

## Test and Evaluation

Information Technology systems are rapidly becoming more integrated and complex as Federal Agencies increasingly embrace Agile development principles and Service Oriented Architecture (SOA) implementations. Thorough Verification and Validation (V&V) of these systems is paramount to ensure agency initiatives are fully satisfied and operational risk is minimized. Titania has established itself as an emerging small business leader in providing Test and Evaluation (T&E) services to the Federal Government. Our extensive test experience to the Centers for Medicare & Medicaid Services (CMS), Defense Information Systems Agency (DISA), Department of Labor (DOL), Software Engineering Center at Ft. Lee, U.S. Army Training and Doctrine Command (TRADOC), and other Federal Agencies provides Titania with the capability of leading and supporting the full spectrum of test efforts under a wide array of system implementations and software development life cycle methodologies.

### Capabilities

- Healthcare Quality Reporting Systems Independent V&V
- Architecture design and development of healthcare application Automated Test Frameworks (ATF)
- Unit, Integration, and Regression Testing Expertise
- Manual and Automated Testing Services
- Requirements and user story based testing
- Section 508 Testing
- Agile Testing Expertise and Certification
- Performance and Backend Testing
- Joint Interoperability T&E
- Operational and In-Theater Test Events
- Adherence to Federal standards (FISMA, HIPAA, NIST)
- Testing process improvement through CMMI and Lean practices



### Test and Evaluation Related Services

#### CMS HIVVS

- Develops software testing strategy and conducts IV&V testing for more than 30 CMS Quality Reporting Systems
- Test tool expertise in HP ALM, HP UFT, Selenium, and Serena ALM
- Architects and develops CMS' HIVVS ATF using C#, which enables the rapid production of automated test cases
- Agile and Automation Subject Matter Experts
- Developed Governance documents articulating testing policies and procedures for all contractors within the program
- Provide business and operational impact statements based upon the quantity and severity of defects found through testing

#### DoD JITC Med-COI

- Provided the DoD's Joint Interoperability Test Command with senior level Test and Evaluation expertise to support the Interagency Program Office for integrated EHR Medical Community of Interest
- Supported the development and execution of the program Test Strategy, as well as creation of a Test Plan focused on planned and regression testing, and Information Assurance
- Ensured the Med-COI evaluation included appropriate test scope coverage to include performance, security, effectiveness, suitability, warranty, and utility
- Established a common data dictionary verifying accurate medical record capture, storage, transmission, and receipt were performed correctly



## Introduction to Titania Solutions Group, Inc.

Founded in 2012, Titania is a certified woman owned, service disabled veteran owned (WO, SDVO) small business focused on delivering valued services to our federal clients and their critical missions. Our founders and corporate leadership have spent their careers in uniform, government service, and in growing and managing service organizations of excellence; building and earning a reputation of quality, superior customer support, ethical conduct, and dedication to partnership. Titania functions with large business sophistication and acumen and small business agility and responsiveness, and is deeply committed to taking care of people: our employees, partners, customers, and those in our community. Headquartered in Warrenton, Virginia, Titania also has an office in Sierra Vista, Arizona. We provide on-site support to customers at Fort Huachuca, AZ; L'Enfant Plaza, Washington, D.C.; the William J. Hughes Technical Center, NJ; Fort Bliss, TX; Goodfellow Air Force Base, TX; Crystal City, VA; and the Pentagon, VA.

*“Titania’s recommendation and fast implementation of the test site data collection capability saved us a huge amount of time and now gives us views into the data which we never had before. It’s this type of innovation that have established you as a partner we’ve come to rely upon.”*

Government Program Manager

## Titania Advantage

- Highly skilled staff with a sophisticated, experienced hand-picked infrastructure
- Extensive Prime and Subcontractor Management Experience
- Achieved \$10M in revenue for FY17 supporting primary customers: Centers for Medicare & Medicaid Services (CMS), the Federal Aviation Administration (FAA), Department of the Army, Department of the Navy; 40% growth from FY15
- DHS IMAGE ICE certified
- CMMI DEV/3<sup>SM</sup>



## Titania Services

- Systems, Software, and Testing Architecture Design and Development
- Test Engineering Support / Application Verification & Validation (V&V) in an Agile environment
- SharePoint Design and Development, Architecture, Knowledge / Information Management (KM/IM)
- Enterprise Solutions
- Full IT Lifecycle Governance
- Cyber Solutions
- Intelligence Analysis & Support (all INTs)
- Cultural Analysis; Research, Reporting, Training
- Operational Training; Instructional Scenario-based Design
- Customer Service & Help Desk Support, Security, Administration, and Budgeting

## Contract Vehicles



## For additional information, please contact:

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Titania is an equal opportunity employer.

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