



GOVCOMPLIANCE™

AI-POWERED COMPLIANCE



Introduction

Federal agencies manage sprawling digital ecosystems – thousands of pages, APIs, and data assets across multiple domains. Ensuring compliance with mandates like FedRAMP, FISMA, NIST SP 800-53, and Section 508 is increasingly complex and resource-intensive.

GovCompliance™ solves this with an AI-powered platform that continuously scans against 20+ federal mandates, generates executive dashboards, and provides actionable remediation insights – enabling continuous, measurable compliance.

The Challenge

Federal agencies manage scattered digital assets across multiple programs and contractors, creating fragmented compliance. Common issues include:

- Disconnected websites, APIs, and document repositories
- Inconsistent accessibility compliance (Section 508 / WCAG 2.1 AA)
- Missing metadata and SEO elements (metadata.json, sitemap.xml)
- Security gaps (HTTPS, DNSSEC, HSTS, DAP)
- No centralized reporting across mandates like OMB, FISMA, or A-123

The GovCompliance™ Solution

GovCompliance™ delivers an end-to-end automated auditing and monitoring solution for digital compliance. The platform integrates AI, rule-based engines, and federal framework mappings to provide a single pane of glass for compliance status across all digital assets.

Key Capabilities:

- Comprehensive Coverage: Full audit across 50+ domains, 20+ APIs, and 5,000+ PDF documents.
- AI-Driven Insights: Combines machine learning with deterministic rules to detect issues aligned with 25+ federal compliance frameworks.
- Automated Remediation Guidance: Provides prioritized recommendations and code-level fixes for accessibility, security, and metadata issues.
- Framework Mapping: Automatically aligns findings to mandates such as OMB M-21-31, FISMA, FedRAMP, and USWDS 2.0 standards.
- Continuous Monitoring: Enables recurring scans and integration with Jira, GitHub, or ServiceNow for workflow tracking and accountability.



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SCAN COVERAGE AREAS

Category	Standards Evaluated
Accessibility	Section 508, WCAG 2.1 AA, PDF/UA validation
Design Standards	US Web Design System (USWDS), 21st Century IDEA
Security	TLS, DNSSEC, HSTS, SRI, HTTPS enforcement
Privacy	OMB M-21-31, DAP tracking, cookie and consent compliance
SEO / Open Data	sitemap.xml, metadata.json, robots.txt, JSON-LD schema
Frameworks & Governance	NIST SP 800-53, FISMA, TIC 3.0, CIS Benchmarks, FedRAMP baselines

Results and Impact

When deployed across a multi-domain federal portfolio, GovCompliance™ achieved:

- 100% domain coverage instantly
- 85% overall compliance rate, up from 42% pre-deployment
- 3,400+ identified issues with automated fix recommendations
- Executive-ready reports for policy and oversight teams
- Monthly continuous scans, ensuring compliance is sustained over time

Conclusion

The modern federal digital landscape demands continuous visibility and accountability. GovCompliance™ transforms compliance from a manual, reactive process into an AI-enabled, proactive discipline. By automating the detection, analysis, and reporting of issues across accessibility, security, privacy, and open data standards, agencies can:

- Strengthen public trust through secure and inclusive digital experiences
- Reduce audit preparation time and reporting costs
- Demonstrate measurable progress toward OMB, FISMA, and IDEA compliance

With GovCompliance™, compliance becomes continuous, data-driven, and intelligent — enabling agencies to lead with confidence in the evolving federal digital ecosystem.

