DevSecOps

Sec

CODE

PLAN

DEPLOY

BUILD

Dev

RELEASE

Ops

OPERATE

TEST

MONITOR

REI SYSTEMS

Delivering Mindful DevSecOps Approaches to Modernize Software Solutions

Federal agencies face numerous challenges in providing secure and efficient services to citizens amid the current environment of remote work, heightened global tensions, constant digital threats, and rapidly evolving technology. DevSecOps offers a solution to these hurdles, by enabling tech teams to work better, faster, and do it with security at the forefront. This approach delivers more value, automation, and services to citizens faster while promoting continuous improvement and combating inefficient legacy systems. REI Systems leverages our rich domain knowledge with our deep technology experience with a modern DevSecOps approach to deliver digital solutions that has a significant impact on missions.

Our Approach

For over 30 years, REI has been a trusted partner to government and industry by delivering effective solutions that supports their efforts to build and modernize for the future. We recognize DevSecOps plays a critical role in achieving better outcomes with minimal disruptions to business operations. Our technologists and solutions architects have a strong grasp of cloud-native models that prioritize resilient, agile, and scalable security integrations, whether they implement a 12-factor application methodology or ensure transparency across modernization services, cost, and consumption.

Services

→ Development, modernization, and enhancement (DME) services

→ Data analytics, reports, and dashboards

→ Performance optimization, innovation, and growth

→ Security standardization, automation, & implementation

→ Application security testing

→ Infrastructure and CI/CD automation, development, and operations

→ Advisory services for strategy, design, and implementation

DevSecOps Benefits

→ **Continuous Integration**: Rapid, cost-effective software delivery and automated processes for enhanced productivity

→ **Continuous Delivery**: Increased user experiences and optimum quality software

→ **Testing**: Reduction in overall errors and real-time understanding of software landscape

→ **Security**: Improved, proactive security, accelerated vulnerability patching, and support of zero trust security model

→ **Continuous Improvement**: Faster time to market, increased exposure to product to improve ideation, and system observability

Our DevSecOps Impact: The Smarter Route to Maximizing Performance

DESIGNING SOLUTIONS FASTER FOR THE MODERN ERA

The U.S. Citizenship and Immigration Services (USCIS) Electronic Immigration System (ELIS), a case management platform, relied on REI to manage a Continuous Integration (CI)/Continuous Development (CD) software development pipeline within a multi-vendor team environment. This effort allowed for the development of new modules, maintenance, and enhancements on existing modules, and decommissioning of legacy systems. As a result, REI adjudicated over 75% of the immigration case workload.

Run and Optimize

4 minutes	**4 hours**	**0%**	**100%**
MTTR	Lead Time	Failure Rate	Uptime

SCALING TO KEEPING PACE WITH CONTINUOUS GROWTH

The Health Resources and Services Administration (HRSA) trusted REI to streamline its application and administration process by facilitating electronic communication and activities for applicants, grantee organizations, and the agency. REI, whose tech experts have helped solve HRSA's technology problems for over 20 years, developed the Electronic Handbooks (EHBs) – a centralized grant management system that provides end-to-end grant support for grants programs. The system unifies grants management processes, allowing users to perform functions such as grants operations, program planning, monitoring, and management from one central location.

Migrate and Scale

41,000+	**500,000+**	**60%** of staff	**27%** increase
users supported	workflow tasks completed annually	time and effort resources reduced	of patients treated since 2008

STREAMLINING PROCESS APPROACHES TO EVOLVE

The United States Patent and Trademark Office (USPTO) turned to REI when faced with a rise in trademark applications and new legislation from the Trademark Modernization Act. To better handle this arduous task, REI helped the agency develop and modernize 20 mission-critical systems, for one of four U.S. Trademark Product Lines within the USPTO IT Product Catalog. We provided a secure and efficient environment for next-generation low-code platforms, using CI/CD pipelines to speed up the adjudication of trademark petitions through application modernization.

Innovate and Grow

56% increase in	**200+** users	**175%** increase in
Trademark systems at soft launch	switched to a modern workflow platform	Trademark systems within a four-month deployment