



SOMD Tech Bridge Overview

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The Patuxent Partnership

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What is NavalX?



NavalX serves as the Department of Navy (DON) workforce "super-connector," focused on scaling non-traditional agility methods across the DON workforce. Our Naval culture of decentralized autonomy has been described as an innovation landscape marked by isolated and short-lived bursts of success.

The approach is to connect to these isolated pockets of excellence to capture and scale the methodologies being employed, increasing awareness of cross-Department of Defense (DoD) and external successes, lessons learned, and subject matter experts.

NavalX was formally announced in February 2019, as a direct-report initiative under the Assistant Secretary of the Navy for Research, Development, and Acquisition (ASN RDA).



Launch Platforms

Seaside Chats, Workshops, Human/Warfighter Centered Design, Training Events.



Awards & Stories

Recognize community through continuous awards & stories to incentivize agility behaviors.



Playbooks

Codified methods and tools, created by the user community and maintained by practitioners.



Tech Bridges

Connecting the workforce to other agencies, small businesses, startups, non-profits, academia, and private markets.



What is NavalX?

NAVALX is

- **Building networks, breaking down silos, and connecting people!**
- **Accelerating the pace of discovery, learning, experimentation**
- **Making change easier within the Navy Research & Development Enterprise**



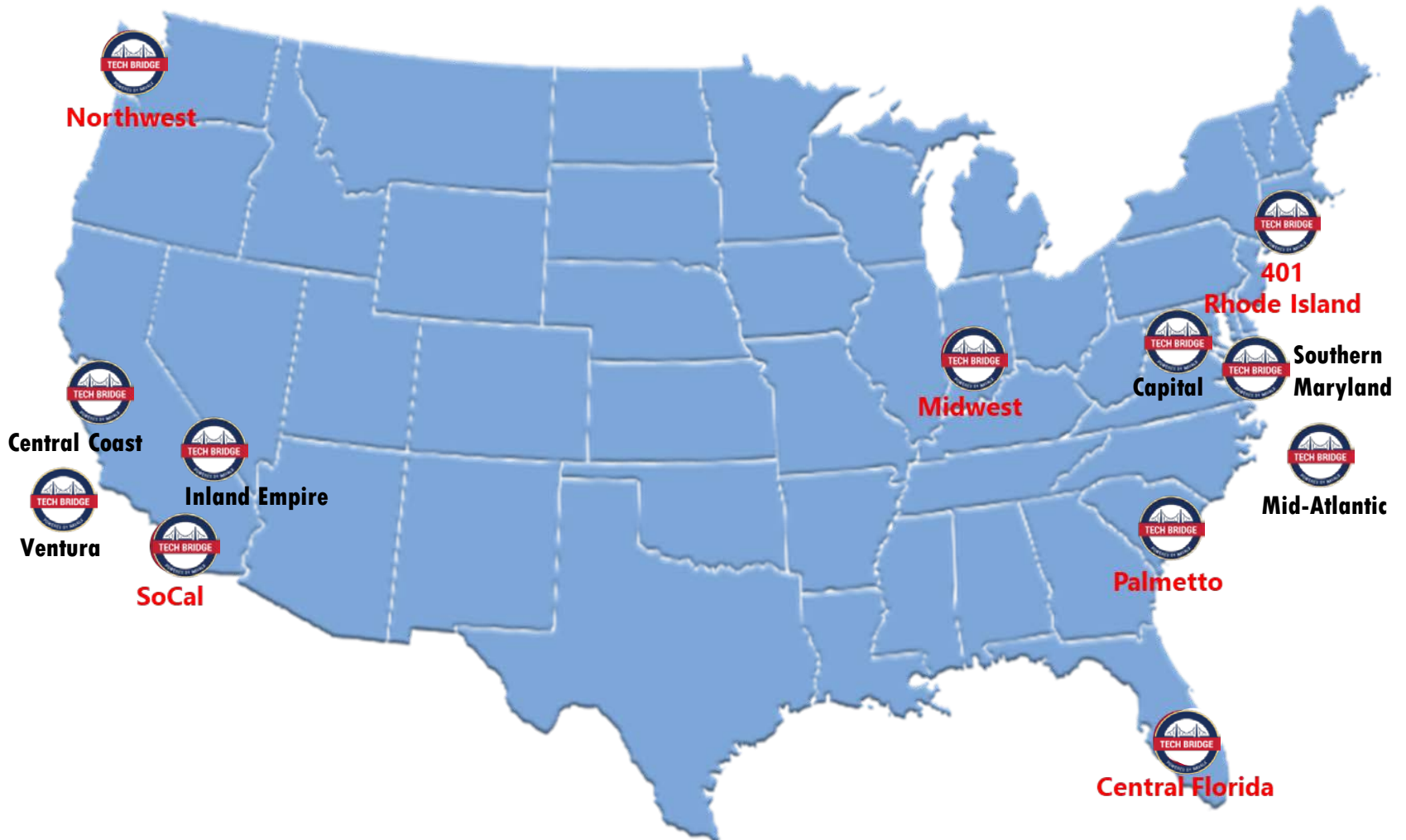
What are NavalX Tech Bridges?

NavalX Tech Bridges is a **PLATFORM** to **CONNECT, REINFORCE,** and **SUSTAIN** innovation clusters across various regions where there is a tightly linked DON partner.

The Platform is a coordination element and innovation **catalyst** to **connect** the DON workforce with start-ups, academia, corporations, small businesses, non-profits, private capital, and government entities to allow for greater collaboration. In order to achieve and maintain a connected **innovation cluster**, the Tech Bridges will facilitate these engagements in off-base locations.



NavalX Tech Bridge Network





Platform Elements

- Industry & academic engagement through collider events
- Enable partnerships to get innovative technologies to the Naval Warfighter faster
- Harness technology in the private sector and academia
- To be a single point of entry for industry & academia into the DoN R&D Enterprise
- Connect to Navy/USMC programs for requirements, funding paths, and user/warfighter feedback
- Facilitate agile contractual & partnership approaches to enable collaboration through increased awareness within program offices (SBIR, OTAs, Grants, Prize Challenges)
- **Tech Brides are not a source of funding or independent acquisition authority**



Innovation & Outreach

- Increased communication on non-FAR innovation pathways internally and externally
- Increased opportunity to participate in ANTX and Naval Fleet Exercises
- Virtual Pitch sessions around targeted tech areas
- Prize challenges
- Offsite Collaboration Space
- Continued focus on traditional “spin-out” technology transfer

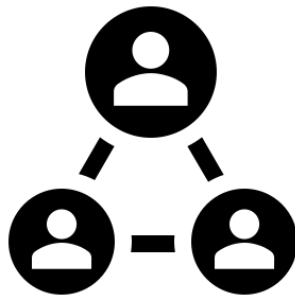


Tech Bridge Components

Innovation Group



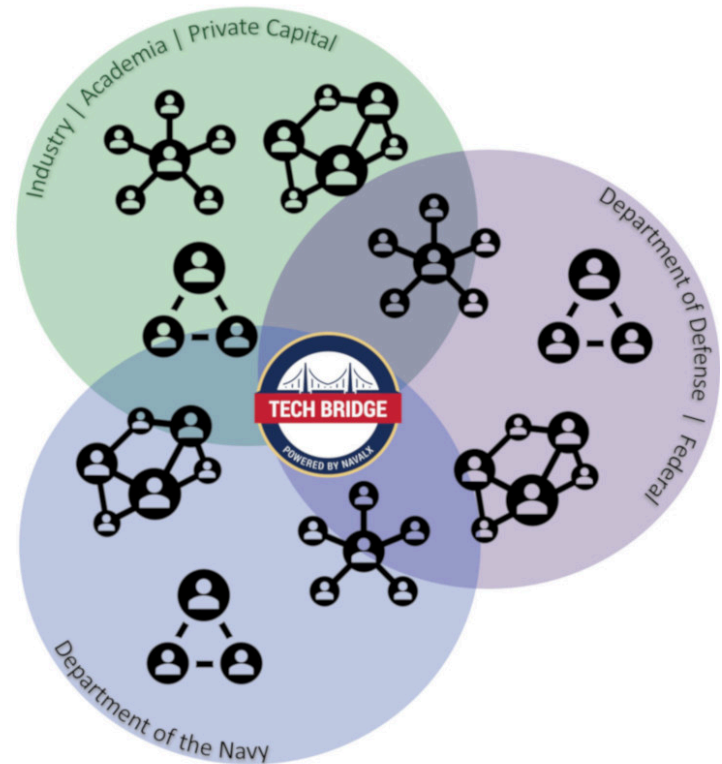
Coordination between cells



Navy-wide coordination



Regional ecosystem





NavalX Connector Tool (NCT)

- Single entry point to the Navy R&D Enterprise to bring awareness of technologies
- Partner capability and engagement tracking

Under development:

- Connected to open BAAs across DON
- Broad utilization by program offices and warfare centers

Register at:

<https://navalx.navy.mil/industry>



Examples

- Sold State Hard Drive Health Monitoring Software Prize Challenge
- Blue Water Ship based Logistics unmanned aircraft Experiment (ANTX)
- Tactical Unmanned Resupply aircraft
- Multi-mission Unmanned Aircraft Model based design challenge



Timeline



- Partnership Intermediary Agreement (PIA) awarded to Georgia Tech Research Institute

- OTA Consortium awarded to Consortium Management Group (CMG)

- ASN(RD&A) launched SOMD Tech Bridge

- NavalX Connector Tool
- ANTX Industry Participation
- Off-site location
- Increased projects through innovation pipeline



SOMD Tech Bridge

US Naval Academy



UMD, GTRI



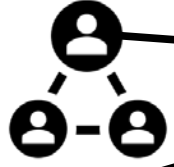
Industry



NSWC Indian Head



NRL



ONR, SBIR, OPNAV, DoD



MEPs, TEDCO, Maryland DefTech, FedTech



TPP, PTAC, SBDC, TechPort



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Thank you.

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