



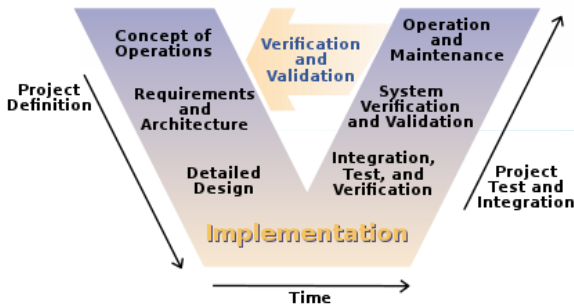
Test & Evaluation Services

What is Test and Evaluation?

Test & Evaluation (T&E) is the process by which a system or components are compared against requirements and specifications through testing. The results are evaluated to assess progress of design, performance, supportability, etc. Developmental Test and Evaluation (DT&E) is an engineering tool used to reduce risk throughout the acquisition cycle. Operational Test and Evaluation (OT&E) is the actual or simulated employment, by typical users, of a system under realistic operational conditions. Testing is a mechanism to assure quality of a product, system, or capability (e.g., right product, built right). To be effective, testing cannot occur only at the end of a



development. It must be addressed continuously throughout the entire life cycle. T&E involves evaluating a product from the component level, to stand-alone system, integrated system, and, if appropriate, system-of-system and enterprise.



BEAT's Test and Evaluation Approach

BEAT follows the Systems Engineering Process (SEP) covering the entire life of the system, from conception to retirement. Our process emphasizes requirements-driven design and testing. All design elements and acceptance tests are traceable to one or more system requirements and requirements are addressed by design element and acceptance



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Test and Evaluation Support Services: CORPORATE EXPERIENCE



Defense Health Agency, Infrastructure Test Center Support Services

BEAT is the prime contractor supporting the Defense Health Agency (DHA) Infrastructure Test Center (ITC) support contract, which provides for Test and Evaluation (T&E) activity in support of the DHA's Health Information Technology (HIT) Directorate, Architecture, Advance Concepts, and Engineering (AACE) Division. The ITC resides within the Joint Base San Antonio Military Health System (MHS) Enterprise Service Operations Center (MESOC) Data Center.

The ITC is at the cornerstone of providing critical computing capabilities for the MHS as a premier DISA Test & Development (T&D) Enclave Security Technical Implementation Guide (STIG) architected lab. It is the primary lab resource for Health IT Directorate, Infrastructure & Operations Division to execute all Infrastructure programs/projects Life Cycle Management (LCM), including design, architecture, engineering, test, operations, and sustainment activities.

For the DHA enterprise, the T&E activities performed within the ITC have demonstrated proven benefit in the enterprise management of information technology (IT) systems, centrally standard processes and technology from data center to desktop (D2D). The T&E activities performed within the ITC has supported critical DHA enterprise programs including: Compute and Storage Management Service (CSMS), Department of Defense (DoD) Enterprise Email (DEE), Desktop as a Service (DaaS), Directory Services Enterprise Management (DS/EM), Global Service Center (GSC) and Network Security Management Service (NSMS). (Prime: HT0015-19-F-0038, PoP: 03/30/2019—03/29/2024, TCV: \$9,458,009.88)



Defense Counterintelligence and Security Agency Test and Evaluation Program

BEAT is the prime contractor supporting the Defense Counterintelligence and Security Agency's (DCSA) Enterprise-wide T&E program. DCSA is the designated oversight authority of the National Industrial Security Program, the accreditation of classified facilities and information systems, and the insider threat program. DCSA provides security oversight of more than 10,000 companies and approximately 13,000 facilities involved in classified work throughout the DoD and 31 federal agencies. BEAT provides T&E support for Independent Verification & Validation (IV&V) of new developments; new systems or projects as defined by DCSA leadership; enhancements of current applications; and current applications that are part of integrated enterprise systems. BEAT's T&E support services span from the component level, to stand-alone system, integrated system, system-of-system and enterprise.

(Prime: HC1028-21-F-1122, PoP: 09/23/2021—06/30/2026, TCV: \$18,987,722.74)



Defense Health Agency, Solution Delivery Division,

Defense Occupational and Environmental Health Readiness System

BEAT is a prime contractor leading the Defense Occupational and Environmental Health Readiness System-Industrial Hygiene (DOEHRs-IH) Enterprise Sustainment Support Service contract for this Business System Category (BCAT) II system. BEAT provides support for testing, production insertion, transition to production, documentation management, security maintenance, and security testing of the DOEHRs-IH enterprise application suite supporting DHA's Force Readiness and Health Assurance (FR&HA) community comprised of Industrial Hygiene Professionals, Environmental Health Professionals, Public Health Professionals, Radiation Health Professionals, and Medical Treatment Facility Commanders.

BEAT provides collaborative support to all other contractors tasked with application configuration or support. BEAT provides production management support including: (1) Systems analysis and administration; (2) Database and code administration; (3) Maintenance functions; (4) Change control and testing; (5) Pre-production testing and insertion; (6) Documentation; (7) Cybersecurity/Information Assurance; (8) Security maintenance; (9) Security testing and code scanning support; and (10) Troubleshooting and problem resolution support. (Prime: W81XWH-16-F-0341, PoP: 09/30/2016—03/31/2021, TCV: \$20,928,032.95)



United States Army Dental Information Systems Center,

Corporate Dental System

BEAT supports the Corporate Dental System (CDS) Program Office (PO) within the United States Army Dental Information Systems Center (DISC). The CDS is a BCAT III system supporting scheduling, workload, dental treatment, dental imaging (i.e., DICOM), and readiness reporting fielded within 148 US Army, 225 Air Force, 110 Navy, and 33 Joint Base dental clinics worldwide. BEAT's services include testing support for new development associated with the 26 web-modules and 16 system interfaces including Air Force Corporate Health Information Processing Service (AFCHIPS), Medical Protection System (MEDPROS), and Navy Medicine Online (NMO). BEAT is responsible for the CDS testing strategy including implementing industry best practices for change and version management and comprehensive test planning and execution leveraging both manual and automated test events.

(Subcontractor: W911QY20C0020, PoP: 03/17/2020—04/08/2022, TCV: \$6,712,922.06)

