



Cyber Technology

Background

Cyber Security and safeguarding information are at the forefront of many Federal Agency executives' minds. Seemingly with each passing day, news of a new vulnerability or system breach is reported that impacts the security or privacy of commercial or government systems. Today's Federal executives require partners who are cognizant and experienced with cybersecurity best practices and who build systems with that awareness in mind. It is especially critical for Federal Health Agencies that routinely operate, store, and analyze U.S. citizens' PII and/or PHI data. Systems that store this type of data pose unique constraints and must follow strict protocols prior to being deployed for production or public use. Titania is a valued partner to our Federal Health and other Federal Agency customers in working within these regulations and providing support towards effective and improved information assurance practices.

Capabilities

- Cybersecurity Resource Master Planning and Allocation Analysis
- Cyber Defensive Architecture Development
- Information Assurance
- Hardware Based Cyber Solutions
- Software Hardening
- Certification and Accreditation Validation
- Security Assessments

“Titania has technical experts in big data analytics and former U.S. Army Intelligence officers with system/software engineering backgrounds who previously served as strategic contributors in the conceptualization, architecture design, and software and systems development of the Army's Intelligence Master Plan (AIMP).”

GEN (Ret) Keith Alexander
CEO IronNet Cybersecurity and former
NSA Director and Commander,
USCYBERCOM

Cyber Technology Services

AI-CIG

- In support of the Army Intelligence Campaign Initiatives Group (AI-CIG), provided technical and analytical cybersecurity expertise and associated intelligence disciplines including MASINT, SIGINT, IMINT, CI/HUMINT.
- Sustainment and development support of the Automated Assessment Tool, the Military Intelligence Investment Strategy (MI2S) decision support system, and the Force Development Investment Information System (FDIIS).
- Strategic and tactical level assessments and strategies in the area of cyber offensive and cyber defensive tactics and techniques to AI-CIG.
- Cyber experts on staff who are regular level one lecturers on the cyber security speaking circuit.

Cyber Defense

- Army Cyber Master Plan
 - Cyber related data extraction, transformation, and loading from disparate cyber defense resource data sources throughout the DoD.
 - Developed the business logic and intricate visualization integrated into DoD intelligence collaboration tools in support of the Office of the Under Secretary of Defense (Intelligence) to ascertain and prioritize the utilization of cyber resources and approaches.
- DISA Command Center (DCC)
 - Developed a Threat Indicator Matrix and collection tool to map identifying attributes of reported attacks to multiple threat actors. This matrix is used to counteract current and emerging cyber threats.
 - Automated web content filtering blacklist generation to ensure the safety and productivity on the DODIN.



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/3SM



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



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Titania is an equal opportunity employer.

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