

Case Study: Agile Software Development

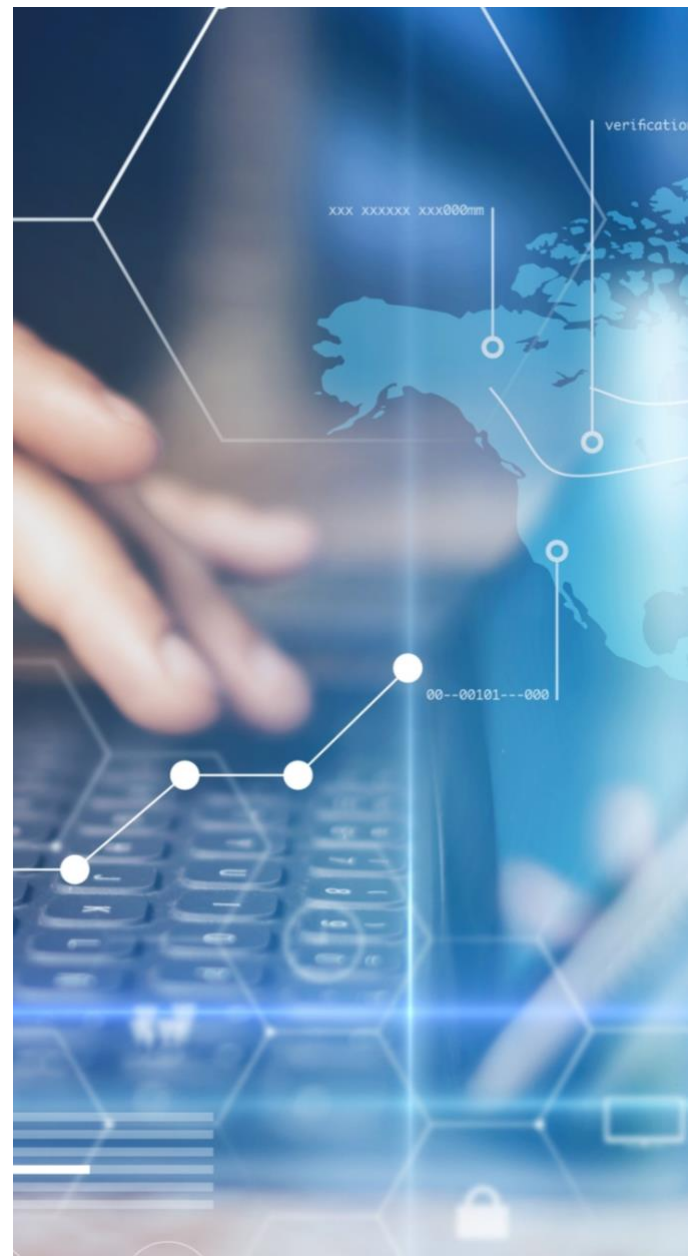
Leading Federal Agency Achieves Better Efficiencies, Reduces Risk & Cost, By Leveraging Agile

CHALLENGE

A major federal government agency with more than 50 IT systems faced a costly enterprise-wide system software modernization. But it used a waterfall software development model that had significant limitations. To reduce costs, improve efficiency and deliver the solution faster, the agency needed a better way to develop and deliver software.

STRATEGY & SOLUTION

Working with Precise, the agency piloted one of its first Agile IT projects, successfully implementing an end-to-end lifecycle solution that integrated the agency's automated data sharing with a populous East Coast state. In just three months, the agency's waterfall-based Enterprise Program LifeCycle (EPLC)-based framework was creatively aligned to the Agile methodology. Precise's team of Certified Scrum Masters, Agile developers, and Agile test experts leveraged a variety of tools to generate, track and analyze development metrics, feeding them back into the agency's software development approach to improve task sizing and team productivity and understanding. This resulted in increased accuracy and fidelity of future software releases.



Following the pilot's success, Precise then led the effort to launch the agency's revised and much improved EPLC website to support Agile development across the agency, in constant alignment with business expectations, to deliver high-quality results with improved transparency by focusing on incremental delivery of high-quality software products.

OUTCOME

As this agency learned, Agile represented not just a process change, but a fundamental shift in how the organization manages change. It altered how all stakeholders perceived software development. Across projects small and simple to large and complex, customers enjoy repeatable results when developing software using Precise's proprietary Agile|Now™ methodology, deploying production releases in less than 45 days through:

- Improved business/IT alignment and engineering discipline
- Increased software quality, maintainability, and release delivery predictability
- Better efficiency and management of changing priorities
- Greater team morale, motivation, management and productivity
- Reduced project risk, delivery time to market, and cost



Interested in Partnering with Precise?

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precise-soft.com | 301.340.1418