



## U.S. Army FUZE Innovator's Corner Exhibitor Schedule

October 13-15, 2025, Booth 7841, Hall D

### MONDAY, OCTOBER 13, 2025

AI/ML*		Alitheon Inc.	FeaturePrint: An advanced machine-vision technology that provides for items, what fingerprints are for people - a unique, persistent, and inherent identifier for the one in millions. FeaturePrint serializes items. As such, it enables streamlined inventory management & traceability, eliminates counterfeits and gray markets, and reduces human error ....all with just a photo using a standard camera.
Sensors		Anello Photonics Inc.	ANELLO Photonics leverages the smallest commercially available Optical Gyroscope for the "Warfighter Handheld Navigation System for Navigation in Contested Environments" without GPS. The Handheld Navigation System provides both high accuracy North Finding and Navigation capabilities for the dismounted warfighter in GPS Denied and Spoofed environments.
Energy Resiliency		AxNano	AxNano is commercializing a robust, mobile unit for on-site capture and destruction of liquid hazardous waste generated from Army's mission critical operations, including equipment repair, emergency/ fire training or response activities, and fuel storage.
Energy Resiliency		FC Renew	FC Renew is advancing hydrogen fuel cell technology by developing an innovative refurbishment process and a new product line focused on extending stack lifetime and durability. Our options reduce total ownership expenses by 50% and will accelerate hydrogen technology adoption across critical sectors including eVTOL aircraft and aviation transportation, maritime vessels, ground delivery vehicles, industrial equipment, and stationary power systems.

\*AI/ML: Artificial Intelligence; CL&S\*: Contested Logistics & Sustainment; I&W\*: Immersive & Wearables



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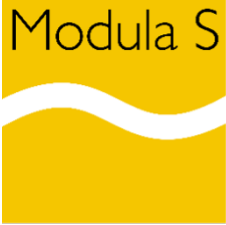






CL&S*		FluxWorks	Magnetic gear integrated motor and generator technology. FluxWorks will demonstrate the technology within our TACTICS tool, built on our patented Celestial Gear™ magnetic drivetrain and Lodestar™ torque sensing, which is in development to be the first soldier-portable torque verification system with direct torque measurement and digital logging, adapted from NASA robotics to enable depot-level precision in the field. FluxWorks will also present MG3 hub drive technology, a magnetically geared motor-generator which is packaged in-wheel for hub drive systems to integrate gear, motor, and brake in a compact, rugged turnkey solution for future wheeled-chassis ground vehicles.
CL&S*		Legionarius LLC	The Legionarius Wound Detection Garment is a wearable sensor system that won the Army xTechSearch competition for its ability to autonomously detect penetrating injuries from threats like gunshots and shrapnel and instantly report them. The technology addresses the most urgent challenge in combat casualty care: the high rate of preventable death from hemorrhage, which can be fatal in under three minutes.
I&W*		MaXentric Technologies LLC	The MaXSDR SoC is a custom, low-SWaP system-on-chip designed to enable flexible, multi-mission RF systems with advanced digital signal processing capabilities. In addition to the radio, we will highlight the broader applicability of the SoC for edge computing, signal processing, and autonomous system integration.
Sensors		Megaray LLC	Megaray will be showcasing the HOWL (High-Output White Laser), a directed-energy, eye-safe white laser used on vehicles, vessels, and EO/IR platforms, to determine hostile intent of targets and, at full output, optically suppress those threats at standoff range. Along with the HOWL, Megaray will also display its other advanced laser, illumination and imaging technologies including its driver vision system developed for SOCOM's 75th Ranger Regiment.

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CL&S*		Modula S Inc.	The SustainmentBOX is a modular, rapidly deployable system that combines power generation, battery storage, and clean water filtration—all housed in ruggedized Tricon shipping containers designed for austere environments. Modula S will showcase the SustainmentBOX concept, including high-resolution 3D renderings, CAD models, and a deployable rigid inflatable shelter.
CL&S*		Tip&Cue	'Scout', an operational RF Spectrum Intelligence system designed for real-time detection, classification, and geolocation of GNSS jamming and spoofing threats at global scale. The demonstration will feature a live dashboard displaying RF interference events, signal integrity metrics, and precision threat localization.
CL&S*		Trident Systems	The Predictive Maintenance Analyzer (PMA) is a on-platform sensing capability to support predictive/prognostic maintenance.
<b>TUESDAY, OCTOBER 14, 2025</b>			
Sensors		Distributed Spectrum Inc.	RF Vision: automated radio spectrum awareness platform to provide indications and warnings to SOF Operators
CL&S*		KEF Robotics Inc.	KEF Robotics is support the Army's AVMC in the development of numerous capabilities, including providing a navigation solution to low cost aircraft that works over open water in GPS-denied environments, and an onboard path planning capability for next-generation rotary aircraft.
CL&S*		krtkl Inc.	Intuitive spectrum monitoring and decision making for maintaining resilient communications and awareness in congested and contested environments.
CL&S*		LiquidPiston, Inc.	LiquidPiston will be showcasing their compact rotary heavy-fueled rotary engine.

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Sensors		Near Earth Autonomy	<p>RUC-60s are reliable, affordable, contested logistics solutions for high-tempo aerial operations, with or without crew. Using advanced autonomy to sense and avoid hazards, provides mission assurance in high-threat, low-communication, austere environments. Converting existing Army surplus UH-60L Black Hawk airframes avoids long waits and high costs for new aircraft by rapidly upgrading today's aircraft for tomorrow's logistics missions. RUC (Rotorcraft Uncrewed Capability) modular autonomy is extendable across aircraft type and scale.</p> <p>Near Earth has over a decade of successful full-scale helicopter autonomy experience across the DoD, and 10K+ flights across 140+ airframes, including Airbus, Bell, Boeing, Kaman, and Leonardo.</p>
Sensors		Notch Inc.	<p>Notch's zero-power metasurface antennas deliver 360° electronic steering for jam-resilient, long-range C2 and maintain GPS links in contested environments.</p>
AI/ML*		PredictiveIQ	<p>PredictiveIQ develops a highly predictive technology called physics-informed AI that provides generalized broad predictive capability, while being data-efficient. This technology provides cyber-physical systems such as combat vehicles with condition-based prognostic and predictive maintenance (PPMx) enabling increased operational readiness. In addition, this technology has now been expanded to enable physics-informed software upgrades enabling precise mission-specific modernization of combat platforms at the pace of threat evolution.</p>




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Energy Resiliency		re:3D Inc	Via an Army XTech Direct to Phase II and Sequential Award, re:3D commercialized the Gigalab, a unique end-to-end solution to produce printed parts using plastics diverted from base trash disposal and processed within a CONEX with minimal external inputs. At AUSA attendees will have the opportunity to engage with multiple defense related objects made from various plastic waste streams. The re:3D team looks forward to feedback and suggestions on future point-of-need manufacturing needs.
AI/ML*		Rhea Space Activity, Inc	Rhea Space Activity, Inc (RSA) is developing an app called ANVIL: Handheld GPS-Denied Navigation for ATAK to provide U.S. Army 1st Special Forces Command with an ATAK plugin as a solution to xTech Special Forces Topic 1: GPS- denied ATAK Compatible Self Location Application. ANVIL will allow an operator to use their ATAK device to take a picture of the night sky and determine their position with operational accuracies.
CL&S*		Wave Motion Launch Corporation	Wave Motion is developing the Jet Gun, a novel projectile launcher technology which produces a focused jet of solid particles that pushes a payload vehicle to high speeds. The Jet Gun is smaller and lighter than "conventional" artillery by 50% or more, with lower setback acceleration and lower blast overpressure levels. At larger scales, the Jet Gun can perform orbital launches at costs orders of magnitude lower than rockets. Wave Motion has produced a 120 mm Jet Gun prototype that is half the size and weight of an equivalent mortar system, as well as a 10 MW space launch demonstrator.



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### WEDNESDAY, OCTOBER 15, 2025

Energy Resiliency	 <b>Anthro</b>	Anthro Energy	Anthro Energy has developed Anthro Proteus™, a novel injectable phase-change electrolyte that enables intrinsically ruggedized lithium-ion batteries tailored to the DoD's most demanding mission environments. This breakthrough technology delivers resilient power solutions for unmanned aerial and underwater systems, soldier-worn and carried equipment, and advanced robotic platforms. Anthro's portfolio of high-energy density, safe, and stable pouch, structural, flexible, and cylindrical cells, validated across a broad range of chemistries and sizes, leverages Anthro Proteus™ innovation to combine superior energy density with enhanced safety and durability, meeting the extreme performance requirements of modern defense and critical industrial applications.
Non-Aligned Topics	ATQ M I C S	ATOMICS	ATOMICS is developing the world's first method of encoding and decoding digital binary information in small molecules. They have shown that, just as microelectronic devices can store digital 1s and 0s physically embodied by high and low voltages, molecular systems can store binary data in the presence or absence of distinct molecules within complex mixtures. This breakthrough can lead to more compact, covert, and secure data storage than conventional devices.
AI/ML*	 Deep Breathe	Deep Breathe	Deep Breathe is a software company enabling frontline diagnosis of critical injuries through AI-powered portable ultrasound. Our platform transforms handheld ultrasound into a rapid triage tool, delivering expert-level interpretation without extensive training. ATLAS, our flagship solution developed with multiple DoD branches, was built for combat care and provides real-time detection of life-threatening torso injuries such as pneumothorax, reducing unnecessary procedures and improving survival during the golden hour. By equipping medics and operators with reliable, immediate diagnostics, ATLAS enhances decision-making in austere environments and supports prolonged field care.

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Energy Resiliency		e-volv	e-volv will showcase a reliable superconductor power cable and cryogenic system optimized for Army aircraft needs including electric propulsion, thermal and electromagnetic stealth, and onboard AC, DC, or pulsed electric loads such as LASER and EMF emission for drone mitigation. The e-volv cable minimizes the weight and size of the entire cable, including cable terminations far beyond what is otherwise available today. Variations of their superconductor cable also support operational efficiency of mobile to stationary microgrids and utility grids.
CL&S*		Fieldmade	The NOMAD® LW, a portable additive manufacturing solution, designed for on-demand, on-site part production, excels in demanding conditions. Key features include uninterrupted power supply, robust dampers, and a controlled printing environment. Field-tested for resilience and efficiency, the NOMAD®LW sets up within minutes, ensuring swift deployment for critical operational needs.
Sensors		Higher Ground	The SatPac2c® is a handheld software-defined radio (SDR) that delivers robust and resilient beyond-line-of-sight (BLOS) communications. Optimized for low size, weight, and power (SWaP), it provides a pocket-sized, low-probability-of-intercept/low-probability-of-detection (LPI/LPD) solution ideal for dismounted users operating in contested environments. These compact terminals provide secure, resilient communications – including text, Position Location Information (PLI), compressed imagery, and Tactical Data Links (TDLs) – ensuring mission-critical connectivity from anywhere, to anywhere. The TrackPod is a 6" x 6" x 8" Comms-on-the-Move (COTM) variant of SatPac®, purpose-built for intelligence community and military applications. It enables both manned and unmanned platforms to maintain survivable Beyond Line of Sight (BLOS) communications in Denied, Disconnected, Intermittent, and Low-bandwidth (DDIL) environments.

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CL&S*		Inergy	Inergy's Flex P3 is a modular, portable, AI-enhanced solar generator developed to meet operational energy needs for Army units operating in austere and contested environments. The Flex P3 integrates rugged energy storage, rapid solar recharging, and an embedded AI/ML*-powered microgrid controller ("Energy IQ"), enabling the system to function as a stand-alone or networked nanogrid. It supports mission-critical electronics, scales from squad to platoon level, and meets Army requirements for extreme-temperature operation, hardened enclosures, EMP protection, and control system interoperability.
CL&S*		Neurable Inc	Neurable's xTech-winning technology integrates dry-electrode EEG sensors into standard hearing protection devices. It operates on a lightweight, AI-driven software platform capable of real-time brain monitoring through local, edge-enabled devices. This system provides seamless, field-ready cognitive insights without gels, spikes, or extra bulk. It is currently applied for detecting mild traumatic brain injury (mTBI) resulting from blast overpressure in real-time operational scenarios.
Energy Resiliency		Resilient Energy & Infrastructure	Rapid Deployment Hybrid MicroGrid (RDHM) is a containerized, modular energy system that integrates solar PV, battery storage, power electronics, and diesel generation into a mobile platform. Designed for rapid setup and transport, the RDHM delivers resilient, off-grid or grid-connected power for critical loads in austere or emergency environments.
CL&S*		Tiami Networks	PolyEdge is a TRL 7 multifunction passive sensing platform that performs drone/UAS detection, anomaly tracking, and occupancy monitoring—all without cameras or active emissions. PolyEdge uses ambient 4G/5G signals of opportunity as a radar-like sensing modality, making it ideal for low-profile, infrastructure-light deployments in both tactical and urban settings.

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CL&S*	The logo for WingXpand, featuring the word "WINGXPAND" in blue and black, with a blue stylized wing graphic to the right.	WINGXPAND	<p>WingXpand is a U.S. aerospace and AI software company expanding what's possible with autonomous systems. Our backpackable smart planes and IoT devices deploy in seconds from the smallest footprint, giving units on-demand ISR without heavy logistics. With modular, open systems payloads and software, WingXpand supports faster mission adaptability, quicker fielding, and seamless integration across systems. Built for the multi-domain, contested battlefield, we deliver real-time automatic threat detection, comms relay, and edge AI at lower cost, less training, and unmatched speed – giving warfighters the decisive advantage.</p>
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