

# SYSTEMS ENGINEERING & INTEGRATION



**Improving overall system engineering and integration processes by tailoring best practices to repeatable methodologies for application.**

## Services Include:

- Configuration Management
- Test and Evaluation
- Information Assurance
- Cyber Security
- Software Engineering
- Quality Assurance

From circuit board design and robotics engineering to database development and application programming, GRSi support ranges from basic electronic design to IT architecture and configuration/library management. We provide engineering, architecture design, development, integration, and system test & evaluation services for various client missions including those for SPAWAR, Fort Detrick, JHU/APL, and other government and commercial clients.

GRSi mitigates complex challenges that span engineering, management, acquisition and leadership by integrating all of these important aspects to achieve on time, on budget and exceeding expected performance. This approach is geared to meet the unique needs of our clients and their complex missions.



5235 Westview Drive, Suite 101, Frederick, MD 21703 • 240.236.0800 • [business@grsi.com](mailto:business@grsi.com)

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](http://www.grsi.com)

## Software Engineering

GRSi offers a variety of software engineering services to large-scale enterprises and government agencies. Specifically focused on providing the best solution for your IT problem, we combine creativity, engineering know-how, and experienced management to provide innovative, customized software solutions to keep you ahead of the technology curve.



## Systems Integration

Whether using emerging technologies, a custom development capability or established packaged software from market leaders such as SAP and Oracle, we solve industry-specific or shared enterprise problems. We assist our customers in getting the most out of their network investments through network planning and design facilitation, network infrastructure optimization, network integration, and reliable migration to the next generation infrastructure.

## Quality Assurance

GRSi Quality Assurance subject matter experts provide a combination of consulting, support and training services as well as reviews. By refining our tools, methodologies, and processes, GRSi ensures accurate and timely deliverables and products.

- Schematic library creation and design
- Deadline sensitive design staff augmentation
- Mentor graphics, OrCAD and industry standard EDA tools
- Printed Circuit Board (PCB) creation

## Information Assurance

Delivering excellence with diligence, GRSi supports an array of information assurance services including, cyber security, digital forensics, resilience, continuity of operations (COOP), and independent verification and validation (IV&V). Our CISSP-certified staff and security SMEs offer civilian, military and commercial clients high level cyber security support, from HIPPA compliance to highly classified processing.



## Cyber Security

GRSi offers a range of services including enterprise level security, threat analysis, assessment and continuous monitoring, incident response planning and response and certificate and accreditation.

## Configuration Management

GRSi recognizes that Configuration Management (CM) is key to the success of any project. Our solutions improve the efficiency and quality of the solution delivery. Throughout the project lifecycle, we ensure integrity and control of all approved changes, whether it be software or hardware, though the use of standardized, best practice CM framework processes, procedures, and tools.

## 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.