

Ensure Security in a Cloud-First Environment

THE CHALLENGE

Our NatSec customer wanted to introduce additional governance around their development efforts. Their unclassified development was done mainly on physical servers in customer-controlled data centers and a significant portion of unclassified development was done on classified networks.

This customer was challenged with creating the next-generation unclassified software development environment for the enterprise to allow tens of thousands of users access to the resources they needed to build new internal applications and contribute to open source projects. Their desire was to consolidate numerous independently run government and contractor labs and hosting environments used for software development into a single ubiquitous environment that could better detect insider and external threats to their organization.

THE SOLUTION

Stratus proposed an infrastructure-as-code solution that had a heavy emphasis on automation to speed development and reusability, as well as lower the overall support cost. Security was paramount and at the center of the overall solution. We designed, deployed, and maintained this next-generation unclassified development environment built solely on AWS. This environment is a secure and scalable IT environment that provides centralized DevOps services such as SCM and CI across the entire agency. Technical staff finally have self-service access to create the resources they need for their projects provided those resources are within budget and don't conflict with compliance standards such as FedRAMP.