



CAPABILITY STATEMENT

Federal Software, Cloud & AI Engineering

info@jbpcg.com | jbpcg.com | Ellicott City, MD

Modernizing the systems behind federal missions.

COMPANY OVERVIEW

JBP Consulting is a Maryland-based technology firm delivering software engineering, cloud modernization, and AI solutions for national security and homeland security programs. Our leadership brings 10+ years of experience modernizing mission-critical federal systems without disrupting the operations that depend on them.

CORE COMPETENCIES

Software Engineering & Modernization

- Legacy application modernization
- Microservices and API-driven architecture
- Full-stack web and native mobile (iOS/Android) development
- Enterprise integration across agencies

Cloud & DevSecOps

- Government cloud architecture and migration
- Containerization and orchestration
- CI/CD automation and GitOps
- Security built into every stage of delivery

AI/ML & Intelligent Automation

- AI-assisted development and testing
- Process automation for internal operations
- Data pipelines and analytics
- Responsible AI adoption for federal environments

PAST PERFORMANCE

Defense Counterintelligence and Security Agency (DCSA): Personnel Security System Modernization

Subcontract | 2024 to present

- Architected and prototyped the migration of the Defense Information System for Security (DISS) and 60+ related microservices to a secure government cloud with containerized deployment.
- Delivered capabilities supporting Trusted Workforce 2.0, the government-wide reform of personnel vetting and background investigations.
- Built and maintained integrations with DoD components, the military services, DHS, DOJ, Treasury, SSA, and DOE.
- Accelerated releases from a multi-week cycle to a two-week cadence for a system serving thousands of users and holding records on millions of individuals.

Cloud migration · Microservices · DevSecOps · Cross-agency integration · AI-assisted engineering

U.S. Customs and Border Protection (CBP), DHS: SEACATS Modernization

Subcontract

- Modernized the Seized Asset and Case Tracking System's application architecture and user interface.
- Built internal support tools that streamlined operational processes for program staff.
- Improved performance and functionality for an application serving thousands of users and millions of records.

Application modernization · Full-stack development · Internal tooling · AI-assisted engineering

U.S. Customs and Border Protection (CBP), DHS: Mission Mobile Application Modernization

Subcontract | 2026 to present

- Extending a CBP enterprise mission program to native mobile applications for iOS and Android.
- Designing a secure mobile architecture that connects field users to existing backend services and APIs.
- Building to federal mobile security requirements: strong authentication, encryption in transit and at rest, and managed-device deployment, with automated testing and CI/CD for both platforms.

iOS & Android development · Mobile modernization · API integration · Mobile security

COMPANY DATA

UEI LRT3G5ERNTV6

CAGE 03H31

Size Small Business

SAM.gov Active

NAICS CODES

- 541511 Custom Computer Programming (*primary*)
- 541512 Computer Systems Design
- 541513 Computer Facilities Management
- 541519 Other Computer Related Services
- 518210 Computing Infrastructure & Data Processing
- 541611 Management Consulting
- 541618 Other Management Consulting

DIFFERENTIATORS

- **Senior-led delivery.** The people who scope the work build it.
- **Mission-system experience** in high-availability, high-security federal environments.
- **Built to team.** We integrate quickly with primes and government teams and scale through a network of experienced federal engineers.
- **Modern by default.** Cloud-native, automated, AI-enabled.

CONTACT

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