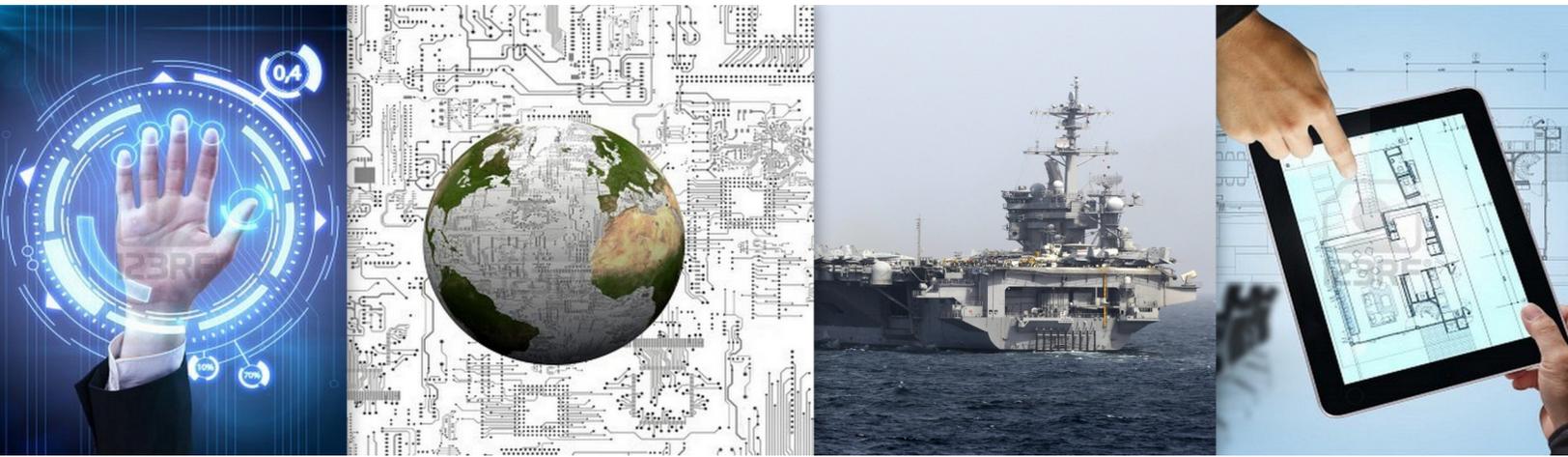


SYSTEMS ENGINEERING & INTEGRATION



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

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.



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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 Engineering

GRSi provides software engineering support to the System Programming Applications for Distributed Environments (SPADES) program, including design and technical documentation for the development and maintenance of every new or evolving SPADES requirement. GRSi supported its migration into JTWS under a CMMI Level 3 environment and software development guidelines.



Systems Integration

GRSi supports the ships signal exploitation equipment (SSEE) cryptologic system by working with the SSEE Increment E AN/USQ-137 systems engineer to design, develop and integrate a new Video Distribution System (VDS) into the product systems. This capability was designed to integrate commercial off-the-shelf (COTS) equipment to format video inputs on the supervisor's quad screen and to allow video to be routed between operator workstations.

Test and Evaluation

GRSi's experienced SME's understands that T&E requires extensive planning to ensure delivery of a system capable of meeting documented requirements in a timely and cost efficient manner. GRSi provides T&E services throughout the entire lifecycle and measures each project against the established requirements.

Printed Circuit Boards

GRSi CAD engineers design custom PCB's for high technology projects such as the prosthetic arm and Radiation Belt Storm Probe (RSBP). GRSi electronics engineers took the initiative to improve the chemistry of solder paste, flux, and cleaner for all circuit board hardware, and provided all related documentation for NASA (Goddard Space Center). This will save the project \$250,000 over the next five years.

Information Assurance

GRSi supports an array of information assurance services including, cyber security, digital forensics, resilience, continuity of operations (COOP), and independent validation and verification (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.

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.

Cyber Security

GRSi provides support to PEO C4I PMW 120 programs CCOP and DCGS-N, including IA security documentation, System Security Authorization Agreements (SSAA) Mainbody, Trusted Facility Manual (TFM), IA test reports and Approval to Operate (ATO) formal record messages. We conduct IA security testing, such as Windows Automated Security Scanning Program (WASP) and Unix Security Scanner (SECSCN) scans on Solaris, Linux and Windows based systems.



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.