



## Department of the Navy Forum for SBIR/STTR Transition

Celebrating our 20<sup>th</sup> year, the **Department of the Navy's SBIR/STTR Transition Program (STP)** was excited to highlight select technologies at the Navy League's Sea-Air-Space 2020 - the Navy's cutting-edge small business technology showcased at the largest maritime expo in the U.S.! With the unfortunate cancellation of SAS 2020, FST still intends to deliver STP small business solutions to government and industry leaders through virtual Tech Talks and Meet the Expert opportunities. In addition, you can always find more information on current and past STP topics and other advanced technologies in the Virtual Transition Marketplace (VTM).

[Learn more at NavyFST.com](http://NavyFST.com)

We have 30 exciting projects to showcase with this Virtual FST event, grouped into six focus areas - links to Virtual Tech Talks will be added as they become available. As you telecommute, why not tele-explore these great small businesses and technologies? Click on the company name to visit their website; select the topic number to view details on this specific project on the Virtual Transition Marketplace; or opt to view all projects from the small business with the VTM Link. Either way, we think you'll agree that we are delivering Tomorrow's Technology Today! - including an additional 300+ technologies in the Virtual Transition Marketplace!

<i>Aviation &amp; Avionics Enhancements</i>		
<b>BGI LLC</b>	<a href="#">VTM Link</a>	NAVAIR [AIR-1.0] / <b>N112-111</b>
<i>Landing Signal Officer - Data Analysis Toolkit (LSO-DAT)</i>		
<b>Mentis Sciences, Inc.</b>	<a href="#">VTM Link</a>	NAVAIR [PEO (A)] / <b>N17A-T007</b>
<i>Innovative Packaging to Achieve Extremely Light Weight Sensor Pod Systems</i>		
<b>WW Technology Group</b>	<a href="#">VTM Link</a>	NAVAIR [PEO (A)] / <b>N152-096</b>
<i>Miniaturized, Fault Tolerant Decentralized Mission Processing Architecture for Next Generation Rotorcraft Avionics Environment</i>		
<b>Midé Technology Corporation</b>	<a href="#">VTM Link</a>	NAVAIR [PEO (T)] / <b>N171-009</b>
<i>Touchstone - Rugged Touchscreen Button with Positive Indication Feedback</i>		
<b>Advanced Cooling Technologies, Inc.</b>	<a href="#">VTM Link</a>	NAVAIR [PEO (U&W)] / <b>N171-022</b>
<i>Novel High Energy Density Fuels Development</i>		
<b>Taylor &amp; Lego Holdings, LLC (TLH) / Rapid Composites</b>	<a href="#">VTM Link</a>	ONR [ONR] / <b>MDA12-025</b>
<i>Affordable Reinforced Polymer Composite Structures with Embedded Electrical Interfaces</i>		
<i>Communications &amp; Cyber</i>		
<b>WPL, Inc.</b>	<a href="#">VTM Link</a>	MARCOR [MARCOR] / <b>N162-073</b>
<i>TEAM - Twice Encrypted and Authenticated Multicast</i>		
<b>Skayl LLC</b>	<a href="#">VTM Link</a>	NAVAIR [JSF] / <b>N162-101</b>
<i>Scalable Model-Driven Protocol Mediation and Systems Integration</i>		
<b>Charles River Analytics Inc.</b>	<a href="#">VTM Link</a>	NAVSEA [PEO IWS] / <b>N171-056</b>
<i>Detecting Anomalies in Application Memory Space (DAAMS)</i>		
<b>Innovative Defense Technologies</b>	<a href="#">VTM Link</a>	NAVSEA [PEO IWS] / <b>N171-049</b>
<i>Cyber Resiliency via Virtualization for Combat Systems</i>		
<b>TRITON SYSTEMS, INC.</b>	<a href="#">VTM Link</a>	NAVSEA [PEO SUB] / <b>N171-039</b>
<i>High Optical Power Hull Penetrator for Submarine Fiber Optic Systems</i>		
<b>RKF Engineering</b>	<a href="#">VTM Link</a>	NAVWAR [NAVWAR] / <b>A04-127</b>
<i>New Advanced Integrated Line-of-Sight Equipment System (nAILES)</i>		

**Click on the company name to view the firm's website – Click on the topic number to view project details**

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<i>EO/IR &amp; EW Systems Support</i>		
<b>Intraband LLC</b>	VTM Link	NAVAIR [PEO (T)] / N17A-T006
<i>Super-Efficient Mid-Infrared Quantum Cascade Lasers with Continuous-Wave Wall-Plug Efficiencies in Excess of 40%</i>		
<b>Vadum</b>	VTM Link	NAVAIR [PEO (T)] / N172-110
<i>Virtual Antenna Array Mapping</i>		
<b>HYPRES, Inc.</b>	VTM Link	ONR [Code 31] / N162-125
<i>Read Out of Single Photon Cryogenic Array Detectors Via Energy Efficient Digital Means</i>		
<i>Logistics &amp; Maintenance</i>		
<b>BGI LLC</b>	VTM Link	NAVAIR [PEO (U&W)] / N112-111
<i>Analysis and Reporting Capability for Smart Aircraft Data</i>		
<b>Luna Innovations Incorporated</b>	VTM Link	NAVSEA [PEO SUB] / N151-027
<i>Processes for Condition Monitoring and Prognostics at the Sensor Node</i>		
<b>Premier Solutions Hi, LLC</b>	VTM Link	NAVSUP [NAVSUP] / N171-077
<i>CS:CLIPBoard - Integrated Barcode and Inventory Management System</i>		
<b>Charles River Analytics Inc.</b>	VTM Link	NAVWAR [PMW-120] / N132-139
<i>Distributed Analysis Tool for Enterprise Monitoring (DATEM)</i>		
<b>Trident Systems Incorporated</b>	VTM Link	ONR [Code 30] / N162-121
<i>New Condition Based Maintenance and Energy Command and Control Network Architectures for the Naval Expeditionary Force</i>		
<i>UUV/USV &amp; Undersea Warfare</i>		
<b>TRITON SYSTEMS, INC.</b>	VTM Link	NAVSEA [PEO SUB] / N171-055
<i>Autonomous Towed Array Straightening System</i>		
<b>McQ Inc.</b>	VTM Link	NAVSEA [PEO USC] / N171-053
<i>SonoWatch: Navy Acoustic Situational Awareness System</i>		
<b>Charles River Analytics Inc.</b>	VTM Link	ONR [Code 33] / OSD12-HS3
<i>Topside Optical Processing for Global Unmanned Navy (TOPGUN)</i>		
<b>Orbit Logic Incorporated</b>	VTM Link	ONR [Code 35] / N17A-T029
<i>Multi-vehicle Collaboration with Minimal Communications and Minimal Energy</i>		
<b>Giner, Inc.</b>	VTM Link	ONR [ONR] / N10A-T030
<i>High-Energy-Density Hydrogen Delivery System</i>		
<i>Warfighter Tools &amp; Support</i>		
<b>Charles River Analytics Inc.</b>	VTM Link	NAVAIR [JSF] / N162-094
<i>Ecological Advanced Support Interface Toolkit for Heads Up Attention to Improve Warfighter Knowledge (EASI-HAWK)</i>		
<b>NanoSonic, Inc.</b>	VTM Link	NAVAIR [JSF] / N171-008
<i>Lightweight, highly breathable HybridSil™ drysuit fabrics with instant watertight sealing</i>		
<b>Sera Star LLC.</b>	VTM Link	NAVAIR [PEO (T)] / N171-007
<i>Oxygen Mask Development to Improve and Facilitate Mask Discipline</i>		
<b>VIRTUVIA, LLC (dba CoachMePlus)</b>	VTM Link	NAVSUP [NAVSUP] / N171-079
<i>Human Performance Self-Service Kiosk and Application</i>		
<b>Creative MicroSystems Corp.</b>	VTM Link	ONR [Code 30] / N162-123
<i>Holographic Enabled Display System for Force-on-Force Marine Training</i>		

Visit [NavyFST.com/vtm](http://NavyFST.com/vtm) today!



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