

Experts In:

- Web Application Development
- Geospatial Data Integration
- DevSecOps
- C5ISR Systems Integration

Competencies | Differentiators

Agile Software Development with SCRUM Methodology: NGS excels in Agile software development methodologies, particularly SCRUM, ensuring rapid and iterative delivery of high-quality software solutions tailored to client specifications.

DevSecOps Expertise: Leveraging DevSecOps practices, NGS integrates security seamlessly throughout the software development lifecycle, guaranteeing robust protection against cyber threats while maintaining agility and efficiency.

Data Integrations across Key Systems: NGS specializes in seamless data integrations with critical systems such as GCCS-J/A, Link-16, ABCS, and more, facilitating interoperability and data exchange for enhanced situational awareness and decision-making capabilities.

Utilization of Open Source Software for Cost Optimization: By harnessing the power of Open Source software, NGS significantly reduces lifecycle costs for clients while ensuring the delivery of innovative and sustainable solutions.

Web Application Development Excellence: With a proven track record in web application development, NGS delivers intuitive, scalable, and high-performing web-based solutions tailored to meet diverse client needs.

Geospatial Data Integration and C5ISR Systems Expertise: NGS combines geospatial data integration prowess with extensive experience in C5ISR systems integration, enabling comprehensive solutions that empower organizations with actionable insights and mission-critical capabilities.

Past Performance

NGS is a seasoned geospatial development provider, boasting 15 years of expertise and a strong presence within the Geospatial Community, having catered to nearly 15 customers. With a broad user base exceeding 675,000, we ensure exceptional reliability, maintaining a remarkable 99.3% up-time across all systems. Leveraging our proficiency, we seamlessly integrate over 200 unique data types into 7 applications, delivering comprehensive solutions tailored to diverse needs.

JSOC AIDE: Development | Sub Contractor | 2014-Current

Our company has a strong track record of providing software development, systems integration, and GIS implementation services to the J2 directorate in support of AIDE (Automated Information Discovery Environment). We successfully implemented a comprehensive GIS services framework, encompassing basemaps, OpenStreetMap, overlays, automation, and search functionalities, utilizing open-source technology (OGC) and custom application development. Additionally, we served as the lead system integrator for various third-party data integration projects for AIDE, collaborating with platforms such as GCCS-J/A, CIDNE, DDS, CPOF, AFATDS, DCGS-A, ArcGIS, Maxar (DigitalGlobe) EVWHS, OMAR, and ISSE CDS (Cross Domain Solution).

DHA MedCop: Application Development | Sub Contractor | 2020-Current

Our team delivers software engineering, project, and technical leadership support for MedCOP. We successfully developed a customizable dashboard display seamlessly integrating with over 14 Military Health System of Record. Additionally, we implemented cross-domain data replication, facilitating aggregation of theater and strategic-level views across the enterprise

Composite Signatures Program to DIA: Integration | Sub Contractor | 2012-2013

NGS offered GIS consulting and implementation services to Novetta Solutions for a significant intelligence community (IC) program. Our focus was on the collection and analysis of multi-source, multi-discipline intelligence, aiding global anti-terrorism and drug interdiction missions for national security. Our implementation efforts involved integrating ArcGIS Server into an enterprise service-oriented architecture (SOA) and developing custom services and visualization clients to support analytical workflows.

Information Management System: Development | Sub Contractor | 2011-2013

NGS provided ArcGIS software development expertise to Novetta Solutions in its support of a large international program for its customer, the Geneva International Center for Humanitarian Demining (GICHD), a Swiss non-profit. GICHD's mission was to reduce the humanitarian impact of explosive remnants of war (ERW) including anti-personnel mines and cluster munitions across the globe. IMSMA served as an information management system designed specifically for this purpose and was distributed for free to thousands of organizations worldwide contributing to this mission. A custom ArcGIS-based component was crucial to IMSMA's functions as a data collection platform as well as a visualization and analytical tool.

54151 - Computer Systems Design | 541511 - Custom Computer Programming
541512 - Computer Systems Design | 541519 - Computer Related Service

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