Health IT

Smartronix provides a wide array of Health IM/IT services, health data management, and enterprise software development and operations support. Our Software Engineers specialize in rapid software development in the Health Care arena. Our Subject Matter Experts (SMEs) are recognized as leaders in health data management within the Department of Defense Military Health Care System. Their efforts have been instrumental in establishing policies and processes to ensure data integrity within the Composite Health Care System (CHCS) / Armed Forces Health Longitudinal Technology Application (AHLTA).

Health Data Management

Smartronix provides a wide spectrum of management, technical, and engineering services in support of the CHCS/AHLTA health data management and analysis effort to include Program, Technical Management, and SME support in the development of an enterprise technical solution for health data management. Our management and technical experts have created health data management processing rules to assist in the standardization of enterprise business processes that will assist our customers in reducing and eliminating erroneous or non-standard input of health data into CHCS/AHLTA.

Spotlight | CHCS/AHLTA Patient and Provider File Clean-Up

Smartronix leverages its extensive subject matter expertise providing advanced technical and administrative support to ensure the data quality of Air Force medical systems is consistent with Health Affairs, Major Commands, and Military Medical Treatment Facilities (MTF) directives. In addition, Smartronix drafts business rules for guidance and standardization, develops training guides used for correcting identified data errors, and provides on-site assistance to process owners for various data elements contained in CHCS/AHLTA. Smartronix has developed automated tools to analyze the Patient and Provider files, actively seeking out data records that are incorrect or contain missing data elements. These tools allow us to analyze, trend, and report on the health of the data contained in CHCS/AHLTA. Our SMEs then assist the MTFs with correction of their data files. We provide training to the MTFs that reduces the amount of erroneous data being introduced into CHCS/AHLTA. The result of this effort has been safer and more complete medical encounters, and increased revenue collections for the MTFs.
Enterprise Software Development

Smartronix develops, designs, and implements enterprise software for some of the largest and most complex global enterprises. These include enterprise messaging and collaboration, server and application virtualization, enterprise content management, data warehouse development, and service-oriented architecture design and development. Our Virtual Development Environment (VDE) provides a shared test and development environment enabling our development teams to rapidly retrieve software releases hosted on multiple platforms, re-create production-level environments, and share those environments with other geographically distributed development/test teams.

Spotlight | Referral Management System (RMS)

The Smartronix team developed a Referral Management System which provides a means for managing, faxing, and tracking patient consult orders and referrals on a global scale to the MTF, while identifying trends, recapturing care, and promoting continuity of care. RMS provides a mechanism for determining patient access to specialty clinics, Durable Medical Equipment (DME), and network inpatient admissions based on standardized criteria and predetermined clinical/business outcomes.

Geospatial

Smartronix develops and integrates cutting-edge geospatial solutions covering the entire spectrum of spatial data processing, analysis, and visualization. This includes requirements definition, database architecture, application design and development, and enterprise geospatial integration. Our professional geospatial engineers couple the needs of business with the latest GIS technologies on the market to deliver enterprise business and spatial information management solutions focused on improving decision making, visualizing complex data relationships, promoting information transparency, and enhancing situational awareness.

Spotlight | Recovery.gov 2.0

Recovery.gov 2.0 was developed by the Smartronix team to support the interests of users ranging from the casual citizen observer to Government watchdogs. These users will be pleased by the wealth of Federal spending data that’s literally at their fingertips and accessible in a myriad of ways as the site continues to be updated with even more features. Significant advancements include the addition of geospatial mapping and analysis capabilities, that let users explore stimulus expenditures on a state, county, congressional district, or zip code basis.

Medical Systems Operations and Support

Smartronix provides a wide range of IT services to MTF, Command, and Program Office staff in support of medical operations. We deliver the highest quality of service as the primary provider of core IT support to our clients in the areas of hardware and software support, network administration, database management, asset management, and many other specialized requirements. Our company also provides help desk and field user support for critical service-wide applications; and has other contract task orders to provide system administration, hosting, and configuration management for several service-wide Web applications. PMP and CPHIMS certified professionals also allow Smartronix to provide critical planning and solution resources to military health IT decision makers at all levels. Regardless of your medical IT needs or the level of your organization, Smartronix can build the operations and support model needed for every requirement.

Spotlight | HQ Air Mobility Command/SG Healthcare Information Branch

Smartronix provides the full spectrum of IM/IT support services for the AMC/SGSI Information Systems. We provide help desk support for a full range of medical systems supporting all AMC bases. This includes collecting, maintaining, and reporting data relating to hardware, software, network, and training-related problems experienced by AMC medical systems users as well as performing IT inventory control. We serve as SMEs to the CHCS Database Administrator and the Administrators for local and/or standard database management systems within the HQ/AMC SGSI and designated MTFs. We also provide all-important security support services for AMC/SGSI IT equipment, including small computer systems and telecommunications. This includes operational and analytical support related to security IT equipment, telecommunications, and network security; and management and administration of user IDs, passwords, and security keys.