

Independent, Unbiased Quality Assurance in Public Sector Modernization

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Date: April 2025



White Paper

Executive Summary

Independent, unbiased quality assurance (QA) is a cornerstone of successful ERP modernization and multi-agency system integration. When implementation vendors lead testing, risks of bias, missed defects, and compliance oversights increase significantly. By contrast, independent third-party QA ensures transparency, protects the agency's interests, and delivers measurable improvements in quality and compliance. Synaptein brings proven expertise in objective QA for federal and state agencies, reducing risk and protecting public resources.

The Problem with Dependent QA

Public sector agencies embarking on ERP modernization often allow the same vendor responsible for implementation to perform QA. This creates a conflict of interest: vendors are incentivized to minimize defect reporting, prioritize deadlines over quality, and reduce scrutiny of non-functional and compliance requirements. The result can be missed defects, audit risks, delayed reporting, and costly rework post go-live.

The Independent QA Model

Independent QA introduces an objective, neutral evaluator to govern user acceptance testing (UAT) and system validation. Key benefits include:

- Transparent reporting of defects and risks
- Increased stakeholder confidence
- Reduced rework and post-go-live issues
- Traceability to compliance and audit requirements
- Higher adoption rates and trust in modernization outcomes

Synaptein Approach

Synaptein applies an automation-first, governance-focused QA framework:

- UAT playbooks and standardized test scripts across agencies
- Automation of regression suites to maximize coverage
- Compliance validation mapped directly to financial and audit regulations
- Independent reporting dashboards for leadership visibility
- Alignment with NIST Cybersecurity Framework and public records requirements

Case Study Spotlight

Synaptein has supported multiple government agencies in implementing independent QA:

- At FDIC, Synaptein provided independent validation of analytics dashboards, ensuring compliance with federal reporting standards.
- At GA DOAA, Synaptein implemented RPA-driven audit automation independently of agency IT teams, reducing cycle times by 40%.

These examples demonstrate how unbiased QA enhances transparency and protects agency interests.

Key Outcomes of Independent QA

Independent QA delivers tangible benefits:

- 30–50% reduction in post-go-live defects
- 25% reduction in rework costs
- Higher stakeholder trust and adoption
- Audit-ready compliance evidence
- Transparent dashboards for leadership and oversight bodies

Conclusion

Independent, unbiased QA protects taxpayer dollars and ensures the success of complex ERP and modernization programs. By removing conflicts of interest, Synaptein empowers agencies with transparent validation, compliance assurance, and measurable quality improvements. With a proven track record across federal and state programs, Synaptein stands as the trusted partner for independent QA and UAT automation in public sector modernization.