NIYAM IT™

Agile/DevSecOps

Deliver functionality *faster.*

Take your operation out of the slow lane and put it on a path to rapid, flexible innovation.

Niyam's Agile/DevSecOps services combine people, processes, and tools to streamline software delivery, facilitate collaboration and communication, and drive feedback throughout the development cycle. Our Responsive Methodology™ dramatically increases transparency and speed-to-market, while minimizing risk and cost. Built on a fusion of Agile and DevSecOps principles, this proprietary process is the "secret sauce" in our IT solutions, allowing clients to meet change with agility, flexibility, and efficiency.

The Agile Advantage

We're experts at leveraging the principles of Agile to maximize speed, quality, and flexibility in all our solutions.

Boost Speed-to-Market

Using predefined application frameworks, tools, test automation, and plug-and-play environments, our team builds the robust scaffolding needed for rapid deployment, allowing clients to get their products to market faster with fewer setbacks and minimal risk.

Foster Collaboration & Transparency

Break down the barriers between teams and get them working together in streamlined harmony. Our process promotes transparency between management, user and stakeholders communities, development teams, security and privacy teams, and IT operations teams – ensuring everyone is up-to-speed on what's finished, what's coming next, and where resources should be allocated.

Eliminate Chaos

Because change is inevitable, our Agile development process is specifically designed to anticipate the unexpected. We build flexibility into your operation by planning for change and designing with scalability and adaptability in mind, making operational chaos a thing of the past.

Minimize Risk, Optimize Cost

We enable regular validation through continuous testing and short feedback loops, reducing risk with each cycle and closing the gap between initial investment and revenue generation.

Responsive Methodology™

Niyam's Responsive Methodology™ draws upon successful practices that follow the Agile manifesto, syncing them with DevOps principles to deliver measurable results in speed-to-market, transparency, and risk level. It's an innovative approach built on response to change, using key indicators at critical points in the Agile/Dev cycles to track progress and drive continuous improvement. And of course, RM™ also incorporates a robust set of best practices, including:

Customer Collaboration: Active stakeholder participation is essential throughout the solution delivery process.

User Stories: Having clear descriptions of features from the user perspective is key to measuring project success.

Continuous Integration: Daily builds are critical for keeping code up-to-date and ensuring rapid, on-demand delivery.

Automated Tests: Automated tests are regularly performed to confirm successful code changes and track necessary fixes.

Code Quality & Security Scans: Continuous code reviews are conducted to test for vulnerabilities and maintain quality.

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DevSecOps

With security decisions rapidly becoming a critical component of the development workflow, Niyam has dedicated itself to infusing security-focused best practices into its traditional DevOps processes. By seamlessly incorporating regular application testing throughout the project life cycle, our development team ensures end-to-end security – without sacrificing speed or bogging down development. We are experts at maximizing the effectiveness of security tools and building robust protections into production apps and containers, allowing us to deliver Agile solutions that are both high-quality *and* secure.

Services and Solutions

Our highly-skilled development team can execute a wide range of Agile/DevSecOps services and solutions, including:

- ✔ COTS Customization and Integration
- ✔ Web Portal and Application Development
- ✔ Systems Engineering, Design, Operations & Maintenance
- ✔ Enterprise Architecture Design and Maintenance
- ✔ Data Science, Analytics & Management
- ✔ Agile-Based IT Infrastructure Solutions
- ✔ CI/CD Strategy and Planning
- ✔ PaaS and SaaS System Support
- ✔ Maturity Assessment and DevSecOps Strategy
- ✔ Identity, Credentialing, and Access Management (ICAM)

KEY OUTCOME

Tracktivities Web Portal/App

Niyam developed a web-based portal and iOS app for Dynamite Gymnastics, incorporating multiple business functions including workflow. Our solution delivered truly remarkable outcomes, including a **faster** end-to-end process; a **73% reduction** in operating costs; and a **56% increase** in student enrollment within 18 months of release.

Why Niyam?

Since our founding in 2007, Niyam has developed an impressive record of successful outcomes, earning our status as the go-to provider of innovative IT solutions. Today, Niyam sits at the vanguard of the industry, delivering state-of-the-art, mission-critical technologies to federal agencies and the public marketplace. Our solutions are proven to accelerate collaboration, increase efficiency, and consistently provide rapid, breakthrough results – all while remaining conscious of shifting timelines and budgets.

Our Technology Partners

Our Tools and Processes

- Agile Scrum, Kanban, eXtreme Programming
- Certified SAFe® Practitioner
- Heroku, CloudEra, Akamai
- Python & R Models, Jenkins Build
- Tableau, Kibana, Apache Hive
- SQL, MongoDB, PostgreSQL
- Pentaho Data Integrator, Apache NiFi and FME
- Spark, MapR Data Platform
- ArcGIS Desktop, ArcGIS Server, ArcSDE
- Open Source & Public Data
- Amazon Cloud S3 Storage, AWS, Azure

Learn More

For more information about our **Agile/DevSecOps** capabilities, contact us at 703-429-2450 or email **agile@niyamit.com.**