

MEDICAL INFORMATICS



The relationship between healthcare and information management and IT is more important today than ever.

From ensuring the confidentiality of patient records and information, to accessing patient data quickly to save a life, GRSi's medical and IT technical experience enables the delivery of rapid, secure, and accurate healthcare information and services. GRSi supports telemedicine applications and medical information systems with help desk support, digital imaging support, and infrastructure services and support – to include as-is analysis, to-be design, remote diagnostics, modernization efforts, and lifecycle support design and implementation.

While there are many similarities to IT in commercial or in other Department of Defense (DoD) environments, the medical community has its own unique set of characteristics that only experienced contractors understand readily. Our personnel meet and comply with IT/IA Levels according to DoD 8570.01 as well as hospital and medical requirements, policies, and guidelines, including the Health Information Portability and Accountability Act (HIPAA), DoD Directive 8500.1, Information Assurance, DoD Instruction 8500.2, Privacy Act Program Requirements (DoD 5400.11), and DoD Health Information Privacy Regulation (DoD 6025.18-R).

Efficient and effective medical informatics support keeps medical facilities operating smoothly and allows for the team to focus on the ultimate goal: patient care.

Support areas include:

- Software Development
- Database Administration
- Research and Development
- Test and Evaluation
- Systems Maintenance and Development
- Information Assurance



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PEOPLE

ENGINEERING

TECHNOLOGY

About GRSi— 2012 Government Contracting Company of the Year by the Tech Council of Maryland and ranked as the 38th Fastest Growing Company in the Country in 2011 by Inc. Magazine. GRSi is a professional engineering and Subject Matter Expert consulting business headquartered in Frederick, Maryland. We provide our core competencies in SME provision, systems engineering and integration, human capital management, performance-based logistics, information management and IT, science and mission support, and medical informatics to the Federal, Defense, and commercial markets. Visit us at www.grsi.com

Software Development

GRSi monitors the latest available technologies, assess the value proposition, and engineer integration and incremental system enhancements, continuously and optimally refreshing and modernizing medical technology. We help the military medical community to engineer optimized technology investments.

Database Administration

Our approach focuses on automating, centralizing, and enhancing data integrity. GRSi database developers build and maintain databases for collaboration and knowledge management, all within a hospital setting and with the highest guidelines of security and resilience. GRSi consults with stakeholders, establishes and reviews conceptual logical and physical database designs, and defines the database structure and overall design.



Research & Development

We recommend investment roadmaps and decisions for upgrade, modernization, or the replacement of IT devices, systems, and equipment, including business case analysis and total cost of ownership studies for clinics, hospitals, triage centers, and MTFs. GRSi performs site visits to interview departmental staff, observes scheduling and patient-flow patterns, and evaluates quality of service and the condition and utilization of existing equipment. We recommend improvements in operations, facilities, staffing, workflow, and clinical operations.

Medical Communications for Combat Casualty Care (MC4)

GRSi database and logistics analysts, systems engineers, hardware technicians, test engineers, and health subject matter experts support:

- System Test and Evaluation
- Software Development
- Configuration Management
- Logistics and Logistics Systems (CASS-M)
- Enterprise Resource Planning (ERP)

Based on our in-depth knowledge of the system and its functions, we have helped integrate MC4 with other systems, such as Future Combat Systems, and we serve as the “keeper” of the project’s history.

Our MC4 SMEs have represented other initiatives, including Defense Medical Logistics Standard Support (DMLSS) and Theater Enterprise Wide Logistics Systems (TEWLS).

Test and Evaluation

We assess system requirements for completeness and testability, develop and execute procedures for integration and system level tests, and document results. We participate in quality assurance, requirements, and design reviews, and serve on Integrated Product Teams (IPTs) to T&E fixes, upgrades, applications, interfaces and hardware as well as develop Test and Engineering Master Plans (TEMPs) to verify functionality.

System Design and Development

GRSi designs, develops, maintains, and supports systems, usage, lifecycle, and data reporting. We recommend the approach, technology, and resources. Upon approval, we run the project, including project management, testing, deployment, sustainment, and updates.

Information Assurance

Our SMEs include CISSP and CEH-certified professionals who support certification and accreditation planning and cyber-security support for device, systems, and environment protection. Our IA professionals secure both classified and unclassified systems.