

Accelerate DevOps on AWS—Secure, Automated, and Built for Speed.

AWS DevOps
Modernization Services



Transform and supercharge your DevOps practices with NexusTek's **AWS DevOps Modernization Services**. Our AWS and DevOps experts help you accelerate CI/CD adoption, automate infrastructure and application delivery, and enable secure, scalable DevOps pipelines using AWS-native and cloud-agnostic tools that support hybrid and multi-cloud environments. As a trusted AWS Partner with deep expertise in cloud operations and application lifecycle management, NexusTek empowers engineering teams to deliver faster, more reliably, and more securely.

WHO IT'S FOR



Engineering & DevOps Leaders

Seeking enhanced agility and faster, more consistent release quality.



Cloud & Infrastructure Teams

Responsible for platform automation and provisioning at scale.



Security & Compliance Stakeholders

Protecting secure pipelines and enforcing governance controls.



IT & Operations Leaders

Focusing on operational excellence and cloud efficiency.



Mid-Size Enterprises

Seeking to modernize and scale DevOps with AWS best practices.

KEY BENEFITS



Accelerate Application Delivery

Automate secure CI/CD pipelines to increase deployment frequency and speed to value.



Reduce Operational Risk

Eliminate manual errors with Infrastructure as Code (IaC) and pipeline automation.



Strengthen Collaboration Across Teams

Align development, operations, and security under DevSecOps practices.



Improve Release Quality

Incorporate testing, compliance, and security checks in every release.



Enable Observability and Continuous Feedback

Gain insight into deployments, incidents, and system health through AWS-native monitoring.



Future-Proof DevOps Practices

Support hybrid, multi-cloud, and cloud-native workloads with scalable, modern automation.

HOW IT WORKS

We begin with a DevOps maturity assessment based on the [AWS DevOps Guidance](#), benchmarking your current tooling, processes, and culture. Our consultants collaborate with your teams to define a tailored roadmap, optimize toolchains, and adopt Infrastructure as Code (IaC) using [Terraform](#), [AWS CloudFormation](#), or [Cloud Development Kits \(CDK\)](#) to provision consistent environments.

We design and implement secure, scalable CI/CD pipelines using [AWS CodePipeline](#), [CodeBuild](#), [GitHub Actions](#), or third-party tools like [Jenkins](#), [GitLab](#),

or [CircleCI](#). Pipelines are integrated with automated testing, policy enforcement, and deployment validation to improve release velocity and quality.

Our solution embeds DevSecOps principles with integrated vulnerability scanning, secrets management via [AWS Secrets Manager](#), and policy enforcement via [AWS Config](#) and IAM best practices. For observability and continuous improvement, we integrate [Amazon CloudWatch](#), [AWS X-Ray](#), and [AWS CloudTrail](#), providing real-time operational insights and automated feedback loops.

FEATURES

DevOps Maturity Assessment

Benchmark current practices using AWS DevOps models to identify gaps and define modernization roadmap.

CI/CD Pipeline Implementation

Deploy or enhance pipelines with AWS CodePipeline, CodeBuild, Jenkins, GitHub Actions, or other tools.

Infrastructure as Code (IaC) Automation

Consistent infrastructure provisioning using Terraform, AWS CloudFormation, or CDK.

DevSecOps Enablement

Embed security scanning, IAM policy validation, and secrets management directly into delivery pipelines.

Toolchain Optimization

Streamline the software development lifecycle with AWS-native and third-party DevOps tools.

Automated Quality Gates

Implement testing, compliance checks, and code validation into the CI/CD process.

Observability & Monitoring

Integrate AWS CloudWatch, X-Ray, and CloudTrail for real-time visibility, logging, and auditing.

Governance & Policy Enforcement

Use AWS Config, tagging policies, and identity controls to ensure compliance and accountability.

Ready to get started?
Contact us today or visit nexustek.com

NexusTek Is a Trusted AWS Partner

More than 350 engineers, 600+ cloud certifications, and 25+ years of experience delivering hybrid cloud, security, and modernization solutions.

AWARD - WINNING

