

The following highlights some of the technology areas where Patriot Labs is actively seeking industry collaboration based on: (a) innovative capability, product, or service offerings; (b) understanding of supportive emerging technology or trends; and/or (c) having relevant technical know-how, expertise or experience. Please identify ALL relevant areas of interest.

INDUSTRY SECTORS (check all that apply)		
<input type="checkbox"/> Communication	<input type="checkbox"/> Financial	<input type="checkbox"/> Information Technology
<input type="checkbox"/> Defense	<input type="checkbox"/> Health Care	<input type="checkbox"/> Materials
<input type="checkbox"/> Energy	<input type="checkbox"/> Industrial	<input type="checkbox"/> _____

* Industrials includes aerospace, equipment, machinery, manufacturing, retail, transportation, etc.

TECHNOLOGY DOMAINS (check all that apply)		
<input type="checkbox"/> Aerospace	<input type="checkbox"/> Data Science	<input type="checkbox"/> Life Sciences
<input type="checkbox"/> Automated Systems	<input type="checkbox"/> Defense (military)	<input type="checkbox"/> Manufacturing
<input type="checkbox"/> Automation	<input type="checkbox"/> Electromagnetic Technologies	<input type="checkbox"/> Materials and Structures
<input type="checkbox"/> Autonomic (wearables & augmentation)	<input type="checkbox"/> Electronics	<input type="checkbox"/> Networks and Components
<input type="checkbox"/> Autonomy	<input type="checkbox"/> Energy Infrastructure	<input type="checkbox"/> Power Generation
<input type="checkbox"/> Big Data	<input type="checkbox"/> Fintech	<input type="checkbox"/> Spatial Computing
<input type="checkbox"/> Components and Equipment	<input type="checkbox"/> Informatics	<input type="checkbox"/> Supply Chain
<input type="checkbox"/> Computing	<input type="checkbox"/> Infrastructure	<input type="checkbox"/> Utilities
<input type="checkbox"/> Critical Infrastructure	<input type="checkbox"/> Intelligence (military)	<input type="checkbox"/> _____

CAPABILITY FOCUS AREAS (check all that apply)		
<input type="checkbox"/> Additive Manufacturing	<input type="checkbox"/> Digital Twin & Virtual Simulation	<input type="checkbox"/> Nontherapeutic Biotechnologies
<input type="checkbox"/> Advanced Analytics	<input type="checkbox"/> Directed Energy & Disruptive Energetics	<input type="checkbox"/> Omics (Genomics, Proteomics, Multi-omics)
<input type="checkbox"/> Advanced Manufacturing & Production	<input type="checkbox"/> Edge Computing & Embedded AI	<input type="checkbox"/> Process Automation (RPA and IPA)
<input type="checkbox"/> Advanced Materials	<input type="checkbox"/> Energy Storage Technologies	<input type="checkbox"/> Propulsion Technologies and Systems
<input type="checkbox"/> Advanced Networks & Wireless	<input type="checkbox"/> Generative AI	<input type="checkbox"/> Quantum Technologies
<input type="checkbox"/> Advanced Nuclear Energy	<input type="checkbox"/> Human-Machine Interfaces	<input type="checkbox"/> Radar Applications & Systems
<input type="checkbox"/> Artificial Intelligence (AI)	<input type="checkbox"/> Human-Machine Teaming	<input type="checkbox"/> Radio-frequency (RF) Technology
<input type="checkbox"/> Authentication and Security	<input type="checkbox"/> Hypersonics	<input type="checkbox"/> Renewable Energy
<input type="checkbox"/> Autonomous & Unmanned Systems	<input type="checkbox"/> Immersive Technologies (VR, AR, MR, XR)	<input type="checkbox"/> RF Materials and Components
<input type="checkbox"/> Autonomous Agents	<input type="checkbox"/> Infrastructure Security & Grid Modernization	<input type="checkbox"/> Robotics & Machine Automation
<input type="checkbox"/> Blockchain & Distributed Ledger	<input type="checkbox"/> Instruments and Payloads	<input type="checkbox"/> Sensors & Sensor Fusion
<input type="checkbox"/> C4ISR Systems & Technology	<input type="checkbox"/> Integrated Communications Technologies	<input type="checkbox"/> Simulation, Modeling & Virtualization
<input type="checkbox"/> Cognitive AI and Explainable AI	<input type="checkbox"/> Logistics & Supply Chain	<input type="checkbox"/> Space Technologies and Systems
<input type="checkbox"/> Computer Vision	<input type="checkbox"/> Machine Learning (ML) & MLOps	<input type="checkbox"/> Sustained Autonomy
<input type="checkbox"/> Cyber Solutions & Resilience	<input type="checkbox"/> Medical Devices (wearable & diagnostic)	<input type="checkbox"/> Synthatic Data Generation
<input type="checkbox"/> Data Centricity & Data Fusion	<input type="checkbox"/> Microelectronics and Semiconductors	<input type="checkbox"/> Synthetic Biology
<input type="checkbox"/> Data Mesh & Data Fabric	<input type="checkbox"/> Microstructural Analysis & Material Design	<input type="checkbox"/> Therapeutic Biotechnologies
<input type="checkbox"/> Data Visualization & Knowledge Graphs	<input type="checkbox"/> Networks & Network Applications	<input type="checkbox"/> _____

Identify below any disruptive innovations, emerging technology, or transformation solutions NOT included or implied in the above sections; and where you have access, awareness, or relevant experience.

OTHER INNOVATIONS, TECHNOLOGY, OR SOLUTIONS		
1.	3.	5.
2.	4.	6.

Please complete all applicable sections and return to: industry@consortia.patriotlabs.us.