HEALTH

Information Technology

Empowering Better Care

ManTech is a focused health care systems integrator with particular strength in federal and military health care IT. We help our customers transform health care every day by supporting a wide range of programs for our active-duty personnel and their families, our returning veterans, and our aging and underserved populations—and the people who care for them.

How do we meet the biggest health care challenge today: the need for patients, providers, payers, and researchers to share critical information in many different formats in a rapid, secure, and transparent way? ManTech attacks that problem in four main areas: interoperability and integration, infrastructure modernization, digital management, and data analytics.

Interoperability and Integration: The challenge of multiple systems and technologies.

Hospitals and laboratories introduce new technologies every day, and each one needs to work with the organization's other IT systems and devices. ManTech is playing a critical role enabling the Department of Defense (DoD) Military Health System (MHS) and the Department of Veterans Affairs (VA) to share electronic health records, and we are extending that sharing to include the private sector.

In addition to the challenges of multiple system interoperability, today's health IT systems must be able to integrate complex capabilities according to standard, repeatable methodologies that are flexible enough to adapt to changing requirements and environmental constraints. ManTech integrates these components well because we have expert knowledge of health IT

standards, legal and regulatory requirements, the need to protect patient information, and operational characteristics of major clinical systems such as electronic health records and health information exchanges.

Infrastructure Modernization: Beyond technology

Mobile information processing is becoming common-place across all industries as well as in our personal lives. Communities, caregivers, health care professionals, and patients now expect mobile platforms with easy access to information. They expect systems to evolve with the times, to be user-friendly, and secure. The unique challenge in developing these systems is the need to take into account the fast evolving pace of technology; the many available products, platforms and vendors; and the security of data in cloud and wireless environments.

ManTech professionals are involved in many projects to modernize health IT systems across the federal and DoD health systems. Today's health practitioners are adopting modern techniques including telehealth, patient and provider-centered mobile applications, computerized assessment tools, and even gaming and virtual 3-D graphics. These modern familiar technologies are engaging the new professional generation who grew up with computers and video games. They allow expanded access to care and enhance the electronic health record initiatives. ManTech's state-of-the-art solutions in telehealth, mobile applications, virtual reality, and usability lab programs are addressing the needs of modern systems in today's technologically advanced environment.

Data Analytics: Information and Analysis at the Ready

Data analytics and informatics deals with the resources, systems, and methods needed for acquiring, storing, retrieving, and analyzing information in healthcare and biomedicine. ManTech specializes in taking diverse, large volumes of fast-moving data, verifying accuracy and helping customers visualize trends that drive organizational decisions. Our experts use custom applications and algorithms to identify critical trends from systems threats to disease or crime patterns. In health care, we recognize that data isn't always standard information, and images are a critical component to diagnostics and patient care. Today, our ability to store, manage and analyze image data can help streamline health care delivery.

Digital Management: Digitization and Accountable Processes

Each year federal agencies generate millions of pages of medical paperwork. This documentation supports both clinical applications and medical disability benefits evaluations. Digitizing, indexing, securely storing, and managing these artifacts is a complex process compounded by the requirement to provide these digital artifacts through secure exchange services. ManTech is at the forefront of digital management, providing critical systems integration, development, and management support for several key program designed to meet these challenges.

Customers:

- DoD Defense Health Agency (DHA)
- U.S. Department of Veterans Affairs (VA)
- DoD Interagency Program Office (IPO)
- Centers for Medicare & Medicaid Services (CMS)
- U.S. Department of Health and Human Services (HHS)
- U.S. Air Force Medical Service (AFMS)
- U.S. Army Medical Command (MEDCOM)
- U.S. Navy Bureau of Medicine and Surgery (BUMED)

Key Experience in the following federal systems:

- Defense Health Medical Systems Modernization (DHMSM)
- Service Treatment Record (STR) Processing Operations Reporting Tracking Solution (SPORTS)
- Composite Healthcare System (CHCS)
- Armed Forces Health Longitudinal Technology Application (AHLTA)
- AHLTA Mobile
- AHLTA Theater
- Theater Medical Data Store (TMDS)
- Clinical Data Repository (CDR)
- Bidirectional Health Information Exchange (BHIE)
- Virtual Lifetime Electronic Record (VLER)
- Clinical Health Data Repository (CHDR)
- Healthcare Artifact and Image Management Solution (HAIMS)
- Medicare Enrollment and Premium Billing System (MEPBS)
- Multidimensional Insurance Data Analytics System (MIDAS)

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