



AGILE. FOCUSED. PROVEN.

Dynanet is an innovative and trusted leader in the industry providing leading-edge, reliable technology solutions. Since 1995, our leadership and staff have built a successful track record in assisting our customers achieve mission success in the areas of **Enterprise Architecture, DevSecOps, Legacy System Modernization, Agile Application Development, System Engineering, Cloud Migration and Sustainment, Blockchain Enablement & Implementation, and Robotic Process Automation.**

## DevSecOps

Dynanet's DevSecOps approach is grounded in the belief that IT security plays an integrated role throughout the lifecycle of applications and must be interwoven throughout the entire process. Dynanet's "Security First" mindset fosters the creation of systems and applications that are reliable and resilient. Dynanet engages security-minded personnel early and often in the process, ensuring that all engineering and non-engineering projects meet security best practices, requirements, and regulations.

Dynanet believes that instituting a DevSecOps culture is most beneficial when an organization decomposes their current processes down to their most granular form to evaluate how to improve. When activities like this become a routine part of the fabric of a security-first culture and organization, stovepipes dissolve, communication increases, and accountability is shared. A successful DevSecOps environment isn't just about the latest and greatest IT tools and technology. It is about developing a culture that enables DevSecOps to thrive.

## Office of Personnel Management (OPM)

Since 2008, Dynanet has provided software development services to the Office of Personnel Management (OPM), National Background Investigations Bureau (NBIB). OPM NBIB provides both suitability and security clearance determinations for over 90% of the Government's background investigations,



## Contract Vehicles

### GSA Schedule 70

GS-35F-5863H

### GSA Alliant Small Business

GS-06F-0659Z

Joint Venture DNT Solutions LLC

### GSA 8(a) STARS II

GS-06F-1233Z

Joint Venture SVD STARS II, LLC

### GSA VETS GWAC

GS-06F-0513Z

Joint Venture DV United, LLC

### GSA Health IT SIN

GS-35F-003CA SIN 132-56

### CMS SPARC

HHS-500-2017-000221

## NAICS Codes

541511 • 541512 • 541513 • 541519  
541611 • 541990

### Dynanet Corporation

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## Office of Personnel Management continued...

conducting over two million investigations a year for most Government Agencies and the Department of Defense.

Dynanet has led OPM's transition from waterfall to Agile to DevOps methodologies. DevOps has been an effective way for OPM to bridge the gap between developing and operationalizing applications. As more applications were refactored, OPM adopted DevSecOps, infusing security throughout application development, operations, and maintenance. Today, Dynanet staff continue to integrate DevSecOps practices at OPM and are providing infrastructure-as-code based configuration management, as well as a secure automated code deployment pipeline.

At OPM, Dynanet is implementing Red Hat OpenShift to automate, orchestrate, scale, reduce costs, and convert OPM's applications to an application container environment deployment to increase the reliability and maintainability of OPM's Personnel Investigations System (PIPS) Imaging System (OPIS) applications. Red Hat's OpenShift application is an integral part of the new e-QIP Request Processing Services (ERPS) project to replace the end of life CABOT application. OpenShift was chosen for OPM based on the Kubernetes underpinnings coupled with Redhat's stellar support of the system and operating systems. Throughout this process, Dev and Ops are working together to build the OpenShift platform while including security early and often. Dynanet's DevOps security practices adapt to the new landscape and align with container-specific security guidelines. Because cloud-native technologies don't lend themselves to static security policies and checklists, security must be continuous and integrated at every stage of the app and infrastructure life cycle. This project is setting the stage for future secure modernization efforts throughout the agency.

## General Services Administration (GSA)

At GSA, Dynanet focuses on leading-edge technologies, innovation, and high-quality products and services. Dynanet's expertise spans over multiple functional areas ranging from Operations and Maintenance (O&M) to Cloud solutions implementation to applications development and deployment.

Dynanet aided GSA's transition from a traditional Quarterly Waterfall process to an Agile scrum process. Dynanet set the stage for DevSecOps by incorporating the methodology in two prominent projects: Acquisition Gateway (AG) and FIS (Financial Interface Systems). For the last two years, Dynanet architected and built a DevSecOps-based solution on AWS GovCloud for the Acquisition Gateway (AG) division, leveraging best practices like continuous integration and continuous delivery (CI/CD). Dynanet contributed to FIS, a transformed system (from a Mainframe-based solution) that runs on the AWS cloud using DevSecOps principals.

## Tools and Programming Languages

Dynanet uses a wide range of tools and programming languages in support of our customers' needs. The following are a subset of the specific DevSecOps tools we currently are using:

- **Continuous Integration and Continuous Deployment (CI/CD)**
- **Docker**
- **Kubernetes**
- **Jenkins**
- **SonarQube**
- **Git**
- **Fortify**
- **WebInspect**

## Customers



U.S. AIR FORCE



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