We have the experience of transforming legacy and monolithic systems into smart, auto-scalable elastic computing fabrics through microservices, distributed computing, containers, and agile software engineering and DevOps automation methodologies. Our playbooks comprise best practices, lessons learned, repeatable processes, architecture blueprints, common and shared services, and turnkey solutions to accelerate and optimize the Digital Modernization journey.

HUMAN FACTORS ENGINEERING/HUMAN COMPUTER INTERFACE

As software systems scale, adding more features and capabilities over time, they often become very complex to use and require subject matter experts and embedded trainers to facilitate their basic usage. Guidehouse has significant experience in human factors engineering providing insights and guidance tomake releases of software user friendly.

AGILE SOFTWARE DEVELOPMENT AND SYSTEMS INTEGRATION

We provide Agile transformations using Scrum, Kanban, Lean, and SAFe methodologies along with an end-to-end agile lifecycle management. We leverage microservices and API-driven architecture for systems integrations.

DEVOPS/DEVSECOPS

We provide end-to-end DevOps and DevSecOps orchestration through continuous integration and continuous delivery (CI/CD) providing zero downtime deployments of application and infrastructure across multiple hybrid environments.

COTS/GOTS INTEGRATION

We work with several COTS/GOTS tools including Low-Code and No-Code tools to perform digital modernization and integrations.

OPEN SOURCE

We bring extensive experience with a variety of open source technologies for software development, automation, analytics, and infrastructure standup and maintenance.

IDENTITY AND ACCESS MANAGEMENT

We have implemented multiple open source and COTS-based identity, credential, and access (ICAM) solutions. We provide single sign on, user, and API security services in compliance with OAuth, SAML, JWT, and OpenID Connect standards. We also bring integration with PIV cards for seamless access to applications across the environment.

SECURITY AND COMPLIANCE

We perform risk assessments, audits, vulnerability scans, penetration testing, remediation, and provide security assessment and authorization services in accordance with NIST Risk Management Framework (RMF), FISMA, DOD Impact levels, and with DISA's Command Cyber Readiness Inspection (CCRI).

ENTERPRISE ARCHITECTURE (EA)

Our EA services include performing research, alternative analysis, innovation, and planning to conceptualize cost effective solutions, stable technology platforms, and standard operations procedures. Our solutions and services follow federal EA and security policies, standards, and procedures.

AUTOMATED TESTING, PERFORMANCE TESTING, AND CAPACITY PLANNING

Our testing approach is based on standard industry practices, including code walkthroughs; automated code testing; unit, integration, and system testing; and regression testing.

OPERATIONS AND MAINTENANCE (O&M)

Guidehouse's agile O&M methodology helps to operate and maintain applications while simultaneously enhancing capabilities and improving processes.

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.

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