



H2M Group Capabilities Statement

H2M Group Background: H2M Group was established in 2014 as a Woman and Veteran Owned Small Business. The three co-founders – John Hartman, Paul Howerton, and Melissa Marquette -- have over 80 years of combined experience providing imagery and geospatial expertise, information technology, and program management. H2M Group possesses established relationships and partnerships across the geospatial and Intelligence Community. The company has experienced double-digit growth each quarter and continues to expand its capabilities. H2M Group has been relied upon from its large business partners to identify highly-skilled employees in niche areas supporting the government customer including: cartography, geospatial and imagery analysis, imagery science, Full-Motion Video, planning and policy, Cyber, and staff officer support. In 2017, H2M Group was awarded its first Prime Contract as a small business, the NGA Multi-Intelligence Analysis and Collection Support Services (MACSS) contract. Soon after the MACSS award, H2M Group competed and won against three large businesses to provide data science, analytic methodologies, imagery analysis, multimedia services, and geospatial analysis of the NGA Analysis Office of Middle East and Southwest Asia. This 53-person task supports provides critical analysis services across one of the most important combatant theaters in the world.

Staffing and Program Management Expertise:

Analytical Services: Mr. John Hartman previously managed the SAIC/Leidos Enterprise Program for Analytical Support Solutions (EPASS) supporting NGA. In this role, he helped win over 340 analytical positions across 11 labor categories including imagery and geospatial analysis, full motion video, imagery science, intelligence and regional analysis, multi-media services, and toponymy. H2M Group used its past performance and explosive growth on EPASS as a subcontractor to win the MACSS contract as a Prime contractor, and the large 53-person analytic task order. H2M Group employees are conducting crucial analysis services across the NGA enterprise and within some Department of Defense customer organizations. Our Full Motion Video analysts are providing 24/7 operations support to combat forces in addition to classified IC customers.

Professional Services: Mr. Paul Howerton previously managed the SAIC/Leidos Enterprise Support to Management and Resources for Technical Services (ESMARTS) Program with NGA. With over 240 positions across multiple labor categories and skill levels, Mr. Howerton was recognized for his ability to keep positions filled. In 2012, he was recognized by SAIC as the PM of the Year in a Business Unit with over \$4bln in annual revenues. He established a winning formula for NGA ESMARTS Task Order proposals identifying the right people at the right price, and won more positions than all prime contractors but one. Since starting H2M Group with his two partners, Paul has grown the ESMARTS contracts to over \$8mln and the GLP Program to just under \$2mln. He has filled highly technical positions across multiple NGA offices in roles including: Cyber, Risk Management, Security Control, Strategic Planning, and Staff Officer support.

H2M Group Contracts: With our extensive corporate relationships and proven ability to find the right staff to meet mission needs, we have quickly expanded our contract base across NGA.

Contract Name	Services Provided	Estimated Value
MACSS	In 2017, NGA was awarded its first Prime Task Order with 53 staff members supporting the NGA Office of Middle and Southwest Asia with Data Science, Imagery and Geospatial Analysis, Multi-Media, and Analytic Methodologists. We were also awarded several subcontractor positions on MACSS.	\$50M
Enterprise Program for Analytical Support Solutions	In the NGA Analysis Directorate, H2M staff are fully engaged in the Office of Counterterrorism (AIT) providing 24/7 Full Motion Video and Geospatial Analysis support, the Office of Analytic Content Services (ASC) providing Multimedia Editor and Visual Information Services, the Office of Counterproliferation providing Geospatial Analysis support, and the Officer of Targeting (AIR) providing Imagery Analysis support. In the Source Directorate, H2M Group staff provide Cartographic production, finishing and ArcGIS scripting services to the Office of Maritime Safety. H2M Group is supporting NGA cartographic and feature extraction through the US Army's Theater Geospatial Database. H2M Group is providing GA and Imagery Science support to the NGIC, and GA support to the MCIA.	\$9M
Enterprise Support to Management	H2M Group staff are providing Cyber Security, Risk Management, Security Control Assessment, Strategic Planning, Geospatial Science, IT Web &	\$8M

and Resources for Technical Services (ESMARTS)	Multimedia, Office Management/Staff Officer, and Technical Training support. H2M Group currently staffs seven of the 17 unrestricted LCATs. Our staff supports the NGA Cyber Security Operations Center (CSOC) in Springfield, VA and St Louis, MO; the NGA Office of the CIO (OCIO); the Human Development Directorate; the National Geospatial-Intelligence College (NGC); and Director of Expeditionary Operations (DOE) Future Manpower Office (DOEMF).	
GEOINT Learning Program (GLP)	H2M Group provides Cyber, GEOINT, and Writing and Briefing instruction to NGA and DoD students. Our instructors have achieved the NGA instructor certifications, and will travel worldwide to teach NGA courseware.	\$2M

Intelligence Services Offered:

Regional Analysis/Human Geography - Our human geographers research, evaluate, and geospatially enable human terrain foundation data for analysis and integration into maps. They maintain a level of readiness (completeness, accuracy and currency) to provide information on-demand, from searchable databases.



Geospatial Analysis - Our geospatial analysts integrate knowledge of imagery and geospatial analysis to maintain a complete and accurate geospatial data solution. They use commercial tools to provide data visualization, modeling, and comparative analysis; addressing complex military and intelligence problems.

Cartography - Our cartographers work on geospatial data requirements, sources, standards, and products. They edit, merge, and/or conflate geospatial content by understanding cartographic principals, products, and compilation techniques; in addition, they also understand imagery types and image interpretation principals.

Imagery Analysis - Our imagery analysts analyze and exploit imagery from multiple sources. They are on the leading edge of the structured observation initiative, performing database maintenance to ensure that their findings are easily searchable.

Full Motion Video Analysis - Our full-motion video (FMV) analysts propagate key information discovered during imagery exploitation by disseminating it in summary reports, detailed mission graphics, database remarks and daily briefings.

Imagery Science - Our imagery scientists utilize knowledge of imaging systems, phenomenology and processing techniques in order to present images and scientific analysis to GEOINT analysts and managers.

Collection Management - Our collection managers master all capabilities, and follow all business processes, of the GEOINT Information Management System (GIMS). They prepare tasking and dissemination based on fluid world events.

Intelligence Analysis - Our intelligence analysts provide thorough research and analysis services to enhance time-dominant situational awareness and knowledge management. They work closely with geospatial and imagery analysts to provide timely and relevant intelligence reports.

Data Science - Our data scientists have knowledge in applied mathematics, programming, and data presentation. They are capable of performing pattern analysis, writing scripts to increase efficiency, and visualizing data both spatially and temporally in order to preform data integrity checks.

Multimedia and Web Content - Our multi-media specialists provide dynamic interactive presentations to support geospatial intelligence (GEOINT) analysis. They are graphics and programming professionals who can enhance information visualization using a variety of software suites, formats and databases to accomplish their mission.

Professional Services Offered:

Corporate Communications - Our corporate communications staff develops and implements internal and external communications. They research, write, edit, and publish communications products (e.g., print, web, electronic, briefings). They provide direction to graphic designers, briefing developers, photographers, illustrators and other required staff.



GEOINT Technical Support - Our GEOINT technical specialists perform research, contribute to the preparation of analytical and technical reports and publications, prepare graphics. They create and maintain databases, summary data, spreadsheets, graphic documents, and maintain web sites. They utilize Geographic Information Systems (GIS) to extract and/or access geospatial information, derivative information and multi-intelligence data.

Information Assurance - Our information assurance specialists develop security architectures and engineering system specifications. They advise and assist on security and privacy policy, enterprise security engineering, penetration and exploitation, insider threat analysis and protection, cyber situation awareness, and attack sensing and warning.

Technical Training - Our technical trainers provide support to implementation of technical training courses. They create, test, and review new and existing courseware. They use Instructional System Design, adult learning methods, activity-based learning events, and on-line real-time collaboration tools to conduct training courses.

IT Web & Multimedia Support - Our IT web & multimedia specialists develop content and maintain associated systems for internal and/or external web sites. They design and build web pages using a variety of graphics software applications, techniques, and tools. They are proficient with web publishing software and protocols, relational databases and CGI scripting.

Office Management/Staff Officer - Our staff officers provide general or specialized administrative support. They schedule and coordinate meetings, calendars, and events; research and analyze information and data to prepare reports, presentations, and papers; and maintain office supplies, and coordinate office moves.

Planning, Policy and Business Analysis - Our planning, policy, and business analysts advise and assist with strategic planning. They perform trade studies and assess trades between functionality and security risk management; develop process improvement recommendations and facilitate quality improvement efforts; formulate internal and/or external policy; and provide assessment and recommendations of new policy or changes.

Process Improvement - Our process improvement engineers apply process improvement, reengineering methodologies, and best practice principles to design and implement process modernization and improvements. They perform analyses, evaluations, and assessments leading to recommendations for process improvements.

Program/Project Management - Our program managers perform day-to-day management of overall contract support operations or delivery order projects. They develop plans, schedules, and resource estimates using established project management standards. They possess experience in federal programs and are credentialed through the Program Management Institute (PMI PMP).

Cyber Security - Our intrusion detection and SIEM audit analysts provide 24x7x365 event monitoring, event investigating, and support the activities and equipment needed to safeguard customer computer infrastructure in multiple locations. Our risk management experts apply pertinent directives to perform the risk tradeoff analysis to implement the policies, processes, and standards to recommend risk acceptance authorization for complex systems. Our security control assessment specialists perform assessments & authorizations scanning, comprehensive testing, penetration testing, reporting and analysis requirements.