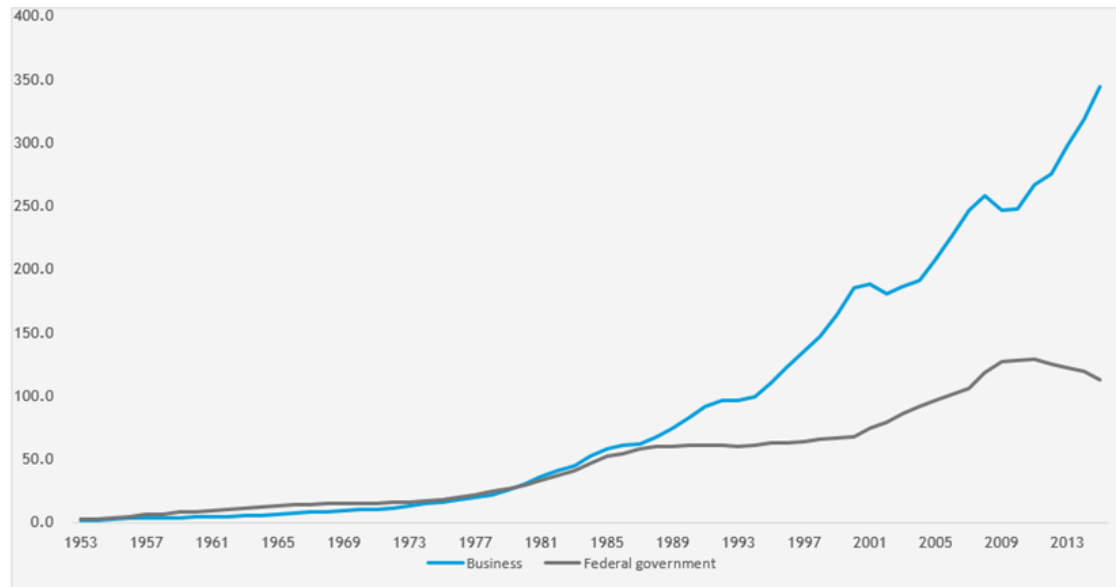


More Agile Innovation is Critical

DoD No Longer Drives the Nation's Innovation Ecosystem

R&D Spending



Source: National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey.

Keep Pace
with the Speed
of Innovation

Rapidly
Changing
Combat
Environment

Regain Ground
on Fielding
Technology

Leverage
Commercial
Applications

“I realize that doing business with DOD is not always easy.”

Deputy Secretary of Defense Kathleen Hicks



Central Florida Ecosystem

Community (DoD lead)

- Governed by Charter and CONOPS
- Collaborating and sharing Government focused information and ideas at the executive and senior leader level



Capability

- Governed by PIA and CONOPS
- Physical and virtual environment
- Collaborating at a tech innovation level



Enabler

- Governed by NavalX – ASN RD&A
- Provides connectivity/support to other Navy ecosystems, SMEs and barrier removers
- Node on the Network

Southern Maryland Ecosystem

Community (DoD lead)

- Collaborate, share Government focused information & ideas at the executive and senior leader level



Capability

- Governed by PIA and CONOPS
- Southern MD TechPort
- Industry/academia engagement
- Physical and virtual environment collaborating at a tech innovation level

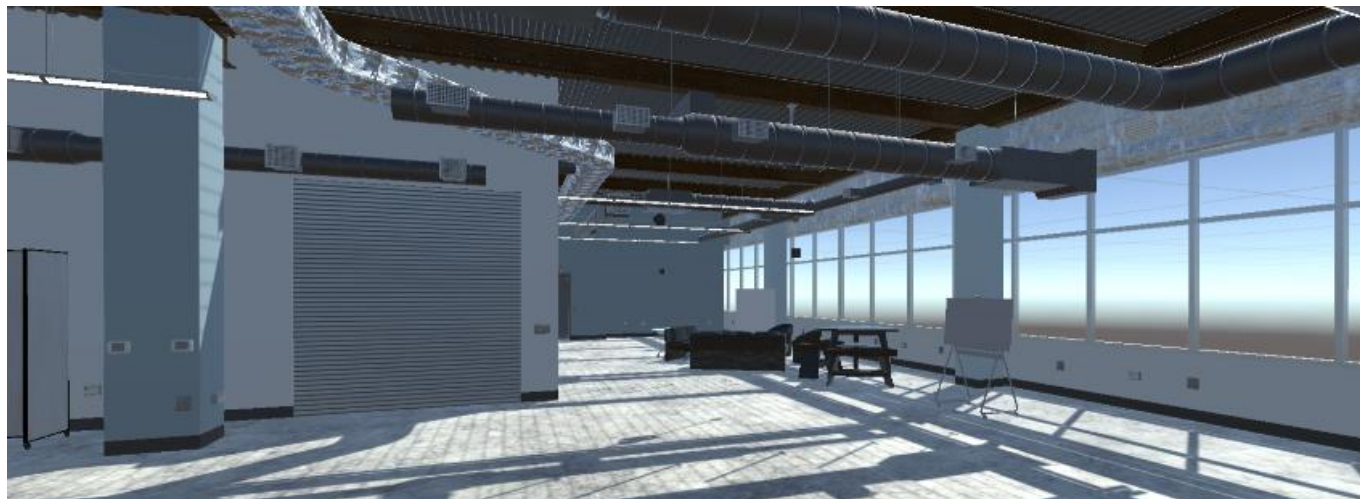


Central Florida Tech Grove

An innovation partnership specifically created to foster collaboration and acceleration of novel Modeling, Simulation, Training & Human Performance technology transfer solutions for our national security members and increase the Defense Industry Base (DIB)



Innovate. Collaborate. Accelerate.



Modeling, Simulation & Training Focus

HUMAN PERFORMANCE

CYBERSECURITY



AI - HMI

Uncovering and adapting Artificial Intelligence (AI) innovations that unlock and enhance human-machine interactions



XR – VR/AR

Improving human performance with use of advanced XR technology, 5G networking & enhancing integration of systems

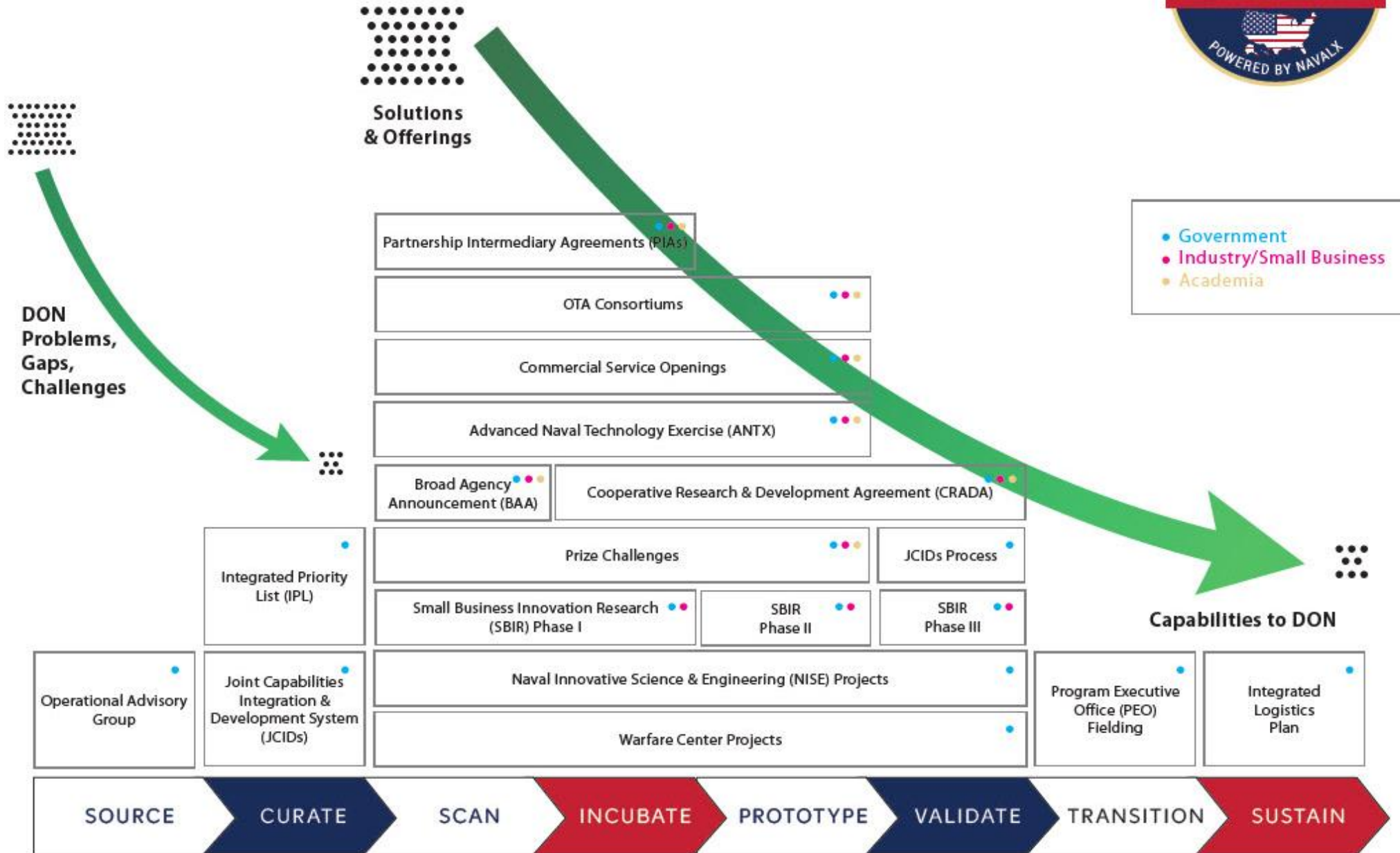


LVC - STE

Expanding the adoption of Live, Virtual & Constructive (LVC) and Synthetic Training Environment (STE) tools and solutions

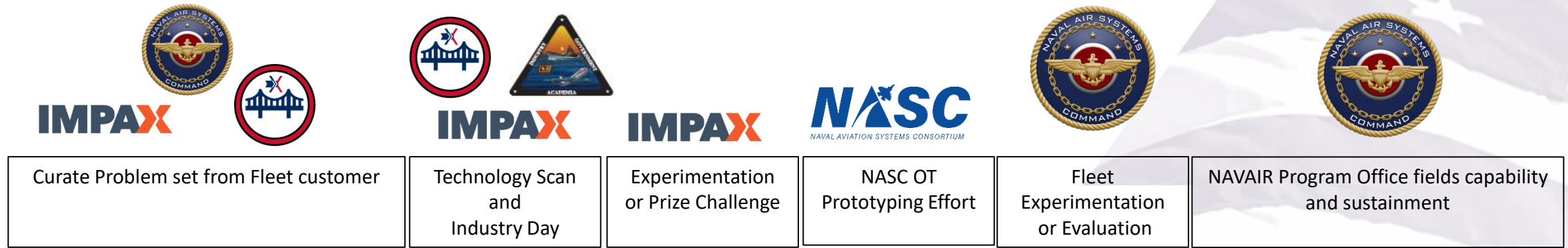
| | | | | |
|------------------------------------|---------------------|------------------|--------------------|-----------------------|
| Virtual, Augmented & Mixed Reality | Optics & Photonics | Sensors | Game development | Human Performance |
| AI/Machine Learning | Autonomous Systems | Data Sciences | Medical simulation | Psychology |
| Cyber Security | Systems Engineering | 5G Applications | Learning sciences | Computer Science |
| Instructional Systems Design | Human Factors | Team Performance | Cognitive Sciences | All Engineering areas |

Innovation Pipeline Vehicles





Example of Accelerating Capabilities



Team Orlando Successes

- Increase the DIB – Events, Comms & Colab
 - Connect Webinar Series
 - Juice Bar – Small Business Topics
 - SBIR Partnership Showcase
 - Game Jam
 - STARBASE Central Florida
- T2 - Innovation Cells
 - LVCDOC
 - Cyber Red Zone Range
 - AR/VR Buffet
 - Pilot Training Next (PTN)
 - MRTS 3D®
- Hard Problems – Problem Grove
 - Hacking 4 Defense
 - NSIN (internships, problem solving, hire-a-thon)
 - Armed Forces Jam
 - Workforce Development
 - Collaborative Project Orders



Workforce Development

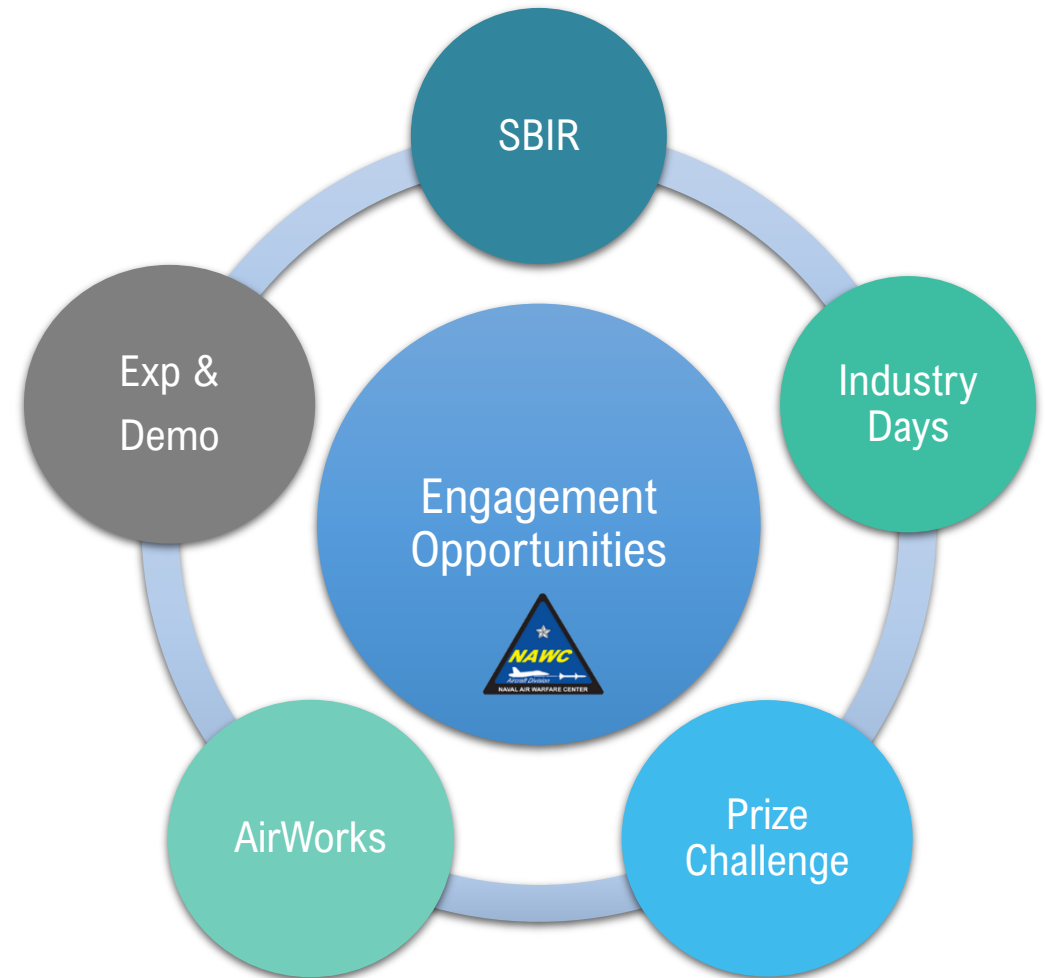
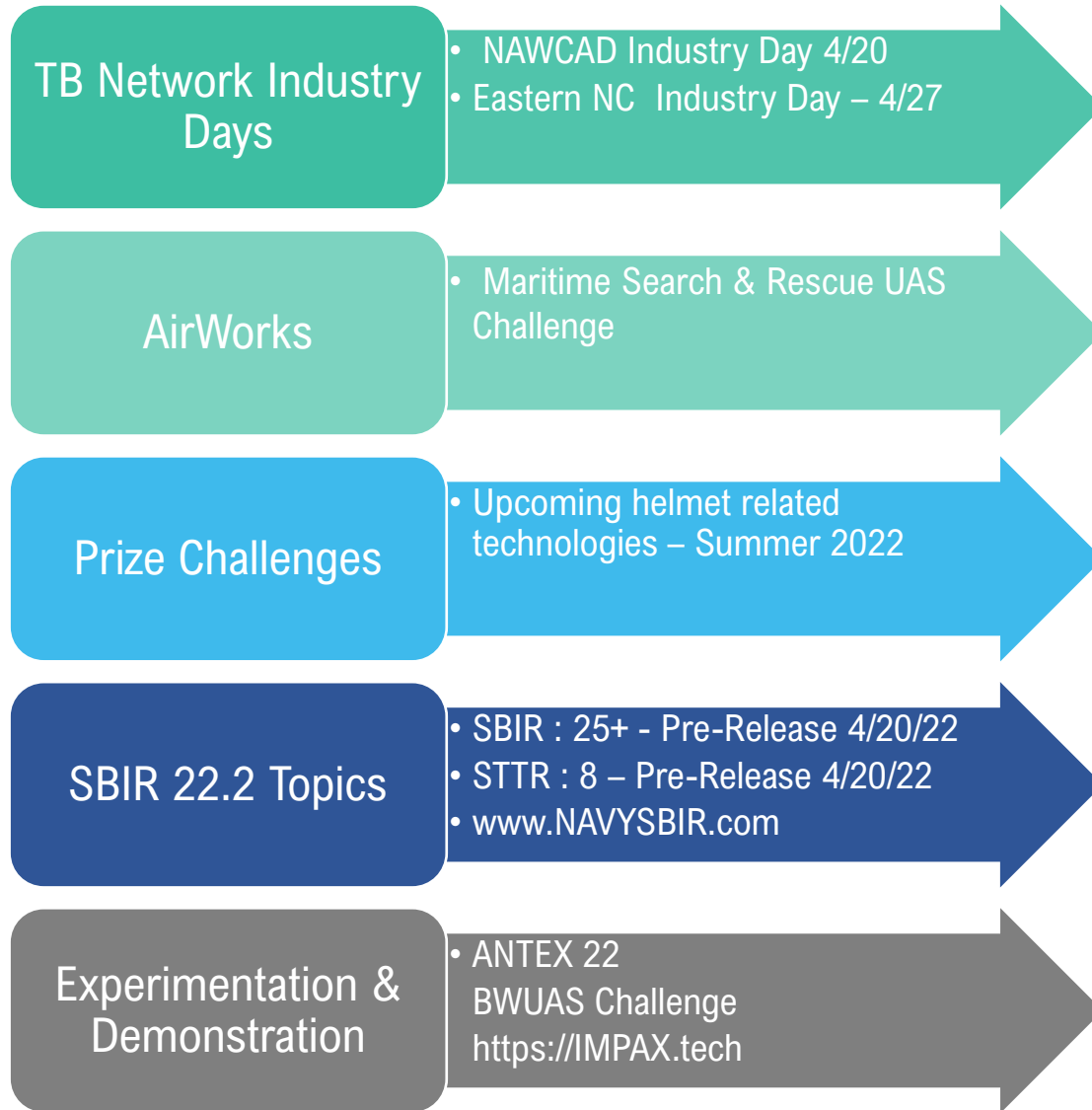
- TOPS– Design Thinking Events
- APx – Cultivate, Learn, Identify, Broaden
- Other Transaction Authority (OTA)

Talent Pipeline

- Team Orlando STEM
- Gains in Education and Math (GEMs) Camp
- STARBASE Central Florida



Opportunities to Engage in Southern Maryland



Check out NAWCAD's Patent Portfolio





Opportunities to Engage in Central Florida

TSIS
Training and Simulation Industry Symposium



PALT
Procurement Administrative Lead Time

GS15

TOSBRT
Team Orlando Small Business Roundtable

GS14

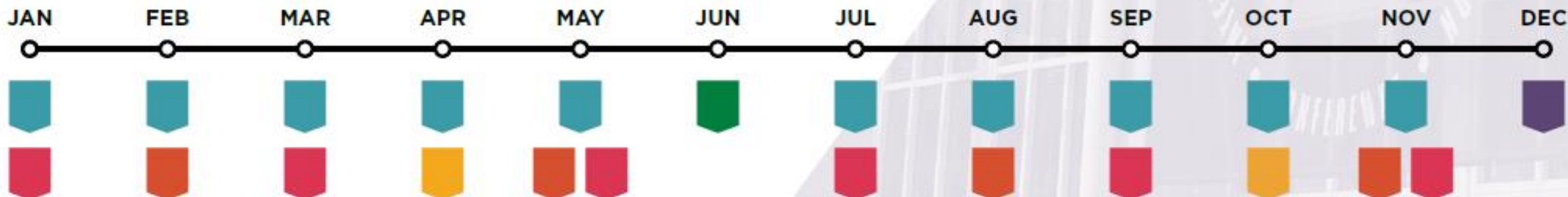
APx
Acquisition Process Exchange



I/ITSEC
Interservice/Industry Training Simulation and Education Conference



ICD
Industry Capability Day



Opportunities to Engage in Central Florida

Monthly:

2nd Wed: Project 160/Tech Grove Juice Bar

2nd Thurs: NTSA/Tech Grove Connect Webinar

Quarterly:

28 Apr - Tech Grove Mixology – “AI in Training”

25 May - Innovation Showcase Day – “AI in Training”

Semi-annual:

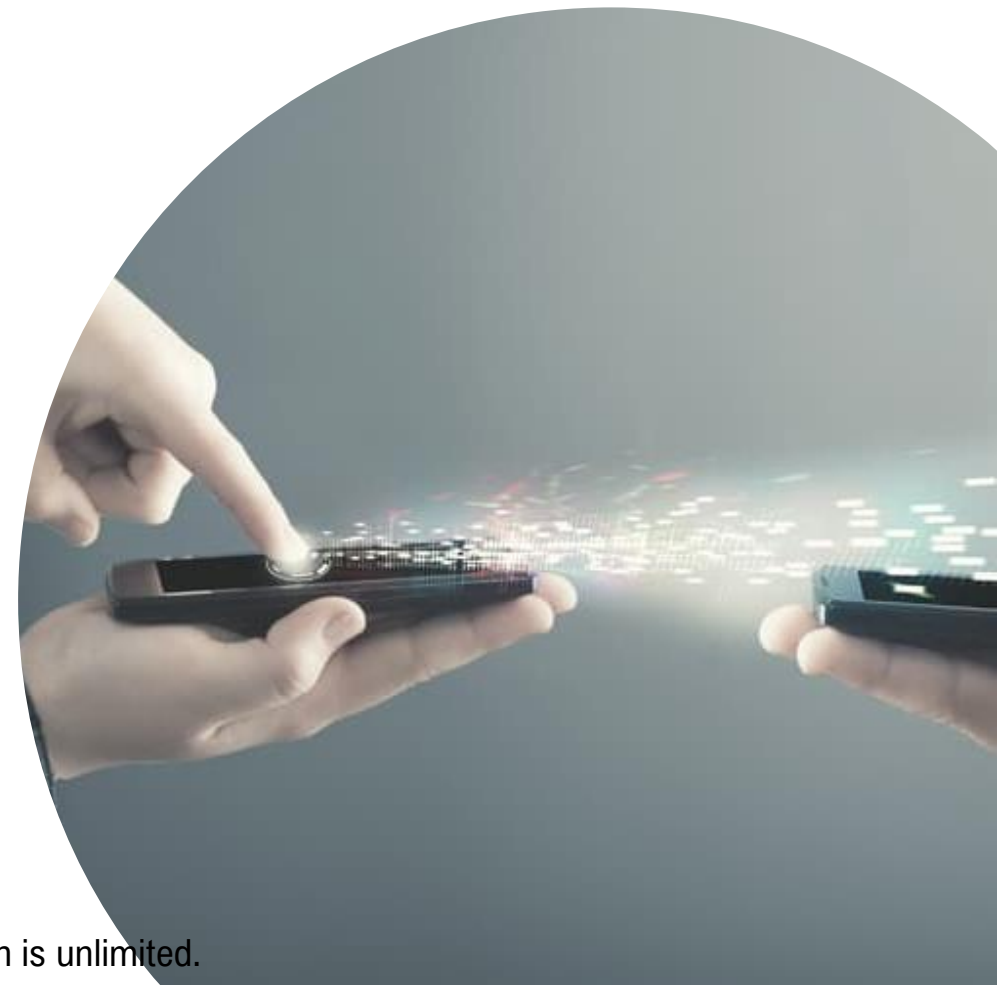
27 Jul - University DOD IP Showcase

3 Aug - Project 160 Lab Expo

Annual:

23 Jun - Team Orlando SBIR/STTR Partnership Day

Sept – Armed Forces Jam



Let's Connect!



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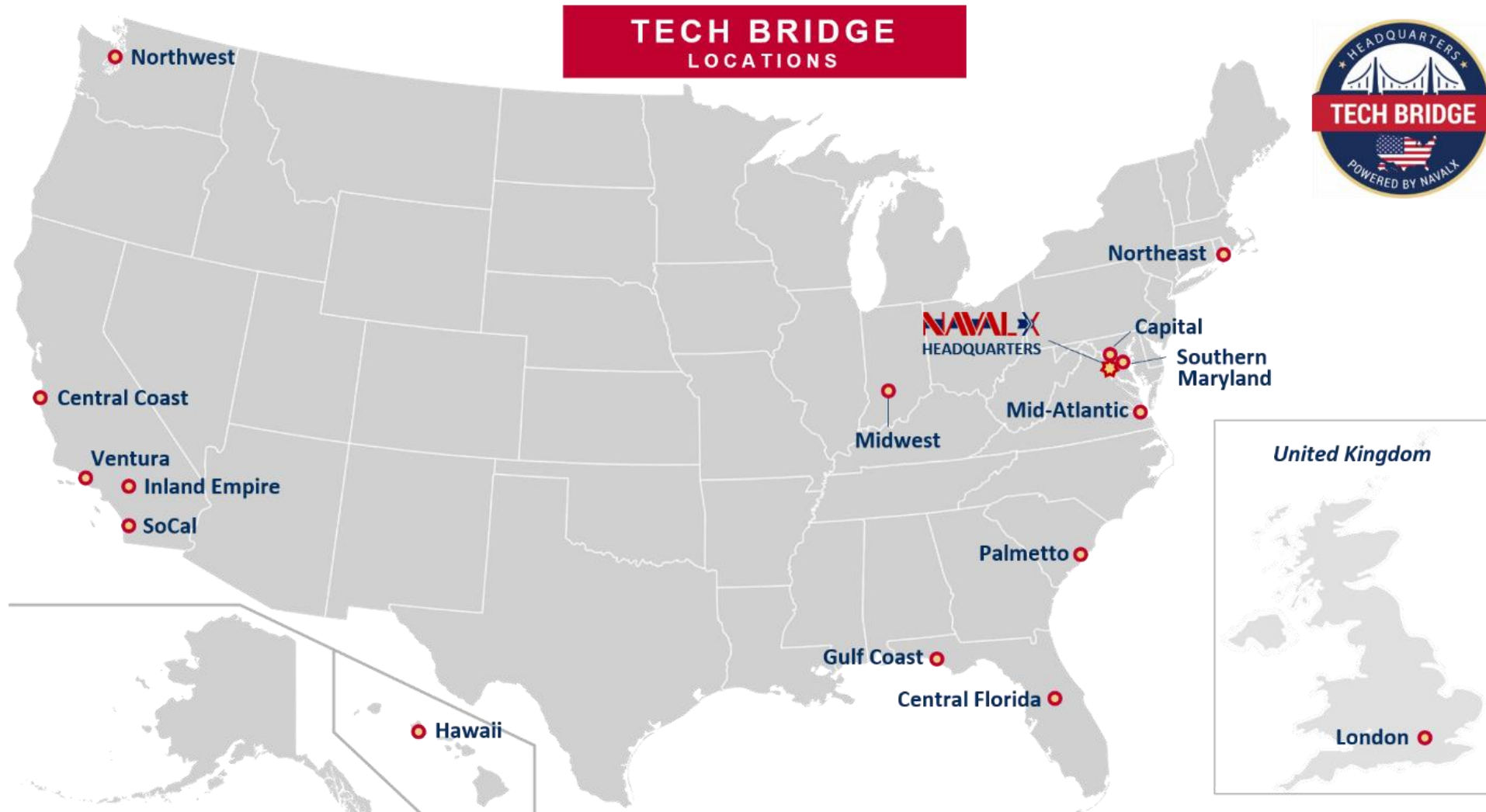


Richard Tarr

- richard.p.tarr2.civ@us.navy.mil

Back-up

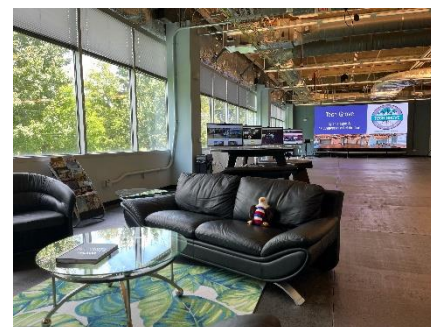
NavalX Tech Bridges Ecosystem of Ecosystems



NavalX Tech Bridge network- a 15 node ecosystem of ecosystems (and growing)



Innovate. Collaborate. Accelerate



Innovation Grows Here!