

# Agile for Quality, Accountability and Speed

Agilex leverages proven, enterprise-level methodologies, such as Agile development, to deliver software engineering projects on-time, on-scope and on-budget as promised.

Agilex utilizes Capability Maturity Model Integration (CMMI) compliant processes throughout the software development lifecycle (SDLC) to deliver the highest level of consistency, quality and performance. We are a leader in the use of the Agile methodology for software development with a number of certified Scrum practitioners and masters on staff. We also offer deep expertise in scoping and managing major software engineering projects, and we are intimately familiar with the regulations and mandates impacting projects in the federal sector.

## Features

Agilex is a public sector leader in Agile software development:

- Our software engineering team is led by certified Scrum practitioners and masters.
- As a more iterative, requirements-driven and transparent approach to software development, the Scrum methodology offers more control over the development process, additional flexibility and greater accountability.
- Automated daily testing delivers integrated quality assurance.
- Use of short-duration programming sprints accelerates development and facilitates more precise project planning estimates.
- Supports all major programming languages, including Java, .NET, C++, C# and VB.

Software designed for ready and intuitive adoption in the field:

- Integration Requirements Design (IRD) methodology used to integrate requirements analysis, process modeling and solution design into a single process that streamlines the development of complex systems.
- Joint Application Development (JAD) used to work collaboratively with stakeholders to define, analyze and refine business objectives, process models and software architectures.
- Business analysts and human factors engineers employed to proactively address usability concerns, ensuring that workflow and interfaces are mission-ready on day one.

Committed to standards-based development:

- Significant experience in the use of open source software and the establishment of user communities.

- Contributor to industry standards-setting activities and the development of reference models.
- Integrated testing center for prototyping, benchmarking and evaluating proposed configurations prior to implementation
- End-to-end management of federally-mandated Certification and Accreditation (C&A) processes, including testing and documentation.

OEM-level expertise with leading enterprise applications:

- Using our in-depth government and application experience, we optimize systems to the unique requirements of the public sector.
- Experts in the development of standards-based service interfaces that streamline application integration, simplify sustainment and enable cost-savings through reuse.

# Agilex delivered in just five months the CONNECT gateway that over twenty federal agencies will use to access the Nationwide Health Information Network.

- Leveraging demonstrated leadership in data modeling, system integration and information security to extend enterprise applications to new platforms, including mobile and composite applications.

## Competencies

**Software Development** – We offer best-in-class resources for the full software development lifecycle, including project management, software programming, integration, testing, product documentation, and software packaging and release management.

**Enterprise Software** – Our team has deployed enterprise resource planning (ERP) and related systems from Oracle and SAP for hundreds of thousands of users. We are experts in configuring

these complex systems to meet our clients' unique requirements and we provide end-to-end management of the implementation, including integration, data migration and end-user training.

**Enterprise Application Integration (EAI)** – By integrating custom, legacy and commercial systems into the enterprise fabric, we can automate processes, improve transactional integrity and extend command and control capabilities.

**Mobile Applications** - From back-end integration to user interface design, we design and develop mobile applications that improve the productivity and performance of field workers without compromising security.

**Web 2.0** – Agilex helps build and extend the infrastructure needed for end-users to use Rich Internet Applications (RIA) and mashups to compose their own solutions.

## About Agilex

Agilex is an employee-owned enterprise application, solution, and advisory firm. Our noteworthy business and technology professionals offer innovative thinking on leveraging advanced technologies. We make it possible for our clients to optimize systems and exploit data to realize the value of information. Headquartered in Chantilly, Virginia, Agilex has delivered significant results for an impressive list of clients throughout federal, state and local government, and within global 2000 corporations.

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