FEI’s Testing Center of Excellence is a virtual command center used to ensure high levels of quality across applications. Providing a software testing framework for Agile methodologies has been proven to eliminate redundancies, ensure high business process quality, and reduce overall risk to organizations.

FEI’s Agile & DevOps Approach

**Standardized Software Testing Methodologies**
- Agile
- DevOps (Development and Operations)
- Common automated test framework and CI/CD/CT pipeline

**Metrics & Tools**
- Usage of a web-based test case management tool allows for direct traceability between test cases and associated user stories
- Traceability between user stories and test cases allows all stakeholders to have access to on-demand testing results and metrics

**Best Practices**
- Common code repository for utilities
- Definition of “Done” includes development and testing
- Every sprint ends with usable, production-ready capability or feature

**Automation**
- Utilization of automation server software allows for triggered or scheduled test case execution
- Automated execution of 508, performance, and security testing
- Automated test scripts provide test coverage for every new build
- Fast feedback
- Higher quality product that is faster to market
FEI’s Testing Center of Excellence can help you:

- Optimize application quality and performance
- Improve alignment between your business and information technology departments
- Increase quality assurance efficiencies maximizing budgets, tools, environments, and people

**Value**
- Cost Avoidance
- Efficiency
- Industry Leading Environment
- Agile/SAFe Solution

**Benefits**
- Economies of Scale
- Scalability
- Centralized Pool of Resources Driving Consistency
- Continuous Improvement
- Ensures High Quality and Reduces Risks
- Agile/DevOps CI/CD/CT Pipeline Testing
- Expanded Testing: Performance, Accessibility and Security Testing
- 24 Hour Automated Functional and Regression Testing

**CMS 2018 ISG Playbook Contractor Support Award**

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