VISIONARY INTEGRATION PROFESSIONALS

Industry:
State and Local Government

Client:
Social Services Agency

Key Benefits:

- The updated system complied with all federal, state, and business requirements.

- The new system accommodated the increasing caseload.

- The transition went smoothly, with no disruption in services.

Quality Assurance and Software Engineering Validation and Verification for a Major System Migration

Goal

The client wished to develop, implement, and maintain a follow-on system to a statewide database and central processing that supported case management, payroll, and management information for over 400,000 recipients of Medicaid benefits. The primary goal was to transition from the legacy system to the new system with no disruption in in-home supportive services.

Challenge

Antiquated systems required the client to make major modifications in order to remain compliant with new federal, state, and business requirements for payroll and tax services. The modifications affected the client's statewide database and central processing system that supported case management, payroll, and management information. The client also needed to accommodate an increasing caseload.

Solution

Visionary Integration Professionals (VIP) provided Quality Assurance (QA) and Software Engineering Validation and Verification (V&V) services for the $300+ million dollar project.

QA tasks included reviewing project deliverables to ensure they met defined standards; assessing Project Office performance against established standards, best practices, plans, policies, and procedures; and monitoring risks, issues, schedule, and budget. We also established and reported independent earned value metrics to track and monitor project performance.

Software Engineering V&V tasks included ensuring traceability and consistency throughout the system development lifecycle, from project requirements validation through design, development and implementation. We also determined whether the products expected within the scope

of a particular phase in the development process are consistent with the requirements of that phase and the preceding phase. Additionally, we provided independent testing and assurance that the final product satisfied the system requirements.

We also performed a variety of IT tasks related to oversight and support of design, development, and implementation. Our services included assisting the state in ensuring that the new system fully met the prescribed program requirements, and that project deliverables met or exceeded the required quality standards.

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