



Capability/Area of Expertise

- Engineering, System Engineering and Process Engineering Support
- System Design Documentation and Technical Data Support
- Software Engineering, Development, Programming, and Network Support
- Human Factors, Performance, and Usability Engineering Support
- Configuration Management (CM) Support
- Quality Assurance (QA) Support
- Information System (IS) Development, Information Assurance (IA), and Information Technology (IT) Support
- Interoperability, Test and Evaluation, and Trials Support
- Functional and Administrative Support
- Clerical and Administrative Support
- Analytical and Organizational Assessment Support

Experience/Services Delivered

Contract Support	Agency
Development Test and Evaluation (DT&E), Automated Testing	Joint Interoperability Test Command (JITC), Defense Logistics Agency (DLA) Defense Agency Initiative (DAI)
Accomplishments: Established an independent DT&E Team on behalf of JITC for DAI. Conducted requirements review for all system change requests, updated all existing scripts for the Program Management Office (PMO), conducted first ever independent System Integration and User Acceptance Tests for PMO, and implemented test automation.	
System Design Documentation and Technical Data Support	DAI, DHSS, DHIMS
Valytics assisted Government customers in establishing program baselines with all the associated documentation, including the Acquisition Decision Memoranda (ADM). This included changing budgetary constraints, Business Cases, Test and Evaluation Master Plans (TEMP), TEMP Annexes, Electronic Information Support Plans (EISP), and all associated DoDAF views. Valytics wrote TEMPs and other associated documentation for input into acquisition Milestone decisions which gained approval from the Milestone Decision Authority (MDA). We supported development and coordination of the MAIS documents, setting the course for successful integrated support for major DoD programs.	
Development Test and Evaluation (DT&E), Automated Testing	Defense Health Agency (DHA), Defense Health Services Systems (DHSS)
Valytics was the prime on a contract supporting test and evaluation services for 22 complex medical applications. The Valytics DT&E contract to test the design, construction, and operation of MHS medical software was a process designed to identify pre- and post-deployment issues. We implemented test automation on a variety of applications, reducing test costs to the PMO.	



Software Engineering, Development, Programming, and Network Support	JITC
<p>Valytics managed Interoperability (IOP) Test and Evaluation (T&E) for multiple contract tasks including performing IOP evaluations for multiple DHSS, Wounded Warrior support, IEHR, and DLA DAI applications. We verified these systems properly exchange data with every interfacing system. Our IOP testing activities included requirements review and comment, tracking system configurations, and updating testing schedules.</p>	
Configuration Management (CM) Support	DHSS, DHIMS, DAI
<p>Valytics CM support has been proven effective and continuously improved upon for our DoD contracts over the past ten years. These systems facilitated control over key business processes. Our CM support covered planning and scheduling; cost estimating; budgeting and accounting; forecasting; progress reporting; technical and regulatory reporting and submittals; deployment of resources; equipment control; procurement tracking, and; other relevant data handling. Our success providing these services is evidenced through our performance on multiple DoD contracts.</p>	
Test and Evaluation Services	Department of Homeland Security, Immigrations and Custom Enforcement (ICE) Office of the Chief Information Officer (OCIO)
<p>Conducted DT&E, interoperability testing, patch testing, and test automation on 42 ICE applications.</p>	
DT&E and Test Automation Services	Defense Health Information Management Systems (DHIMS)
<p>Conducted functional testing for AHLTA and the Electronic Health Record (EHR) within the Military Health System (MHS). Valytics' in-house test automation team designed, developed, and deployed a comprehensive automation suite. This effort reduced the 400 person-hour, manual regression test cycle for AHLTA, to a four hour automated process. Our careful and intelligent automation of test scripts reduced AHLTA deployment times, standardized test processes, and provided the government with direct and significant savings in Test and Evaluation costs.</p>	
Program Management and Administrative Support	Defense Center of Excellence (DCOE), Wound Warrior
<p>Valytics Defense Centers of Excellence (DCOE) Program Administrative and Management Support team helped identify and disseminate institutional best practices to ensure that key Wounded Warrior groups receive high quality care during their active duty career and through their transition to the VA. To help develop common DoD-VA standards to track and prevent veteran suicides, Valytics planned major DCOE events such as the DCOE Suicide Prevention Conference and the Warrior Resilience Conference IV. Our team also provided regular general program and project administration and management support to the DCOE Wounded Warrior, Suicide Prevention, and Traumatic Brain Injury efforts.</p>	
Medical Facility Sizing Review and Forecasting Analysis	Air Force Medical Service Surgeon General's (AF/SG) Office
<p>Conducted analysis of Service MILCON submissions for the Program Objective Memorandum. Analyzed workload and population demographics to validate facility-sizing requirements for the Future Year Defense Program.</p>	



Quality Assurance (QA) Program

Valytics' approach to quality assurance (QA) mirrors our core values. Our QA approach encompasses the following basic tenets:

- QA has visibility and priority at the highest levels of management.
- Everyone is responsible for quality. All staff members are held accountable for producing quality work and are expected to contribute to process improvement.
- Process improvement is continuous and evolutionary.

The goal of our quality control measures is to improve the efficiency, accuracy, and repeatability of our efforts, which will result in overall cost reductions to the Government.

Our approach prevents the reoccurrence of mistakes, ensures a quality product is always provided, and adapts to changes. It is comprised of seven foundational elements:

- Defect Avoidance
- Identification of Specific and Measurable Quality Attributes
- Procedural Quality Assessment and Improvement
- Managerial Quality Control
- Integrated Quality Assurance Processes
- Self-Inspection Plans
- Internal Staffing Plans

Point of Contact on Customer Satisfaction

Kay Baird; kbaird@valytics.com; 703-575-5008

Point of Contact for Information related to SeaPort-e.

Kay Baird; kbaird@valytics.com; 703-575-5008