

Discover The Hub

Located in the heart of the St. Petersburg Innovation District, the Maritime and Defense Technology Hub brings together the triple helix of innovation: industry, government, and academia under one roof.



MARITIME + DEFENSE TECHNOLOGY

Unique attributes

Port access

Directly across Tampa Bay
from MacDill Airforce Base

Multiple SCIFs

Wet and chemical laboratories

Conference rooms

Connect with The Hub: hub@stpeteinnovationdistrict.com



The Hub is managed by the St. Petersburg Innovation District

The St. Pete Innovation District is a public private partnership spanning one square mile south of downtown St. Petersburg, Florida. The District area is professional home to thousands of scientists, doctors, technologists, educators and entrepreneurs working together to solve critical challenges that have local, national and international impact. Members of the Hub, along with experts from two hospitals, a university, a world renowned media school, a unique museum, a business incubator and several public and private research organizations collaborate to foster job growth, economic development, and learning and inspiration. stpeteinnovationdistrict.com



Applied Technology Solutions is a private intelligence and data analytics company that specializes in the fusion of big data with advanced analytics, cutting-edge location data, artificial intelligence, and machine learning to assess threats, mitigate risks, and empower investigations. appliedtechsolutions.io



Aurora Borealis Networks specializes in universal satellite communications solutions in the maritime, mobility, and defense sectors. Our clients receive personalized design-built-managed networks, allowing them to achieve operational excellence for their core remote communication requirements. Our focus on cloud-hosted, software defined capabilities sets our customer's networks in position for future waves of innovation. auroranetworks.io



Blue Ring Imaging develops Augmented Reality (AR) and Virtual Reality (VR) Human Machine Interfaces (HMI) for maritime and subsurface vehicles including ROVs, UUVs, submarines, and ships. As part of the AR/VR interface geared for pilots and operators, we offer add-on specialized tools including 360 3D camera hardware, virtual trainers, and database solutions for Artificial Intelligence (AI) and Machine Learning (ML) and autonomy training. blueringimaging.com



The DarkStar Group is a St. Petersburg based technical services company with additional work locations in the Washington, DC area. DarkStar's mission is to apply smart people to our National Security Customers' hardest problems. We bring highly-cleared, highly-skilled Computer Scientists, Engineers, and Analysts to the most critical technical programs in the Intelligence and Defense Communities. Our core capabilities include Software & Systems Engineering, Data Science & Analytics, Cyber Security & CNO, and Cloud Computing & IT Services. thedarkstargroup.com



The harmful algal bloom group at the **Florida Fish and Wildlife Conservation Commission-Fish and Wildlife Research Institute** maintains a suite of technology for red tide observation and research in the Hub. This includes instruments like autonomous imaging flow cytometers, microscopes, in situ water quality sensors, simplified red tide detection systems appropriate for citizen scientists, programmable sediment traps, and a cell sorter. Whether deployed on a dock or utilized benchtop in the lab, these technologies generate complex data streams and can require special tools - like artificial intelligence - to help learn more about how red tide responds to its environment. myfwc.com/research



The **Florida Flood Hub for Applied Research and Innovation**, established within the University of South Florida College of Marine Science, coordinates efforts between the academic and research institutions of the state. We engage these institutions, private partners, and financial sponsors to coordinate efforts to support applied research and innovation to address the flooding and sea level rise challenges of the state. usf.edu/marine-science



Gates Defense is focused on protecting the lives of those operating in highly complex environments. Airbox Systems US, a joint venture between Gates Defense and Airbox Systems UK, allows the US government and commercial sector to have access to the most enhanced situational awareness capability on the market. We provide end users with an advanced interface for asset tracking, communications, and sensor visualization, while keeping the command informed, and putting teams at the edge in the nexus of information flow. gatesdefense.com



Lognovations has developed a portfolio of patents that maximize the ability to use data while compressed or encrypted. We license the use of our software around these patents to reduce the TCO (total cost of ownership) of data in the cloud or on premise, while providing provably higher security of data; in transit, at rest, and during compute. lognovations.com



Lonestar Data Holdings Inc. (Lonestar®), headquartered in the Hub, was founded by a proven team of experts from the Cloud and Space verticals to pioneer a future for data at the edge for all of us. We are fueled by remarkable and visionary investors led by Scout Ventures, Seldor Capital, and 2 Future Holding. lonestarluna.com



Pole Star Defense is focused on turning complex high-fidelity, geospatial data into actionable insight for critical government and defense operations. We develop customizable, secure, and scalable solutions to enable mission-critical decisions and mitigate risk across all facets of maritime activity - from the monitoring of territorial waters, to in-depth vessel investigations, port and coastal surveillance, maritime safety, regulatory conformance and more. polestardefense.com



PowerBridge Holdings assembles, tests, configures, and packages state-of-the-art supercapacitors. The supercapacitors can serve as stand alone energy storage units or configured within various renewable energy systems. powerbridgeholdings.com



PVM has leveraged its experience to perform technical engineering services within large, complex software systems involving big data since 2010. PVM is committed to diversity, collaboration, and authenticity. We channel those qualities into engineering practices that are laser-focused on success for our clients in the federal, state, and private sectors. PVM is proud to call the Hub home and is the largest minority-owned technology firm in St. Pete. We use our data expertise, cloud technology knowledge, and software development acumen to help provide solutions for the city and the larger Tampa Bay area. pvm.it.com



Real Random's mission is to help make a safer Internet by providing true randomness for real security. In modern cryptographic systems, security is largely based on algorithms that can be reverse engineered, making them increasingly vulnerable to threats as technology advances. To inhibit these attacks, our solution supports network security by providing a consistently reliable source of unpredictable numbers—in other words, true randomness. realrandom.co



The **Saildrone Operations Hub** in the Innovation District is a strategic support center for our uncrewed surface vehicle (USV) missions. The local team supports critical missions using Saildrone USV's that deliver high-quality, real time ocean data for climate change, ocean mapping, national security, and renewable energy, while creating a low to zero operational carbon footprint. Saildrones operate autonomously 24/7/365-days a year in the world's harshest oceans, have sailed 500,000+ nautical miles, spending 15,000+ days at sea, supporting science, government and commercial customers. saildrone.com



Seven Serpents® is a service-disabled veteran-owned small Security Training Company committed to delivering high-quality products and services to clients. We leverage every resource available to meet your expectations. sevenserpents.com



SOFWOLF or simply WOLF (Special Operations Forces, Warrior Outdoor Leadership for the Future) is a research and educational 501 3(c) that teaches Gold Star Youth STEM skills using both accredited curriculum and real-world scenarios. Our program that teaches youth how to collect and process geospatial data using drones through real-world scenarios such as how drones and data science can assist in early detection and mitigation strategies of red tide. sojwolf.org



SummitET® is a veteran-owned small business that offers innovative preparedness solutions. When founded, our team sought to develop a more flexible model that could be adapted to serve the needs of any organization – large or small. Drawing on the diversity of experience in emergency management and response, communications, military, government, and the private sector, our team brings a comprehensive perspective to managing and mitigating risk. By applying best practices in management and organizational behavior, strategy and planning, together with the latest developments in learning and technology, SummitET has quickly grown its reputation as an industry leader, serving a range of clients. summitet.com



Virtru is a global leader in data encryption, privacy and protection. Virtru equips customers to take control of their data through end-to-end encryption for Google, Microsoft and other data-sharing platforms. We have over 6,000 customers to include international commercial clients, US federal, state, and local governments. virtru.com



Woolpert is an international architecture, engineering and geospatial (AEG) firm that specializes in delivering geospatial data and innovative hybrid technologies to defense and federal intelligence communities. We are a leader in the collection and processing of high-resolution topographic and bathymetric lidar and imagery, acoustic hydrographic services and marine survey. Woolpert's focus at the Hub will be to support state, local and federal governments and help them solve their most important infrastructure, marine and hydrological challenges. woolpert.com