



Practice Areas

Application Development

We begin by understanding users' workflows and challenges, focusing on the core problem over a proposed solution. Through collaboration, we develop technical solutions that meet mission needs and uncover opportunities for optimization and improvement.

- **User-Focused Design and Feedback:** Ensures we meet evolving user needs through continuous feedback and iteration
- **Reusable Code Modules & Cross-Functional Teams:** Reduces O&M effort with modular components and empowers developers to collaborate across the entire tech stack for scalable, flexible solutions
- **Lean Agile Approach:** Promotes rapid delivery with iterative development and frequent updates

DEVOPS

Our DevOps processes and architecture, from reusable infrastructure to automated deployments, support our lean agile approach, enabling faster delivery and quick adaptation to changing requirements.

- **Scalable & Reusable Cloud-Based Architecture:** Leverages flexible, modular cloud resources to support scalable designs and a wide range of applications and services
- **Near-Zero Downtime Deployments:** Ensures minimal mission impact by enabling continuous, seamless deployments
- **Automated O&M, Security, and Monitoring:** Modernizes and automates operations, security scanning, and monitoring for enhanced efficiency and security



Software Testing

Testing ensures the consistent delivery of high-quality, reliable solutions by preventing defects and validating that software meets business and user expectations, boosting user confidence in performance and features.

- **Automated Unit and Regression Testing:** Detects and fixes bugs early, reducing the risk of defects in production
- **Hybrid Tester/ Customer Engagement Role:** Bridges development teams and users, prioritizing feedback throughout the requirements and development processes
- **Focused Testing of New Features:** Manual testing ensures new features align with user expectations and provide a seamless, high-quality experience before release

Human Language Technology

Our integrated solutions enable machines to understand, interpret, and generate human language, transforming interactions with data and technology. By bridging human communication and machines, we enhance user experience, automate tasks, and support decision-making across missions.

- **Natural Language Processing & Entity Extraction:** Analyzes text to understand context and extract meaningful entities
- **Semantic Search:** Enhances search capabilities by understanding query meaning, not just keywords
- **Foreign Language Services:** Supports linguistic needs with OCR and machine translation, accelerating language processing

Shared Methodologies



Program Execution

Delivering results with a proven program management approach to produce on-time, on-budget success.

Our tailored approach formalizes processes for identifying, realizing, and measuring benefits through clear communication, agile resource management, and precise task tracking to achieve critical goals with maximum efficiency and impact.



DevCraft

Bridging modern development with a deep understanding of operational mission Tradecraft to create adaptable, high-quality software solutions.

A solid core of people and processes drives our four key areas of DevCraft excellence, ensuring predictable delivery, strong user adoption, and sustainable operational success.



MVI Expertise

Defining Minimum Viable Increment (MVI) effort by thoroughly understanding scope, estimating T-shirt sizes, and breaking down work to guide resource allocation, timelines, and risk management.

Complex tasks are divided and organized into smaller work buckets, enabling precise tracking and quick adaptation to evolving needs, changing requirements, and unforeseen obstacles.



HCD

Focusing technology solutions on the user experience prioritizes ease of use, accessibility, and seamless interaction to drive satisfaction and adoption.

Applications and features are scoped and customized to meet specific mission needs, addressing the diverse roles and requirements of users.