



## DUAL TECHNOLOGY SHOWCASE & DEMO DAY FOR DEFENSE & NATIONAL SECURITY

### ABOUT THIS EVENT

This in-person forum will showcase multi-industry, ground-breaking technologies developed by innovative startups, to address Department of Defense as well as Commercial Markets. The event presents an excellent opportunity for national security and defense stakeholders to review technology breakthroughs that may improve defense readiness and response capabilities.

#### Venue:

NorthStar Campus  
55 Old Bedford Road  
Lincoln, MA 01773

#### Attendance:

By invite or ticket  
purchase on website  
(limited availability)



**MONDAY, SEPTEMBER 12TH  
4-6PM IN PERSON**

**[WWW.MASSINNOV.ORG](http://WWW.MASSINNOV.ORG)**

Sponsorship & Speaker Opportunities  
Available. Contact Us Today  
[skambanis@newenglandinnovation.org](mailto:skambanis@newenglandinnovation.org)

 <b>13 Mari</b>	13 Mari solution reduces ship drag and improves fuel efficiency. This allows for lower cost to operate maritime assets, and increased on-station time.	 <b>Ithaca Clean Energy</b>	Developing a connected comms network that allows fishing vessels to automatically report issues within their water space; can be used to reach out to vessels & ships to manage the flow of traffic into and out of military operational areas.
 <b>BeFC</b>	Makes electricity with paper & enzymes; the paper batteries are biodegradable, lightweight, flexible, and thin. Platform collects & communicates data such as temperature, shock, vitals, distance & more; with the final product to be printed as one.	 <b>Kadeya</b>	Drinking water solution provides a replacement for vending machines that offer single use plastics. This creates a more sustainable base. The solution is convenient and easily adoptable by reimagining the entire supply chain of water bottles.
 <b>BlkSAIL</b>	Maritime artificial intelligence platform makes operations safer, greener, and disruption-free with an AI-powered Bridge Decision Aid and semi-autonomous navigation systems.	 <b>Legionarius</b>	Proudly made in the USA, Legionarius' ATAK smart garments, offer service men and women automatic wound detection (shot, shrapnel, cut, burn). The garment provides emergency signaling, remote triage, and autonomous treatment when a human is injured in combat.
 <b>Computer Vault</b>	Single Platform Solution that includes Virtual Desktops & Servers, Hyper-converged Infrastructure, Virtual Networking & a Software-Defined WAN. Built-in Cybersecurity provides a Software Defined Perimeter with a Zero Trust Security Model.	 <b>Nanoionix</b>	EcoCer™ is a family of engineered self-disinfecting ceramic materials that form permanent coatings on virtually any surface and continually inactivate bacteria, viruses and fungi.
 <b>CYTRIO</b>	Protects & secures critical data by embedding protection within data & leverages zero policy, zero overhead, & zero trust, so that the data is protected at all times w/ near zero probability of a data breach, loss, exfiltration or ransomware compromise.	 <b>Pirouette Medical</b>	Auto-injector technology that can be used to deliver relevant drugs intramuscularly through MOPP Level4 gear; compact shape, simplicity of use, rugged & durable design, complemented by steady control under stressful drug administration conditions.
 <b>Deep Charge</b>	Proprietary platform that radically transforms wireless charging as we know it by making surfaces intelligent – a solution that defies previous technological limits.	 <b>Raysecur</b>	Breakthrough real time imaging technology based on non-ionizing terahertz waves. The systems provide real time 3D Imaging to detect even the smallest threats, a vast improvement over traditional static X-Ray scanning methods.
 <b>Harmony Desalination</b>	Technology (batch reverse osmosis) is a dynamic RO process which provides high-throughput & energy-efficient water desalination with less risk of membrane fouling & scaling.	 <b>Sea Trac</b>	Long endurance solar powered USV platforms to be deployed in various mission scenarios standalone or as a force multiplier to perform maritime domain awareness & comms operations with efficiency, persistence and lower cost than traditional methods while keeping warfighters out of harm's way
 <b>Helios Applied Science</b>	Developing a rapidly deployable high-strength fiber composite structural beam. It allows for a long beam to be folded into a small configuration, be transported a long distance followed by remote deployment.	 <b>Square Robot</b>	Autonomous robotic solution that can perform API-certified in-service inspection of aboveground storage tanks filled with water or high flash point petroleum products such as diesel and jet fuel.
 <b>Headwall Photonics</b>	New hyperspectral lens (SWIR -900 to 2,500nm wavelength range) uses sensors for IED and hazardous chemical detection, and object-sensing under camouflage.		For more information about showcase participants - please contact Sophia Kambanis: <a href="mailto:skambanis@newenglandinnovation.org">skambanis@newenglandinnovation.org</a> 