

Established in Mclean, VA 1991 | Certified MBE | SBA SDB
 Certified SEI CMMI ML3 | ISO 9000:2015 | ISO 20000 | ISO 27001
 NAICS 541110, 541330, 541511, 541512, 541513, 541519, 541611,
 541612, 541618, 541620, 541690, 541990.926150



Why Adnet?

Experienced – 15 Years of Software Testing.
 Expert in manual and automated testing.

Disciplined – Testing methodology is based on NIST, CMMI and ISO best practices.

Predictable Performance – Measurement based testing process.

Easy to access – Ability to accept sole-source order on the 8(a) STARS II contract vehicle.

What we Test?

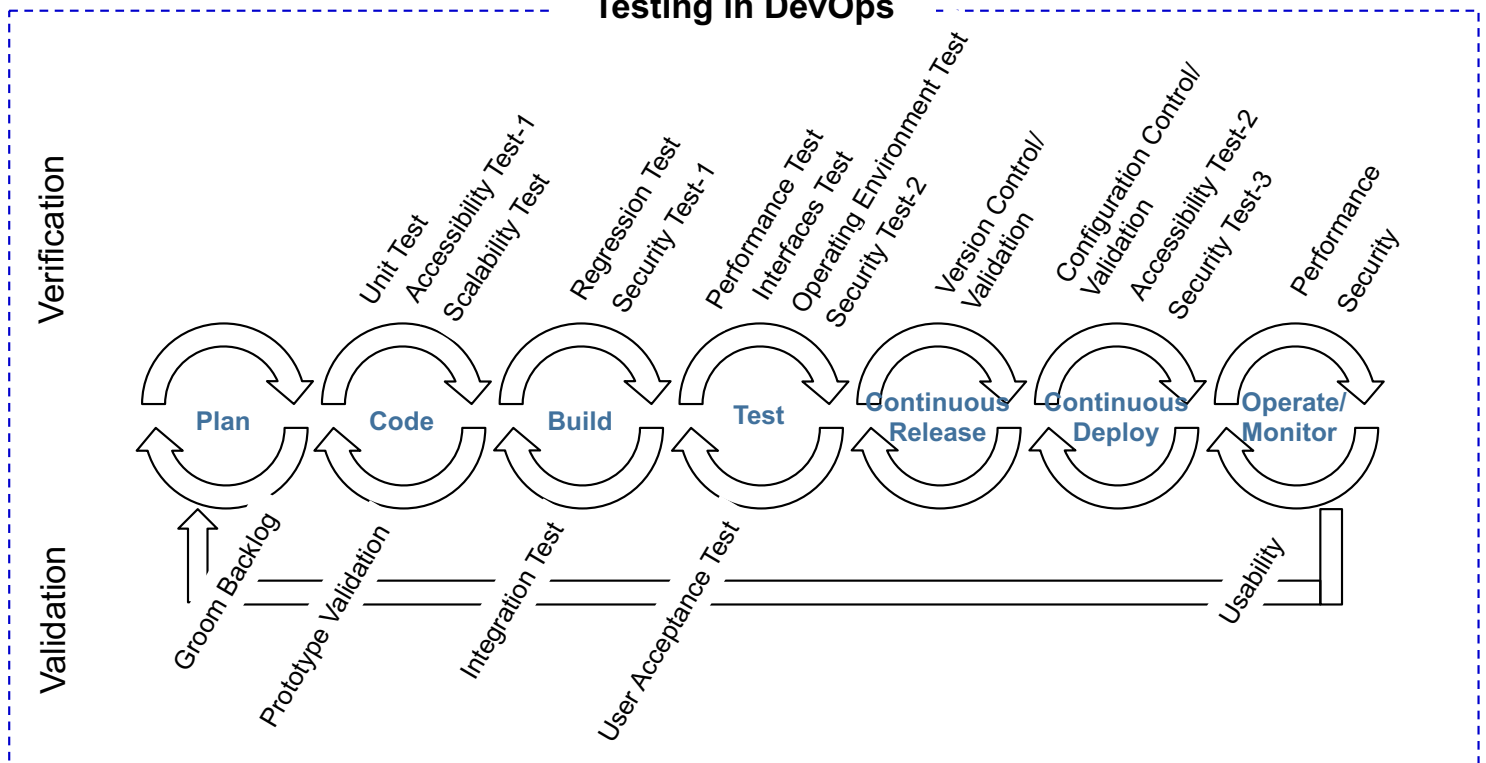
Verification – *Is the software built right?*

The tests determine whether the software is developed per Requirement Specifications.

Validation – *Is this the right software?*

The tests determine whether developed software meets the end customers' needs.

Testing in DevOps



Adnet's Testing Team Expertise

Testing Team functions as quality assurance (QA) mentors to the development team and assist operations team with monitoring functions.

Adnet personnel are trained CMMI professionals with experience in technical and leadership skills:

- User Story Review
- Backlog Grooming
- Automated Testing
- Facilitation
- Mentoring/Training
- X-functional Ops

Testing Experience & Accomplishments

Customers: Veterans Health Administration (VHA)
 US Army Medical Materiel
 Development Activity (USAMMDA)

VHA: Adnet completed all Testing Tasks with 'Exceeding Standards' ratings while providing a 5% cost savings to VHA.

USAMMDA: Adnet measured product cycle time on coding and testing which lead us to introduce automated testing into the process. This change resulted in reducing system fielding time by 50%.

Automation Testing Frameworks

- Record-Playback Testing
- Data-Driven Testing
- Modular-Driven Testing
- Keyword-Driven Testing
- Model-Based Testing
- Hybrid Testing
- Behavior-Driven Testing

Candidate Areas for Automation

- Smoke and Exploratory Testing
- Web and GUI Testing
- Unit Testing
- Regression Testing
- Continuous Integration Testing
- Functional Testing
- Workflow Testing
- System and End-to-End Scenario Testing
- Runtime error detection Testing
- Data Integrity Testing
- Load Testing
- Performance Testing
- Security Testing

Automated Testing Tools

Selenium IDE – A complete Integrated Development Environment for automated testing. Scripts can be automatically recorded and then edited manually with autocompletion support.

Selenium WebDriver – Provides ability to execute tests directly in the most popular browsers and collect results of the tests.

Selenium Grid – Enable tests on remote machines.

About Adnet

- Certified Cost Accounting | EVMS Certified
- 98% Overall Customer Satisfaction Rating
- Membership: IAC, NVTC, ASEI, SEI, itSMF, ASQ, AFCEA
- Contract Vehicles include:
 - ✓ GSA MOBIS – GS-10F-0127T
 - ✓ GSA IT70 – GS-35F-441CA
 - ✓ GSA 8(a) STARS II – GS0Q17GWD2002
 - ✓ Navy SEAPort-e – N00178-10-D-5865



The Adnet Difference

- We collaborate with developers and operations personnel throughout the entire software lifecycle.
- We embrace test optimization to increase efficiency by finding the right mix of unit, integration and functional automation testing along with manual and exploratory testing.
- We employ Test Driven Development and Behavior Driven Development.
- As a Process Improvement company, we constantly look for ways to continuously improve our customer processes and operations.
- Our measurement-based practices allow us to accurately predict cycle time for each activity enabling us to deliver services on schedule and within estimated budget.
- As a small business with a flat organization structure, we are able to move quickly to address issues or requirement changes.
- Our CEO is a Process Improvement and a Software Development Expert with detailed understanding of software testing. He can personally intervene to help address issues when needed.

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