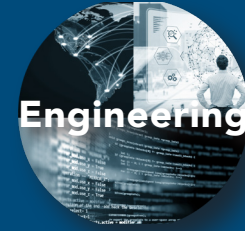




Established in 2007, IntelliGenesis is headquartered in Columbia, Maryland and organized under four (4) divisions: IG Labs, Cyber, Training, and Engineering.



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 & Industry-Standard Certifications

- 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 develop customized hands-on exercises that incorporate real-world data and our firsthand knowledge of 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, ICS, AI/ML/Deep Learning to increase productivity and mission success
- National Cryptologic University (NCU)-accredited curricula (ANSK, DATA, GISA, NETA, NETC, RPTG, SASMO, SIGC, SIGE, SIGF, SIGG, and SIGP), custom in-house technical and tool training (Basic Malware Analysis, Introduction to Python, Cyber Threat Intelligence Tradecraft, Applied Data Science for Cyber Operations), and collaboration with industry leaders like NVIDIA and Security Onion Solutions to offer certification courses (Fundamentals of Accelerated Data Science Using RAPIDS, Security Onion Basic Course, Security Onion for Analysts & Admins, Security Onion Detection Engineering & In-Depth Analysis)

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 available on the IntelliGenesis website
- 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

Department of Defense Cyber Crime Center (DC3) Enhanced Cyber Defense Sensor Program

- Contract Number: FA714623R0008
- Ordering available through DC3's DoD-Defense Industrial Base (DIB) Collaborative Information Sharing Environment (DCISE) website: <https://www.dc3.mil/>. Email: dc3.dcise@us.af.mil. Phone: 410-981-0104.
- Contract Scope: Defending DIB companies from malicious cyberspace threats; Full-lifecycle development of AI/ML-based cyber defense solutions; Physical and virtual network sensor deployment; Threat detection analytics development

Our Partners



**PREFERRED
PARTNER**



Qualified NVIDIA Partner Network Member

Integrate our capabilities with leading-edge GPU technology driving AI/ML and Predictive Analytics solutions. 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.

Advanced Solutions Backed by Dell Hardware

IntelliGenesis partners with Dell to rapidly prototype Cyber AI/ML solutions onto proven Dell hardware platforms. Together, we are able to deploy powerful, reliable, and low cost products to diverse customers within Government and Commercial markets.