



Established in 2007, IntelliGenesis is headquartered in Columbia, Maryland and organized under four (4) divisions: IG Labs, Cyber, Training, and Engineering.



IG Labs Division

Products

CYBERSPAN - AI-Enabled Anomalous Network Detection

- Active Phase II SBIR providing supervised and unsupervised AI Learning models to enable fundamental cyber protection for IT, IoT, and OT

M.A.C.E. - Modular Advanced Cyber Enablement System

- Operational Technology (OT) & Information Technology (IT) hands-on training of Industrial Control Systems (ICS) protocols that can be standalone or networked into a full Cyber Range

KRAKENAI - Generative Artificial Intelligence (GAI)/Large Language Models (LLM) for Cyber Operators

- Cognitive support enhancing analyst decision-making capabilities
- Enable denied area capabilities
- Advance mission through fine tuning data on DoD threat intelligence

NeuralNexus - Machine Learning as a Service (MLaaS)

- Data-agnostic AI integration
- Supports real-time threat detection, active prediction capabilities, behavior analysis, data management, vulnerability assessment, and more

Cyber Division

Offensive/Defensive Cyber Operations (OCO/DCO)

- Full-spectrum cyber experts enabling offensive and defensive operations through data science, digital network analysis, target development, and analytics development for complex discovery
- Cybersecurity and anomaly detection capabilities that identify, attribute, defend, and mitigate malicious cyber activities
- Computer Network Exploitation (CNE) capabilities to understand adversarial strengths and weaknesses

Intelligence Analysis and Reporting

- Analysis to identify, collect, analyze, process, and disseminate critical information and provide efficient signals intelligence (SIGINT) and open-source intelligence (OSINT) analysis and production services
- Analytics development in Python and other languages to enable scripting and automations that increase throughput and improve accuracy

Language Analysis

- Translation, transcription, and reporting on foreign language intelligence from prominent languages to niche dialects
- Direct mission support to real-time analysis, collection activities, and target development/discovery

Services

AI/Deep Learning

- Pre- and Post- Data Processing
- Data Labeling and Ingesting
- Design, Develop, Train, Validate, and Utilize AI/ML Models
- On-prem NVIDIA DGX A100

Advanced Analytics

- Delivering AI-enabled algorithms
- Develop low-code/no-code applications
- Enable rapid prototyping and model protection

GAI/LLM

- Cognitive support solutions to augment cyber operators
- Enable denied area capabilities

Defensive Cyber Operations

- Design, train, and deploy techniques to respond to cyber threats
- Perform open-source threat analysis
- Enable operations in converged (OT & IT) environments



Training Division

Specialized Courses

- Course design and development using our proven IGnuity™ process, creating mission and technical specializations to develop the skills necessary for successful mission execution in dynamic environments
- Customer-focused collaboration to identify mission requirements and integration of firsthand knowledge on the real-world national security and cyber mission challenges
- SIGINT and OSINT mission mentoring, training, and skills development from IC experts in OCO/DCO Tactics, Techniques, and Procedures (TTPs), data science, OSINT, ICS, AI/ML/Deep Learning to increase productivity and mission success

Industry-Standard Certification Courses

- Collaboration with industry leaders NVIDIA and Security Onion Solutions to offer a wide variety of standalone certification courses, mentoring programs, and custom training plans to suit your specific certification needs

Engineering Division

Artificial Intelligence

- Rapid AI capability development and tradecraft advancement to support real-time mission needs
- Predictive analytics and anomaly detection that provide early warning against threats in both cyber and physical domains

Cloud Analytics

- Structured and unstructured data processing to access and manage the unrealized value of big data
- Analytics development using our proprietary development process to increase the insight derived from your data, improve processing efficiency, and maintain compliance

Mission Engineering

- Full-lifecycle development of agile, customizable analytics and cyber solutions to help automate, enrich, and improve operational workflows
- Scalable solutions for Big Data and Cloud analytics using industry-standard technologies like AWS

Operational Optimization

- Agile software development and DevOps processes that ensure code quality, reusability, and adaptability
- Automation of existing technologies through integration of data analytics, trend analysis, enrichment, and reporting abilities

Contract Vehicles

GSA Multiple Award Schedule (MAS)

- Contract Number: GS-35F-460DA
- Ordering Guide available through the GSA MAS website
- Available SINS:
 - 54151HACS - Highly Adaptive Cyber Services (HACS)
 - 54151S - Information Technology Professional Services
 - 611420 - Information Technology Training

Small Business Innovation Research (SBIR) & Small Business Technology Transfer (STTR)

- SBIRs/STTRs allow federal agencies to sole-source contracts without competition for products/services
- **CYBERSPAN** - Machine Learned Cyber Threat Behavior Detection
 - Contract Number: HQ0034-22-C-0006
- **RIALTO** - Forensic Models of Cyberspace Behaviors
 - Contract Number: N68335-19-C-0350
- **WATCHTOWER** - Human Behavior Analytics Tool
 - Contract Number: FA8222-20-P-0012

AI Talent 2.0

- Contract Number: W519TC-23-G-0024
- Ordering Guide coming soon
- Contract Scope: AI/ML/DS-focused Agile Development; Cyber Analytics; Cybersecurity; Security/Development/Operations (SecDevOps); Systems Engineering; ML Model Development, ML Operations, and Applied Data Science

Defense Innovation Unit (DIU)

- Contract Number: HQ0845-20-S-C001DIU
- Ordering available through DIU's Cyber Portfolio Lead
- Contract Scope: Defensive Cyber Operations; Threat Detection; Vulnerability Mitigation; Network Security Monitoring; Platform/Application/Analytics Development; AI/ML Automation

Our Partners



Qualified NVIDIA Partner Network Member

Integrate our capabilities and expertise with leading-edge GPU technology driving AI/ML and Predictive Analytics solutions and tools. Hands-on application of AI/ML/DL capabilities with in-house experts to mentor the next generation of AI/ML/DL innovators and practitioners.



Exclusive GSA Partner with Security Onion

Easy access to Security Onion Solutions Training for detection engineering and analysis tools via GS-35F-460DA, providing suite introduction and best practices for intrusion detection, enterprise security monitoring, and log management.