



Forest Service  
U.S. DEPARTMENT OF AGRICULTURE

## CASE STUDY

# USDA Forest Service Modernizes Operations with Federal GovCloud DevSecOps

The USDA Forest Service has always sought innovative solutions to enhance its operations. The integration of Federal GovCloud (FGC) DevSecOps SaaS, marks a significant milestone in the agency's ongoing digital transformation journey. This case study explores how the Forest Service leveraged this FedRAMP authorized solution to improve collaboration and fortify its cybersecurity posture.

## ISSUE

*The USDA Forest Service faced several challenges in its software development and IT operations.* The existing processes were time-consuming, inefficient, and lacked the robustness needed to handle increasing cyber threats. Additionally, the agency struggled with resource allocation, impeding their ability to focus on strategic initiatives. There was a pressing need for a more agile, secure, and efficient IT infrastructure to support its critical forest management projects.

Montezuma County,  
San Juan National Forest, CO



Forest Service  
U.S. DEPARTMENT OF AGRICULTURE

## USDA Forest Service Modernizes Operations with Federal GovCloud DevSecOps (cont.)

### SOLUTION

To address these challenges, the USDA Forest Service adopted the FGC DevSecOps SaaS product. This solution integrates a range of industry-leading tools under the FedRAMP umbrella, offering a comprehensive software-as-a-service solution that includes hosting, patching, and help desk support. The DevSecOps methodology combines development, security, and operations into a cohesive workflow, promoting continuous integration and deployment (CI/CD).

The implementation of FGC DevSecOps revolutionized the Forest Service's software development process by:

- Enhancing efficiency and agility through CI/CD methods, allowing rapid and consistent deployment of high-quality software solutions.
- Improving collaboration among developers with a unified platform for code management, project tracking, and issue resolution.
- Optimizing resource allocation by streamlining processes and automating repetitive tasks, enabling developers to focus on strategic initiatives.
- Fortifying cybersecurity with integrated security measures as part of the development process, safeguarding sensitive environmental data and ensuring continuity of operations.



Deception Pass, WA

### OUTCOME

The adoption of the FGC DevSecOps platform yielded significant benefits for the USDA Forest Service:

---

Improved efficiency and reduced time to market for new applications.

---

Enhanced collaboration and resource allocation, leading to increased productivity and innovation.

---

Robust security measures that fortified the agency's defenses against cyber threats.

---

Fostered a culture of continuous improvement and innovation within the organization.