

BluePath Labs Overview

2025

BluePathLabs

www.bluepathlabs.com

8(a)/SDVOSB | UEI #N6MATAY6X1L3 | CAGE #60JV7 |
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About BluePath Labs

We combine management expertise, data analytics, and research capabilities to help our clients achieve their mission priorities.

- Small disadvantaged 8(a)/SDVOSB
- NAICS codes: 541512, 541611, 541330, 541990, 541690, 541715, 561110, 541910, 541380, 561410
- ISO 9001:2015 certified quality management, DCAA audited and approved UNANET Timekeeping and Accounting System
- DoD Top Secret Facility Clearance, DOE “Q”, and SCIF Access via Mentor Protégé’
- 30+ Prime Contracts, Excellent CPARs,
- Best in Class Contract Vehicles: GSA PSS, OASIS+, STARS III, SEAPORT etc.
- Department of Energy Small Business of the Year (SDVOSB), INC 5000, Fast 50

Capabilities

- Mission Support Services (People, Process, Technology)
- Data Science including Natural Language Processing, Data Extraction, and Rapid Prototyping
- Critical Technology Protection including national security products written to ICD 203 standards.
- Laboratory Support Services including Cyber, Opioid, Fusion, and Precision Nutrition
- Language Enabled Open-Source Research and Analysis (Mandarin, Russian, Arabic)
- Qual / Quant Industrial Base and Future Tech Trend Analysis

Proven 8(a)/SDVOSB Supporting Complex Missions

Defense

Army Cyber Center of Excellence* – Cyber/ AI researchers at West Point and cyber test range operations.

Army Research Lab* – Future tech analysis leveraging qualitative and quantitative analysis (qual/quant)

Air Force China Aerospace Studies Institute (CASI)* – BluePath stood up a new research office for Air University with language enabled research analysts, and also leads outreach to academia, think tanks, and INTL collaborators.

Air Force 2030: Data analytics and outreach support for AFRL’s “lead-leverage-watch” data driven investment process. Facilitated STI events at Universities nationwide and built “Project Horizon” next gen lit search web application.

DTRA* – Combining authoritative open-source research with fictional intelligence to explore WMD scenarios

NATO* – Support to study China’s Approach to Gaining Military Superiority

Defense client* – Prototyping qual/quant data gathering and fusion analytics for critical technology development

Defense client* – Studying the impact of climate change on military operations including foresight analysis

Civilian

Commerce* – Industrial base studies, national security assessments on critical tech, and supply chain data analytics

Commerce* – Business and financial support to FirstNet oversight and research on AI in emergency response

Energy* – Business, administrative, communications, and records management support for nuclear clean-up

DHS CISA – Provided urgent stakeholder engagement for Ransomware and ICS cyber attacks

DHS ICE* – Long range requirements, acquisition planning, and financial analysis

DHS CBP* – 24x7x365 technical watch-floor for opioid interdiction (NTC) and providing field laboratory support

Department of State – Denying adversaries access to dual-use technologies through International outreach

GSA* – Developing big data dashboards for tracking and improving efficient spending across Government.

*BluePath Prime Contract

REPRESENTATIVE SPECIALIZED CAPABILITIES

Technology Development and Protection

We provide researchers, program, analysis, and technical support

Technology Development

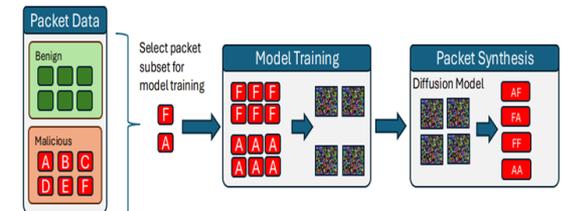
- Army Cyber Center of Excellence (Army, DARPA, IC): Research on Generative Artificial Intelligence for Cyber Operations, Assessment of Intelligent and Assured Autonomous Cyber DSS, Trustworthy, Robust & Interpretable Neuro-Symbolic World Modeling/Reasoning, Bias Effects and Notable Generative Artificial Intelligence Limitations, Tactical Explainable Assured Machine Learning, etc.
- Lawrence Livermore / DOE: LaserNet program support, horizon scanning, trend and funding analysis, and market research.
- Air Force Research Lab: STI event facilitation, tech watch, T2 process improvement
- Army Research Lab: Future tech and research impact evaluations.
- DOD Information Analysis Centers (DS, HD, CS): Technical Inquiry Support



PROTECT: Automated Dashboard Generation for Simulated Adversarial Attacks

Technology Protection

- Technology TRL Levels 4-9: BluePath supports the Department's of Commerce, State, and Defense with industrial base analysis, technology assessment, policy and regulations, stakeholder outreach, and HR, training and education support focused on balancing adversarial access to critical technologies with national and business economic competition considerations. Conducts research and analysis on foreign adversarial capital using D&B Hoovers, Bloomberg, Pitchbook, Lexus Nexus, and native sources.
- Technology TRL Levels 1-3 – BluePath the BlueScout S&T protection platform by combining qual/quant data to show global affiliation, collaboration, and funding network S&T risks (as well as funding and partnership opportunities). BluePath is now building an Open Publication Platform (“OSCAR”) under a Navy Phase 1 SBIR to improve peer review, public access, and research quality/reproducibility.



Generative Artificial Intelligence for Cyber Operations

Data Science (AI/ML, Computer Vision, etc)

We build secure enterprise platforms using modern technologies

Platform / Tools

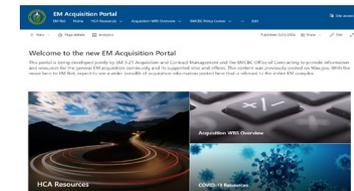
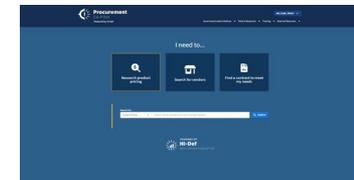
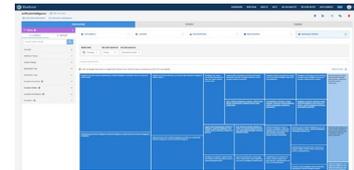
BlueScout uses the latest AI/ML tools to mine hundreds of millions of CAI and PAI documents and BluePath entity data to dynamically generate knowledge graphs on research topics and entities of interest including support for semantic search, network analysis, trend analysis, and research security (NSPM-33 funding, affiliation, and collaborations with banned and military affiliated orgs).

GSA's Procurement Co-Pilot is a market research tool built that provides unparalleled access to gov-wide prices paid contract data for products, demonstrating the power and potential of gov-wide acquisition data in a future Hi-Def Environment powered by NLP and the latest data extraction techniques and technologies.

The Department of Energy's (DOE) Environmental Management Acquisition Portal (EMAP) was built on a low code / no code platform to support DOE procurement repeatability processes, operations, document management and workflows. BluePath won DOE's Small Business of the Year Award for this effort.

The China Aerospace Studies Institute (CASI) knowledge management portal serves as a data clearinghouse, translation, and collaboration center for Air Universities' open-source research team and its partners. The portal includes a data pipeline that uses computer vision, commercial, and custom translation dictionaries to process and translate terabytes of Chinese military newspapers.

Screen Shots

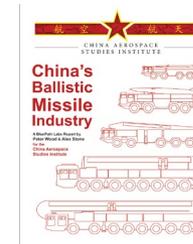
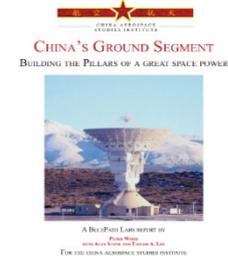
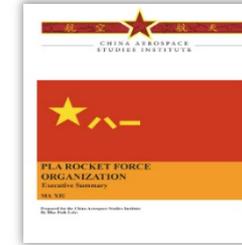
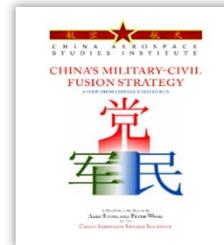


Open-Source Research

We publish deep dive, Open-Source analyses of native-language technical primary source documents (China and Russia) pertinent to S&T competition and the military.

Topics include:

- S&T labs landscape
- Military-civil fusion
- Rocket Forces
- Strategic Forces
- Hypersonics
- Aerospace
- Space
- Industrial Base Studies
- Taiwan
- Dual-use technologies
- Chokepoint technologies
- Future Scenarios
- Perceptions of Power
- Human Domain



BluePath also publishes monthly columns with best-selling author and leading military futurist Peter Singer in *Defense One's* China Intelligence Blog.

<https://www.bluepathlabs.com/china-research.html>

Thank you

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