

## AHLTA

AHLTA is the Department of Defense (DoD) Military Health System (MHS) initiative to transition patient records from paper to centralized storage. AHLTA is the U.S. military's electronic health record (EHR); it marks a significant new era in healthcare for MHS and our nation. AHLTA gives healthcare providers access to data about beneficiaries' conditions, prescriptions, diagnostic tests and additional information essential to providing quality care.

Worldwide AHLTA impacts more than 9 million beneficiaries, 132,700 MHS staff, 412 medical clinics, and 65 military hospitals. In any given week, AHLTA supports: 2.2 million prescriptions, 642,400 outpatient encounters, 102,900 dental procedures, 19,600 inpatient admissions and 2,100 births for MHS beneficiaries.

Northrop Grumman has been the prime developer and lead integrator for AHLTA from inception and continuing into the ongoing sustainment, enhancement and expansion—tasked to perform systems engineering, requirements analysis, architecture evaluation, software and GUI design and development, engineering and development testing, lexical data mapping, test and evaluation, maintenance, site installation and implementation, and training.

Northrop Grumman's AHLTA lifecycle services include requirements engineering, such as hosting and joint application development (JAD) facilitation; performing business process reviews; requirements derivation via reverse engineering; recording and tracking requirements; and performing Function Point Analysis. Development techniques include rapid application development (RAD), JAD, daily builds, spiral development, staged and evolutionary delivery, design-to-schedule and timebox development. Other AHLTA-related ongoing programs and activities that also are supported by Northrop Grumman include:

- **AHLTA Theater.** AHLTA Theater is a modified version that provides clinical encounter functionality on a standalone laptop in a deployed theater environment and continues the integration into the Theater Medical Information Program (TMIP). The AHLTA Theater application is used to record patient-provider interactions, problems, medication lists, allergies, immunization records, reminders, readiness reports, screening data, vital signs data, historical and current medical encounters, and case dispositions.
- **AHLTA Electronic Health Record (EHR) Sustainment Training.** Northrop Grumman is the leading provider of EHR training and currently supports 39 Army Military Treatment Facilities (MTFs) and 28 Navy MTFs. Our Trainers provide onsite support worldwide to teach and reinforce techniques to increase EHR value and user proficiency. Training Coordination support includes evaluation of methods of instruction, monitoring of effectiveness of training, preparation and/or modification of training curriculum and materials, and development and dissemination of training on new AHLTA builds, functionalities or solutions as they are released to the field. Training techniques include the development of a web-based AHLTA Resource Center.