

REI FORGE™:

Factory for Orchestrated Rapid Generative Engineering

Is your agency's software delivery falling behind?

The pressure on federal software programs has never been greater, but the processes haven't kept pace. Fragmented development, manual documentation, and disconnected tools create a delivery environment that is slow by design and rarely audit-ready. AI has entered the picture, but in scattered, ungoverned pockets that add tools without improving coordination. The result is a last-minute scramble for compliance, unmet oversight demands, and public trust at risk.

REI FORGE™ changes that.

REI Systems' AI-orchestrated software delivery accelerator is purpose-built for federal programs, putting AI to work across every stage of the development process, from requirements and design through testing, security, and release, so teams spend less time on manual overhead and more time delivering mission outcomes.



REI FORGE™

Teams get **30% faster** delivery and a compliance posture that's always current, without adding headcount or changing the tools they already use.



HARNESS AGENTIC AI TO:

- Write requirements and manage backlogs
- Generate architecture and design specifications
- Create user experience design artifacts
- Produce test cases and automation scripts
- Review code and maintain quality standards
- Maintain compliance evidence and security controls
- Deploy to configured environments
- Route work automatically between agents at every stage
- Hold delivery at configurable approval gates where humans stay in control

REI FORGE™ can be used to create new applications (Greenfield development) and capabilities or modernize existing legacy systems (Brownfield modernization), both with the same, governed automated framework.

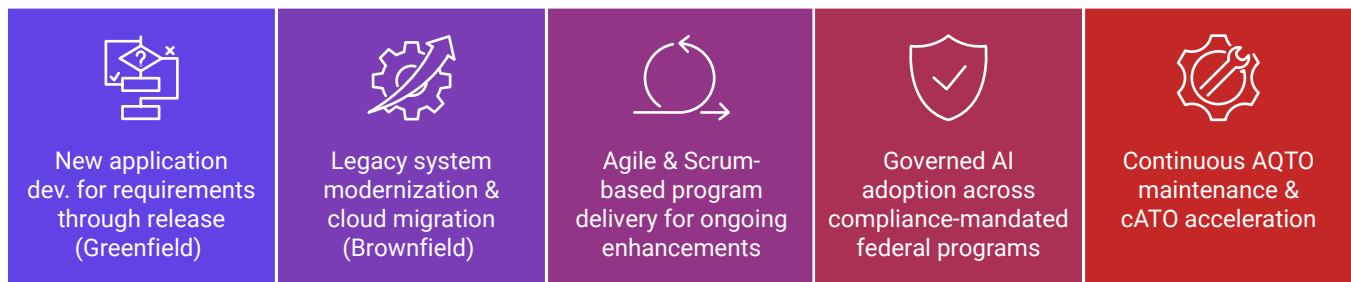
REI FORGE™ Delivers

- **Speed that doesn't compromise compliance.** 30% faster software delivery by automating tedious manual effort, with embedded security, architectural guardrails, and quality.
- **Designed for government from the ground up.** Maintains compliance and security evidence automatically and continuously, with Federal Software Delivery Lifecycle (SDLC) documentation generated as a natural by-product of every sprint.
- **Reduces modernization risk.** A dedicated digital transformation workflow purpose-built for the scale and complexity of federal programs, so your most challenging modernization efforts have a repeatable, automated and governed path forward.
- **Discover and reverse-engineer the current state.** Analyzes legacy code, repositories, architecture, data models, existing documentation, interfaces, dependencies, and runtime configurations to generate an "as-is" system view.
- **Preserve behavior while changing technology.** Generates characterization and regression tests from the existing system, establishes a behavioral baseline, and uses automated comparison to confirm that the required mission functions persist.
- **Orchestrates the tools you already use.** Works with the tools your agency already has, with no new procurement or vendor lock-in. Connects through standard APIs and MCP to Jira, GitHub, AWS, Azure, Figma, and your CI/CD pipeline.
- **Built-in governance; human-led, AI-amplified.** Every AI action runs inside a governance framework with configurable approval gates and humans in control at each critical checkpoint, so delivery moves faster without sacrificing oversight.
- **Secure by design, cATO ready by default.** Automates security workflows by surfacing scan findings, generating remediation tickets, maintaining compliance evidence, and routing critical fixes through human approval gates.



Typical Use Cases

REI FORGE™ supports programs across the full software delivery lifecycle:



Ready to accelerate your program's software delivery?

Contact REI Systems to schedule a discovery session and learn how REI FORGE™ applies to your program.
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