

Innovative Solutions for Federal Agencies

Fedstack, the federal division of Smoothstack, Inc., provides technology and workforce solutions backed by over 100 years of combined leadership experience, leading major transformations across 25 federal agencies.

Department of Education

The Federal Student Aid (FSA) office is the largest provider of financial aid for students in the United States providing grants, work-study, and loan funds to students attending college or career school. Fedstack supports FSA in its Title IV Origination and Disbursement (TIVOD) Modernization with its aim to improve operational flexibility, integrate new and existing capabilities, reduce complexity, and enhance the stability and cybersecurity of systems. Smoothstack Federal provides expertise for:

- The new TIVOD system in Networking
- Cybersecurity
- Application Development
- DevOps
- Application Hosting

We continuously improve the use of the existing toolset while recommending modernized tools and approaches focused on the Cloud to allow provisioning from the ground up. Our talented and highly skilled team quickly learned the technology, environments, FSA requirements, and political insights across the program and ensured the project went Live by the FSA date.

IRS

The Integrated Enterprise Portal (IEP) was designed and implemented to modernize the Internal Revenue Service (IRS) technology platform with a fully scalable, managed private Cloud capability to provide a consistent, unified customer experience in a cost-effective manner. The IEP delivers web-based services for internal and external users through several integrated sub-components, Public User Portal (IEP-PUP), Registered User Portal (IEPRUP), Employee User Portal (IEP-EUP), and Transactional Portal Environment (IEP-TPE). The IEP project was focused on rehosting and migrating web content for three existing portals: PUP, EUP, and the RUP to a new content management system with common IT infrastructure and governance. New portal Application Integration/Systems Integration (SI) services were also implemented to assist developers of existing and future applications in adapting to the new portal architecture. Smoothstack Fedstack was responsible for delivering Java, FICO BlazeAdvisor, and Amazon Web Services (AWS) modules to support the application architecture and infrastructure, which was then leveraged by downstream applications. We support the configuration of Compute, Networking, Storage, Permissions to deliver modernization through the Cloud Pivot of IRS IEP which includes moving previous workloads from on-premise physical data centers to various Cloud Platforms. The impact of our support is evidenced by examples such as our team developing an application to clean up 100TB of data, accomplishing this in 6 hours rather than the predicated 60 days, using a synchronous, linear approach.

NIH

National Institute of Health and Human Services (NIH) Office of Extramural Research (OER) provides vital solutions to manage the receipt, processing, review, award reporting and monitoring of more than \$30 billion in research and non-research grants awarded annually to improve human health through biomedical research and public health services. OER systems are used by applicants and grantees at more than 38,000 institutions worldwide. Smoothstack Federal supported software development services, including design, development, and application testing services using the eRA Agile software development lifecycle. Artificial intelligence (AI) was also utilized to increase efficiency and reduce maintenance costs. We enhance and integrate with the existing eRA modules and provide substantial new functionality in Production environments. The scope of our support includes Project Planning Support, Requirements Development, Coding/New Development and Maintenance, Production Support, Documentation Support, Infrastructure and Architecture Support and Application Security.




The Transportation Vetting System (TVS) is a mission critical, national security system with a NIST 199 security categorization. TVS continuously (recurrently) vets approximately 21 million individuals in 39 populations occupying a position of "insider" trust against government watchlists. Smoothstack Federal supported the TSA Information Technology, Technology Solutions Division (IT TSD) in operating and consolidating three credentialing systems into a single platform to improve how TSA responds to threats and changing operational needs. Using SAFe® Agile Scrum methodologies to enhance and modernize the applications on a single new platform, we provide experts in full-stack Java development and play a central role in converting .NET projects that are EOL to Java to improve performance. Our developers support transition of functionality from the larger monolith application and break it down into isolated microservices, while remaining responsive to TSA and DHS feedback to resolve production issues and add new/improved existing functionality for applications. Our consolidation of applications and change deployment strategy is provided through Gitlab CI/CD pipelines into OpenShift. Most impactful for Citizen Services, we helped improve the Universal Web Portal for multiple services provided by TSA including, among many others, PreCheck.



Department of Veterans Affairs (VA) is consolidating GI Bill capabilities into a single digital platform, simplifying user processes, and eliminating the need to navigate multiple systems. It is part of a recent legislative mandate to transform over two dozen legacy IT systems to enhance the speed and accuracy of education claims processing and to provide direct, online, one-stop access to GI Bill benefits and information. By increasing automation and freeing up employee time, the VA is better equipped to support veterans through their education and subsequent career transition. Smoothstack Federal provides full stack DevOps experts to support the two VA main systems - Chapter 33 LTS (the main system containing all claimant information) and Enrollment Manager (stores enrollments of Veterans for education programs). We support two rotations: production on-call support that includes monitoring production health and troubleshooting of issues and integration of on-call support between DevOps, Test Teams and Developers for all build/deploy as well as ensuring integration stack health. Our team also supports Code Scanning using NexusIQ, Fortify (now OBE), SonarQube, and Code QL for quality coding. Smoothstack Federal has also been instrumental in automating the pipeline for improved efficiencies.

Federal Experience

As the trusted technology solutions provider to federal system integrators (FSI's) throughout the entire delivery lifecycle, we contribute to the mission of government agencies, public sector, and enterprise organizations.



Contact Information

571-517-6018
BD@smoothstack.com

Company Data

SBA Small Business Qualified
NAICS codes: 541511, 541519, 541618, 541690, 541990, 561320, 611420, 921190
DUNS: 081392451 | CAGE: 89DN0 | Interim/Secret FCL Cleared
Available Contract Vehicles through Carahsoft: GSA (MAS) | NASA SEWP V | Army ITES-SW 2