Centralizing Global DevOps for a Mission-Critical Audit Platform

Challenge

A Fortune 500 company providing audit, consulting, advisory, and tax services needed to centralize DevOps for its global audit platform. The product was key to supporting business-critical audit processes and operated around the clock for fourteen distributed development teams across India, the Americas, and Europe.

DevOps responsibilities had become fragmented across teams, making it difficult to maintain consistency, control cloud costs, and ensure reliable delivery across environments. The organization required a unified DevOps function to standardize processes, improve efficiency, and support continuous delivery at scale. Key responsibilities for the centralized DevOps team would need to include:

- Cloud infrastructure management and cost optimization.
- Establishment of a unified branching and merging strategy.
- Implementation of continuous integration and continuous delivery (CI/CD) pipelines.
- Deployment automation across lower (development, QA) and higher (UAT, production) environments.
- Access management for cloud resources.
- Integration of automated testing and static code analysis (SonarQube) into CI/CD pipelines.
- Development of dashboards to monitor infrastructure and pipeline health.
- Integration of third-party tools into CI/CD workflows.

DevOps practices were standardized across the entire program and cloud infrastructure costs were reduced by approximately 30%.

Solution

INSPYR Solutions designed and deployed a centralized, global DevOps operating model to support the platform 24 hours a day, five days a week. The solution included the creation of a distributed DevOps team organized into three delivery cells across nearshore, offshore, and European locations to ensure continuous coverage and operational resilience. Key components of the solution included:

- **Global DevOps Team Structure:** A nearshore core team is responsible for implementing major technical initiatives and architectural decisions, supported by offshore and European teams focused on maintenance and operational support.

- **Agile Collaboration Model:** All delivery cells operate under a shared agile framework with a unified backlog, synchronized iteration planning, and regular knowledge transfer sessions across regions.

- **CI/CD Standardization:** Centralized implementation of CI/CD pipelines with integrated automated testing, static code quality checks, and third-party tool integrations.

- **Cloud Governance and Optimization:** Centralized management of cloud infrastructure, access controls, and cost optimization initiatives.

- **Leadership and Oversight:** The global DevOps team is coordinated by an onshore DevOps Leader and DevOps Architect to ensure alignment with enterprise standards and business objectives. Additionally, each delivery cell consists of a Scrum Master or Product Owner and 6–8 DevOps Engineers, enabling scalable support and rapid response across time zones.

Outcome

The centralized DevOps model delivered measurable and long-term benefits for the organization:

- **Cost Optimization:** Cloud infrastructure costs were reduced by approximately 30%.

- **Standardization:** DevOps practices were standardized across the entire program, improving consistency and reliability.

- **Operational Continuity:** Around-the-clock support was established for both lower and higher environments.

- **Sustainability:** The DevOps solution has successfully supported the platform for more than three years.

- **Scalability:** The engagement became a proven model adopted by other DevOps teams across the client's other business units.

Client Profile

The client is a Fortune 500 professional services organization with more than 400,000 employees worldwide, delivering audit, consulting, advisory, and tax services across global markets.

Technologies Supported

Agile delivery frameworks, automated testing frameworks, CI/CD pipelines, cloud infrastructure management, DevOps automation, static code analysis (SonarQube).

About INSPYR Solutions

Technology is our focus and quality is our commitment. As a leading expert in delivering flexible technology and talent solutions, we strategically align industry and technical expertise with our clients' business objectives and cultural needs. Our tailored offerings include a wide variety of professional services, project solutions, managed services, and talent resources, all bolstered by our strategic partnerships with cutting-edge technology services. By always striving for excellence and focusing on the human aspect of our business, we work seamlessly with our talent and clients to match the right solutions to the right opportunities. Learn more about us at www.inspyrsolutions.com.