

DONUTS & DEFENSE

February 2026



AGENDA

- 7:45 **Doors Open/Registration**
- 8:00 **Networking**
- 8:30 **NAMC Opening Remarks**
 Warren Sponsler
- 8:40 **Velocity CEO Roundtable & Manufacturers Directory**
 Rick Venet
- 8:45 **Newlab Presentation followed by Q&A**
 Colleen Hau
- 9:10 **3-Minute Company Pitches**
- 9:45 **Closing & Networking**
- 10:30 **End of Program**





NAMC

NATIONAL ADVANCED MOBILITY CONSORTIUM

Donuts & Defense February 2026

Warren Sponsler
Chief Operating Officer, NAMC
warrens@namconsortium.org



The National Advanced Mobility Consortium Inc (NAMC)

The National Advanced Mobility Consortium (NAMC) is a 501(c)(3) Non-Profit Corporation that is comprised of U.S. innovators dedicated to the competitive development of ground manned and unmanned autonomy-enabled military technologies for the U.S. warfighter.



65%
of funding to
Non-Traditional Defense
Contractors

450+
Competed
Projects

2 in 3
small
business
members

550+
member
organizations
across the USA

**OTA-
Based**

**Trusted
Partner**

**Led By
Industry**

18
Years
of experience

\$1.6B
obligated
funds



NAMC Offices in Ann Arbor and Sterling Heights, MI

<https://www.namconsortium.org/>



The Defense Industry Environment

Army Acquisition Reorganization

- Ongoing
- Forming, Storming, Norming
- Some changes already happening
- More to come...

Updates & Opportunities

- FY26 Defense Appropriations Signed Feb 3, 2026
 - \$839B Discretionary
 - +5% RDT&E; +18% in Procurement
- 2026 NDS Released Jan 23, 2026
 - "Supercharge the Defense Industrial Base"
- M1E3 Abrams Prototype at the Detroit Auto Show
- Robotics & Autonomy Opportunities
- Contested Logistics & Sustainment Focus





Upcoming Events

NDIA Tactical Wheeled Vehicle Conf – **February 23-25** – Pittsburgh, PA

NAMC FY27 Annual Plan Process Webinar – **February 26** – Online

T2COM/AUSA “Front Door to the Army” – **March 4** – Velocity, Sterling Heights, MI

NDIA Northern Michigan Defense Conference – **March 5-6** – Traverse City, MI

NAMC General Membership Meeting – **March 19** – Crystal City, VA

AUSA Global Force Symposium – **March 24-16** – Huntsville, AL

NDIA MDEX/XPONENTIAL – **May 12-14** – Huntington Place, Detroit, MI

NDIA Cyber Security Summit – **June 16-17** – Rochester, MI

NAMC Annual Member Meeting & GVSETS – **August 11-13** – Novi, MI

AUSA Annual Meeting & XPO – **August 12-14** – Washington, DC



NAMC - “Defense on Tap”

- **March 18** - Crystal City, VA
- **May 11** – Detroit, MI



For Updates, follow **NAMC** on **LinkedIn**®



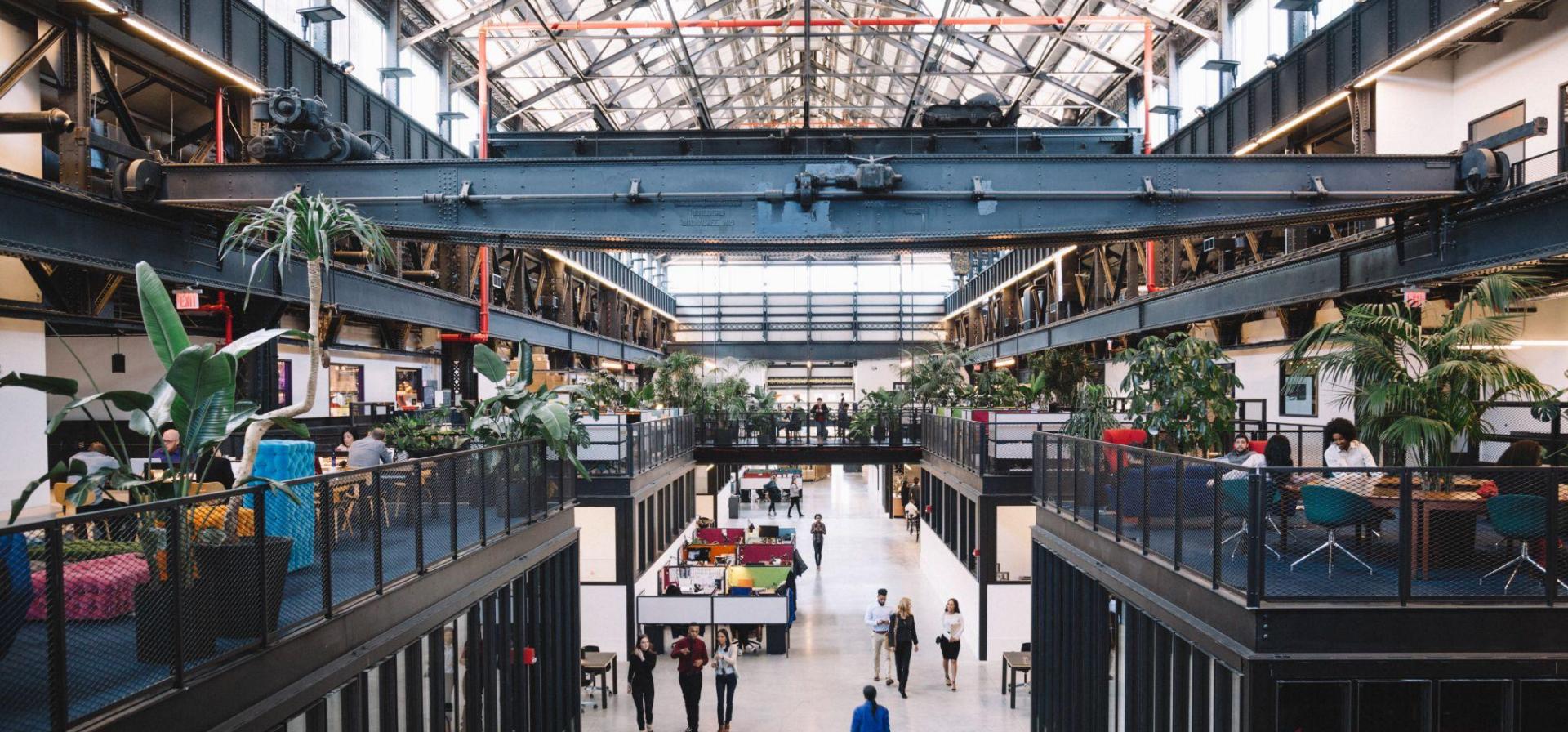
VELOCITY

INCUBATOR
ACCELERATOR
&
COWORKING SPACE

MIVELOCITY.COM

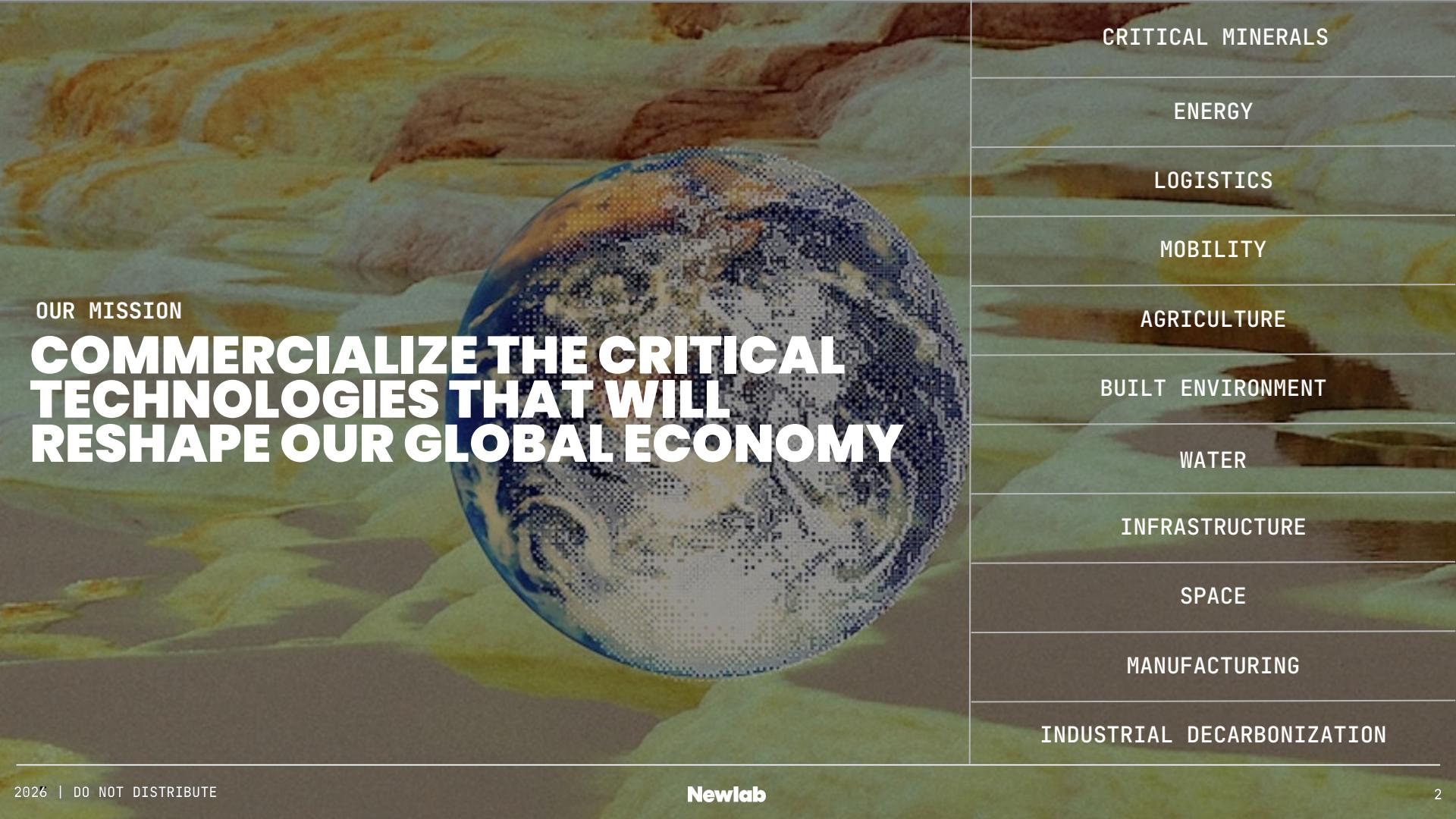
Go to CEO roundtable website "live" during the event:
<https://www.mivelocity.com/ceo-roundtable>





Newlab

VENTURE PLATFORM FOR
CRITICAL TECHNOLOGY



OUR MISSION

**COMMERCIALIZE THE CRITICAL
TECHNOLOGIES THAT WILL
RESHAPE OUR GLOBAL ECONOMY**

CRITICAL MINERALS

ENERGY

LOGISTICS

MOBILITY

AGRICULTURE

BUILT ENVIRONMENT

WATER

INFRASTRUCTURE

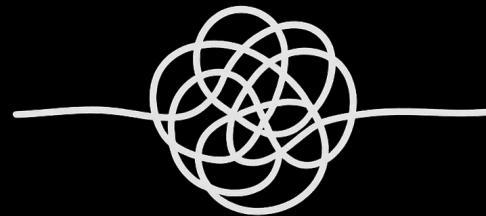
SPACE

MANUFACTURING

INDUSTRIAL DECARBONIZATION

LEVERAGE EMERGING TECHNOLOGIES TO CREATE A COMPETITIVE ADVANTAGE & DRIVE GROWTH

Legacy industry needs to adopt emerging technologies to remain competitive, increase productivity, and drive diversified growth but struggle to overcome operational and cultural barriers tied to technology integration at scale



Startups need to scale through industrial partnerships but lack structured opportunities to test their technologies in real operating conditions to drive adoption decisions

REAL-WORLD PROJECTS DRIVE COLLABORATION BETWEEN STARTUPS AND INDUSTRY

verizon[✓]

conEdison



mercado
libre

vimson
Shivaniand Salgecar Group

nyc
/edc



NATIONAL SECURITY
INNOVATION NETWORK

Ørsted



BHP



FFAR

60+

INDUSTRY & GOVT
PARTNERS

45%

COMMERCIALIZATION
RATE

150+

NEWLAB-LED PILOTS &
PROJECTS



MODEL ACTIVATED THROUGH PUBLIC-PRIVATE PARTNERSHIPS IN GEOGRAPHIES PRIORITIZING REINDUSTRIALIZATION



BROOKLYN, USA

Our flagship location launched in 2017, housed within New York's Brooklyn Navy Yard

84,000 SQ FT HUB

PROTOTYPING LABS

CHEM & BIO LABS

300-ACRES PILOTING SITE

DETROIT, USA

Regional hub with 150+ startups focused on building the future of the adv manufacturing and mobility economy

270,000 SQ FT HUB

PROTOTYPING LABS

3 SQ MI FAA-APPROVED DRONE ZONE

300,000 SQ FT INDUSTRIAL SPACE

MULTI-MODAL PORT

MONTEVIDEO, UGY

Leveraging Uruguay's natural resource base and infrastructure as a testbed for circular systems and green exports

PILOT SITES ACROSS URUGUAY

STABLE GOVERNMENT

STRONG TALENT BASE

RIYADH, KSA

Regional hub supporting the GCC's economic transition away from oil and gas to mining, logistics and new energy

SCOPING 100,000 SQ FT HUB

NATIONAL LAB FACILITIES

MINING SITES + LOGISTICS ASSETS

NEW ORLEANS, USA

Outpost leveraging the region's energy legacy to commercialize innovation in carbon management, utilization, and industrial power

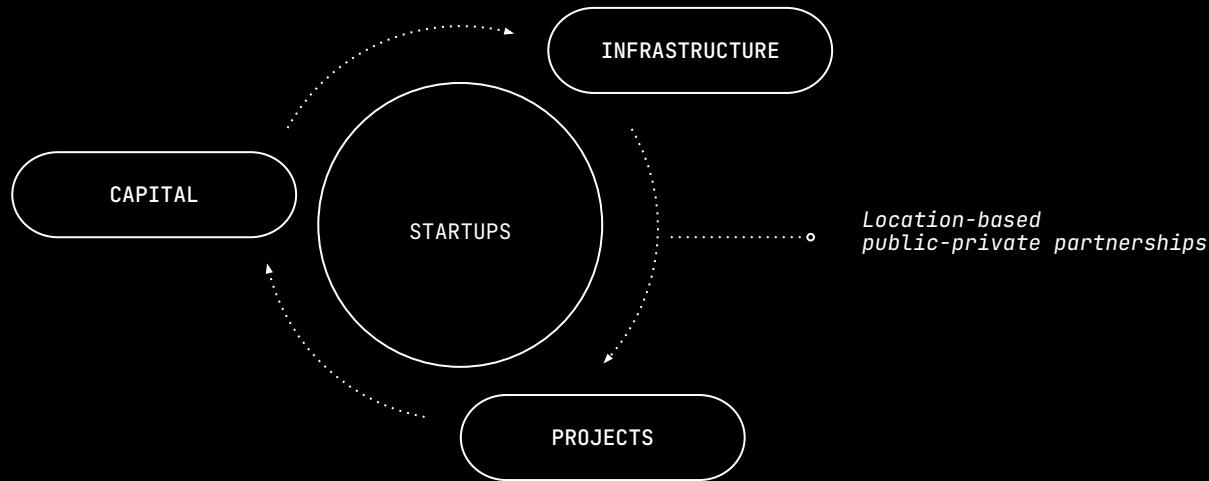
30,000 SQ FT

PATH TO 100,000 SQ FT EXPANSION

INDUSTRIAL BAYS FOR F.O.A.K.

REGIONAL PORTS & INDUSTRIALS

PLACE-BASED MODEL REDUCES BARRIERS FOR COMMERCIALIZATION OF EMERGING TECHNOLOGIES



INFRASTRUCTURE

Technical infrastructure including prototyping, labs, and pilot sites that accelerate development and enable testing in real-world conditions.

PROJECTS

Facilitated projects between startups, industry leaders, and government partners that drive commercialization.

CAPITAL

Direct investments, pilot grants, and access to risk capital to accelerate startup growth across key stages.

INFRASTRUCTURE ENABLES DEVELOPMENT, TESTING, AND SCALE-UP



REGIONAL HUBS



SHOPS & LABS



PILOT SITES



SCALE-UP NETWORK

PROVEN METHODOLOGY + NETWORKS TO DE-RISK OUTCOMES AND ENSURE SPEED TO IMPACT

- **Nearly half (45%) of all technology** commercialized by industry partners
- **In-house team for technical and commercial diligence** evaluates thousands of companies per year across Newlab locations
- **Directed the deployment of \$50M+ in non-dilutive funding** through industry and government-backed innovation programs
- Existing **global network of critical technology companies** looking for rapid industrialization
- **Curated network of leading VC's** to reach the best companies
- Newlab team includes investors and engineers with **deep understanding of technical and market risks / requirements**

NEWLAB APPLIED INNOVATION METHODOLOGY

Newlab Modular Programming Based on Partner Needs

Challenges and Opportunity Mapping



DISCOVERY

Generative and secondary research to surface systems-level problems that become the basis for the Challenge

Startup Sourcing



PRIORITIZATION

Deconstruct problems into actionable focus areas and use cases in collaboration with partners

Pilot



STRATEGY

Develop technology roadmaps for prioritized use cases and identify solutions that can be tested and de-risked through pilots

Scale



SOURCING

Recruit and diligence startups developing relevant technologies through a global open call and direct sourcing



PILOTING

Develop pilots with clear techno-economic KPIs, oversee pilot deployment, and document pilot data in a final case study

Scaling



SCALING

Work with startups and partners to identify and align pathways to scale

UNLOCKING INNOVATION WITH NEWLAB

Access to
High-performing
startups

\$4.3B+

STARTUPS RAISED AFTER
JOINING

\$14.5B+

VALUATION GROWTH AFTER
JOINING NEWLAB

\$2.8B+

IN EXITS SINCE NEWLAB'S
FOUNDING

Programmatic Approach to Identify Emerging Opportunities and De-Risk Innovation

- **Proven methodology for sourcing, qualifying, and engaging startups**, ensuring alignment with business and technology needs
- **Strategically align partner core competencies with emerging opportunity adjacencies**
- **Strong track record in building innovation pipelines** and running multi-year startup engagement programs for Fortune 500 companies and industry leaders

Deep Expertise in Startup Identification

- **Executed 150+ startup & industry engagements globally**
- **45%+ pilot-to-commercial conversion rate**, demonstrating a strong track record of aligning startups with enterprise needs
- **A leading venture platform of top-tier early-stage startups**, ensuring partners have access to high-potential companies (400+ startup members, 600+ programmatic startups, 100+ startups screened monthly)

Strong Network & Global Access

- **Global innovation hubs with prototyping and pilot infrastructure** in Brooklyn, Detroit, New Orleans, Montevideo, and Riyadh
- **Access to global startup ecosystems, research institutions, and venture networks**, enabling the discovery of emerging and market-ready startups
- **Strategic partnerships with VC funds, CVCs, and investors**
- **Diversified public-private partnerships** provide access to government funding and initiatives

Newlab

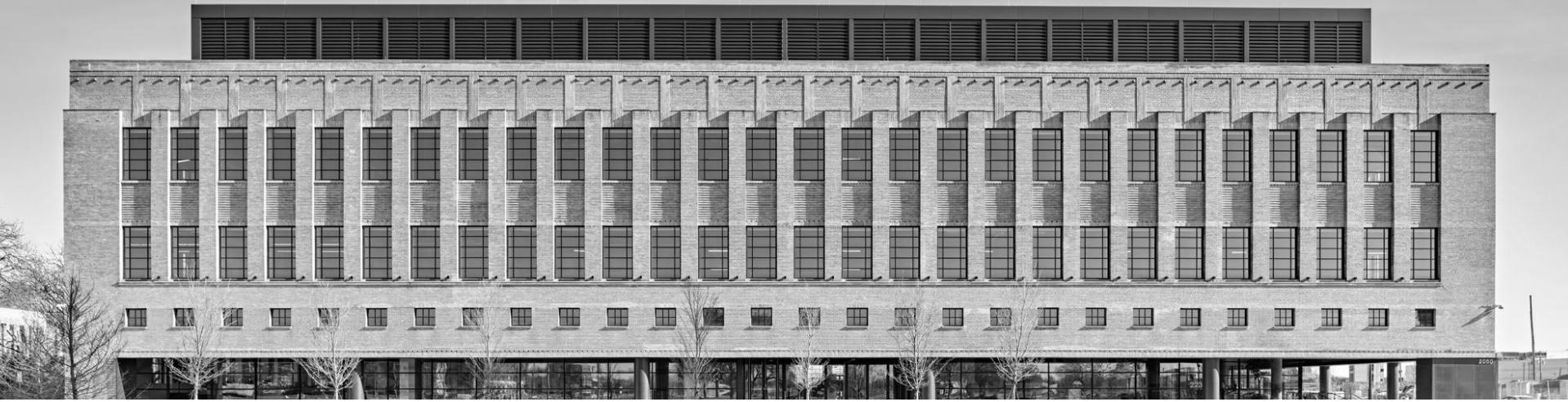
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PRESENTING COMPANIES

- Rigid Spindle and Machine LLC
- UEC Advanced Electronics
- Exail Defense Systems
- Common Ground
- BAE Networks
- SwitchBox
- Howard Ternes Packaging Co
- HA Industries
- Society of Manufacturing Engineers (SME)





CONTACT INFORMATION

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WEBSITE: www.rigidspindleandmachine.com

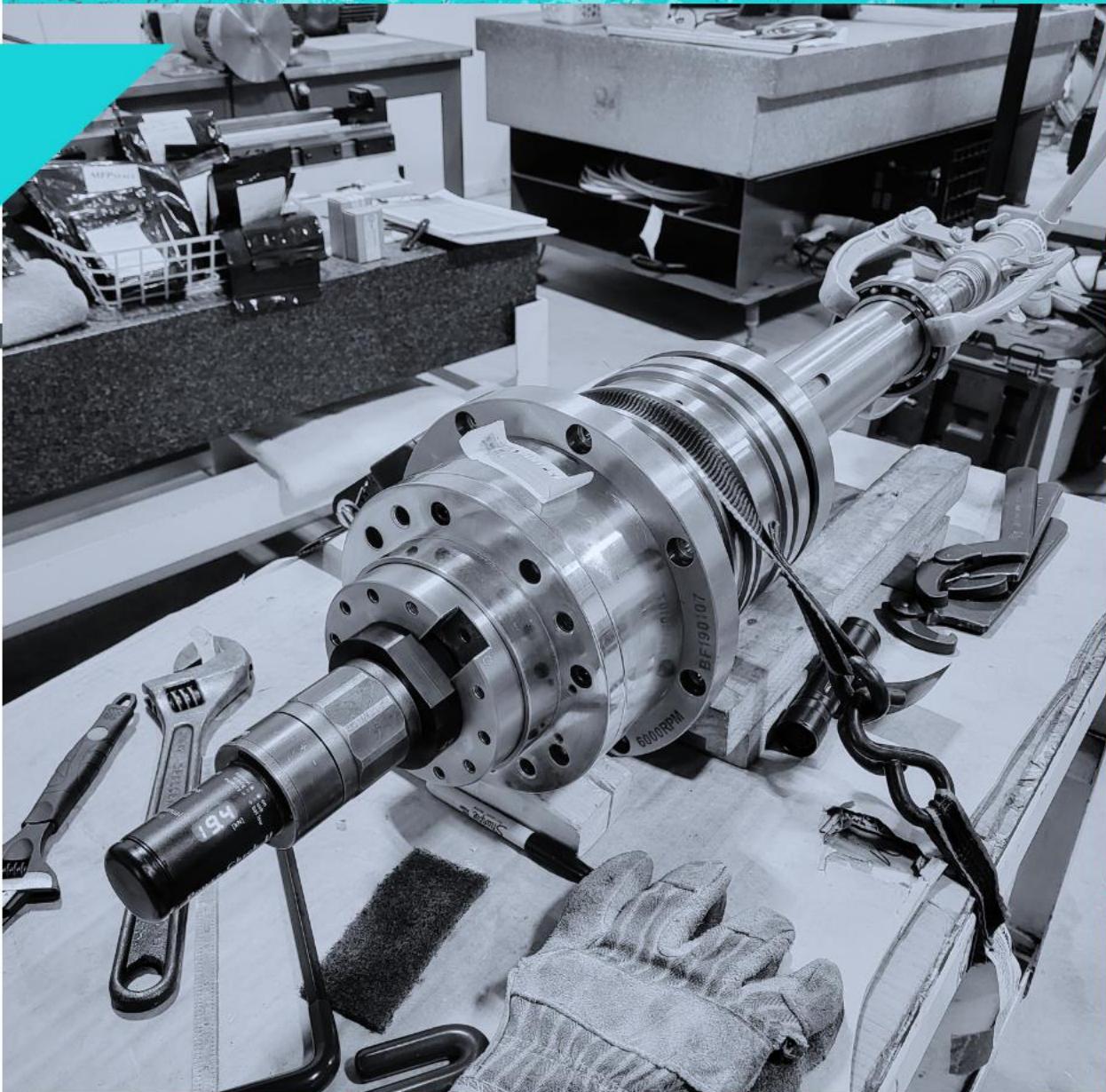
Rigid Spindle and Machine LLC

Precision and detail on every job

Who we serve

- CNC and machine tool spindle repair and rebuild
- Located locally in Roseville, MI
- Quick-turnaround
- Machine Room Services:
 - Grinding
 - Milling
 - And more...

WWW.RIGIDSPINDLEANDMACHINE.COM





Experience & Execution

BUILT ON INTEGRITY

- 40+ years of hands-on spindle and machine experience
- Complete teardown, inspection, rebuild, and balance
- In-house testing prior to return to production
- Honest diagnostics with clear recommendations

Protect your uptime

BEFORE FAILURE HAPPENS

- Contact us at the first sign of noise, heat, or vibration
- Early diagnostics can prevent catastrophic spindle failure
- Partner with a spindle shop built on integrity and experience



Contact Us

Rigid Spindle
and Machine LLC
Precision and detail on every job

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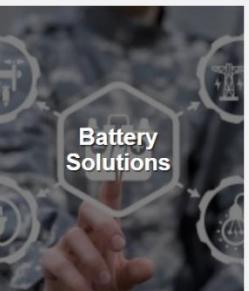
WEBSITE:

www.uec-corp.com



UEC ADVANCED ELECTRONICS

UEC Advanced Electronics is a full-service product design and manufacturing company dedicated to delivering high-performance solutions for power products. Our expertise spans the areas of power storage, generation, and distribution, ensuring that we meet the diverse needs of our clients across various industries.



UEC ADVANCED CIRCUIT TECHNOLOGIES

UEC Advanced Circuit Technologies (ACT) is a high-mix, low-to medium-volume contract manufacturer focusing on complex circuit card assemblies, microelectronics (hybrids), integration, and mechanical assemblies for the Aerospace & Defense, Industrial, Medical, and Sensors and Measurement markets.



UEC SIGNAL TECHNOLOGIES

UEC Signal Technologies is a state-of-the-art design, engineering, manufacturing and service company specializing in complex, critical electronic components, sub-assemblies, and high-performance RF power applications.

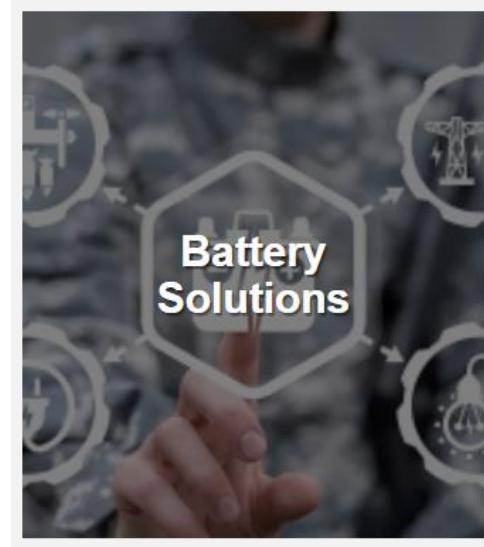


UEC RF MICROWAVE

UEC RF-Microwave is a provider of custom Integrated Microwave Assemblies (IMAs), RF Amplifiers and Frequency Converters for the commercial, defense, and space flight sectors and is recognized for its broad range of amplifier solutions for GEO and LEO space, manned airborne and unmanned aerial vehicles (UAVs), shipboard applications, radar, missile systems, airborne satellite communications (SATCOM), and antenna systems (VSAT).

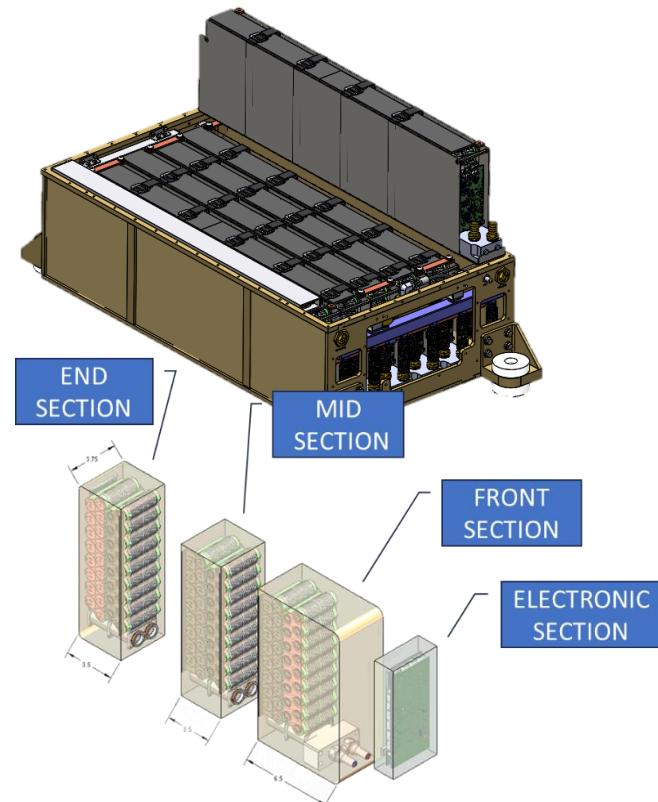
As a leading defense electronics company, we specialize in power products that encompass power generation, storage, and distribution, along with advanced RF amplification solutions. Our expertise also includes life extension and obsolescence management applications, ensuring the reliability and longevity of critical systems.

- Scalable high-voltage lithium-ion battery
- Smart cell supervisory circuit (voltage & current sensing, self-balancing, temperature monitoring, and communications to BMS)
- Multiple 6T variants using common components
- Cylindrical, Pouch, Prismatic cell versions
- Multiple cell chemistries
- Ballistic, EMI pulse and abuse mitigation
- Operation in extreme conditions



High-Voltage Systems

The UEC Advanced Electronics team has successfully demonstrated a 450V, 30 kWh battery system, utilizing a modular 50V building block primary/secondary Battery Management System (BMS) architecture. This system is scalable and capable of supporting voltages up to 1000V, making it versatile for high-performance applications.

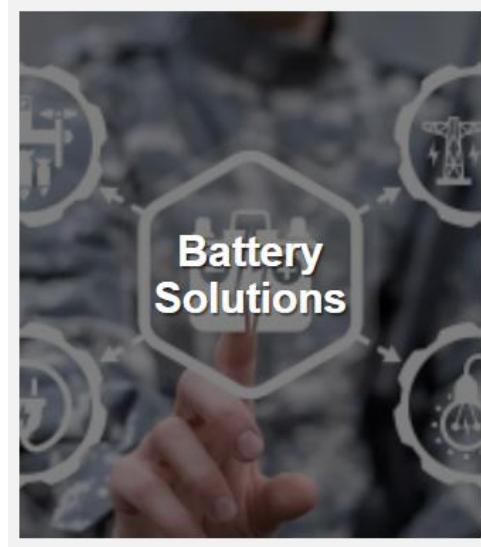


GEN3 6T Lithium-ion Batteries

Our 6T Li-ion batteries are engineered as drop-in replacements for traditional lead-acid batteries, offering superior energy density, longer cycle life, and lighter weight for enhanced performance in harsh environments.



- A self-sustaining partnership to maintain and develop the GEN3 6T Battery
- Improved supply chain resilience
- Accelerated development
- Increased production capacity
- Reduces cost and streamlines deployment of advanced battery technology to the US warfighter



- The GEN 3 6T Alliance is seeking manufacturing & engineering partners previously deterred by the high cost of qualifying a new Li-ion battery.
- Leveraging qualified components and manufacturing base.
- GEN3 6T Alliance will significantly accelerate the introduction of performance enhancing technology by developing a qualification path tailored to each submission.

GEN3 6T Alliance is an opportunity for non-traditional manufacturers to enter the military battery market and accelerate the uptake of advanced LI-ION technology to the US warfighter.

GEN3 6T 





CONTACT INFORMATION

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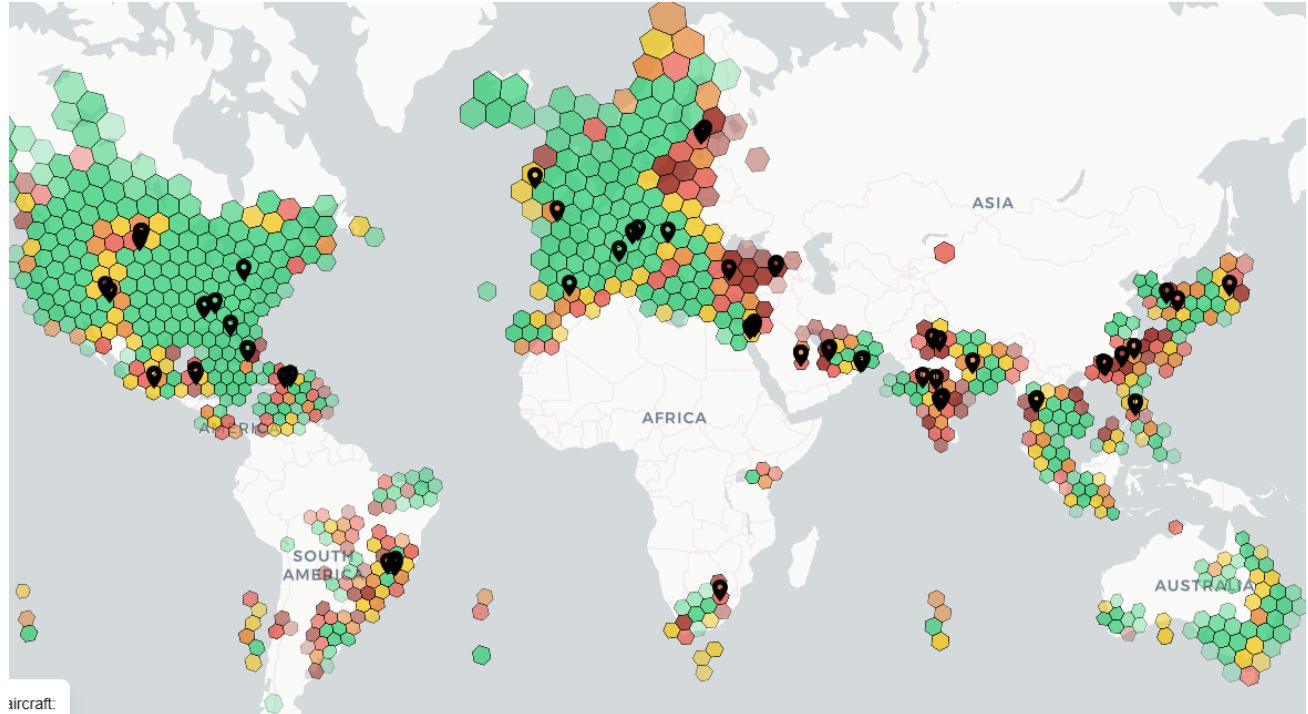
WEBSITE: www.exail.com

Who We Are?

- Inventors of the North Finding Fiber Optic Gyroscope (FOG)
- INS is now a critical capability given current and future GNSS denied - operational environment.

Story of Fiber Optic Gyroscopes is the story of Exail

Past/Current Integrations with the
U.S. Army
U.S. Navy
U.S. Coast Guard



courtesy of Stanford University
<https://rfi.stanford.edu/?date=2026-02-02&mode=jamming&granularity=daily&heatmap=true>

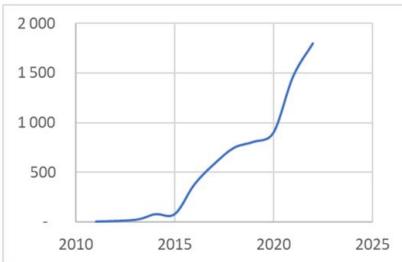
Why Exail Defense Systems?

Advans Series

Gaining market share every year

Up to 2025 : > 2,000 INS in 40 different platforms to more than 20 end-user countries

- Howitzers, mortars, missile & rocket launchers : 30%
- Radars, Air Defense & optronics : 30%
- Tactical vehicles and UGVs : 40%



Advans Series

North-finding Inertial Navigation Systems for Land Defense



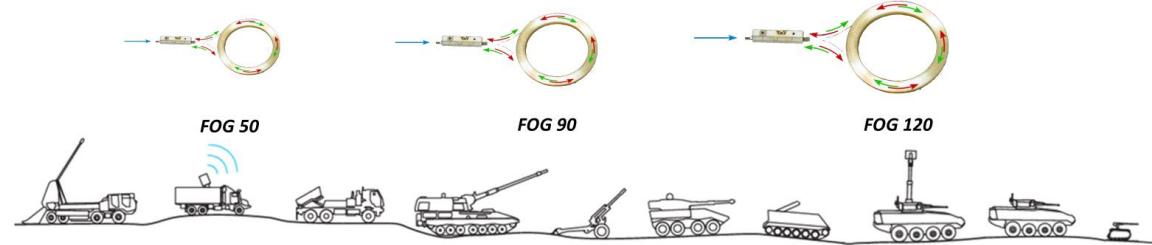
Advans Ursa
COST-EFFECTIVE INS FOR ALL TACTICAL VEHICLES



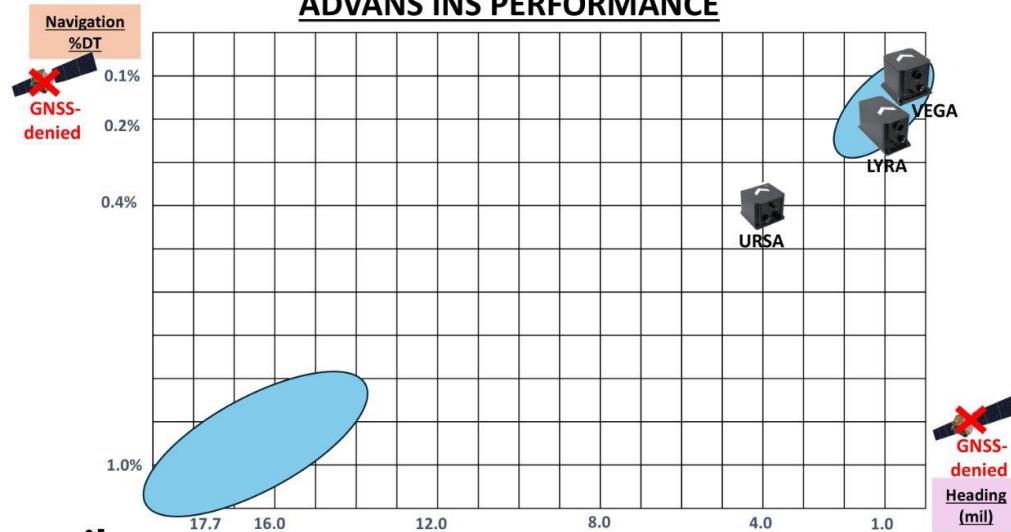
Advans Lyra
MID-GRADE INS FOR NAVIGATION AND POINTING



Advans Vega
HIGH-GRADE INS FOR LONG RANGE APPLICATIONS



ADVANS INS PERFORMANCE



exail



Designed for mission completion in GNSS-denied environments

exail

Exail Defense Systems

- Our Warfighters' Needs
- Integration Challenges/Barriers
- GNSS Denied Experts
- Long Term Partnerships
- Upcoming Use-Cases – flexible
- Reputation
- Control The Process – Vertical Integration
- Production Capacity – hundreds of units/month
- Ancillary Requirements
- Capability Range – Large Vehicle Platforms to One Way Kinetic Budget Conscience (C-UAS)





CONTACT INFORMATION

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TITLE: Director of Development

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WEBSITE: CommonGroundHelps.org

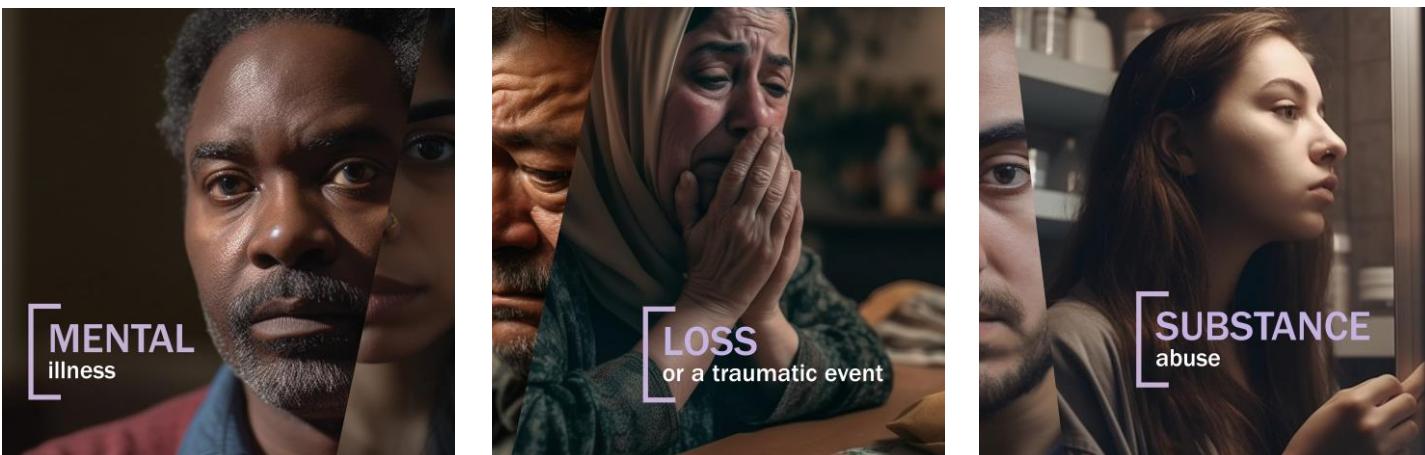
Who We Are

Helping people in crisis 24/7 is at the heart of everything we do by offering **hope, healing and recovery**.

Our caring and dedicated team meets people wherever they are: in person, call, text, chat, or virtually.

We listen, assist, and advocate for anyone needing emotional support so they do not feel alone.

We help people move
from crisis to hope.





Common Ground serves
over 200,000 people each year

Crisis Response
Suicide Prevention
988 / MiCAL
Frontline Strong
Mobile Crisis Teams
Behavioral Health Urgent Care
Mass Violence Response
Victim's Assistance Programs
Resiliency Centers
Corporate and Group Workshops

**Most importantly –
no one is turned away.**

3 Ways To Work With Common Ground

1. Share and utilize mental health resources!

- Save 9-8-8 in your phone – you can call from anywhere 24/7/365
- Bookmark BHUC's website and Common Ground's resource page
- **Follow Common Ground** on Linked In and social media and make sure to share our resources far and wide! @CommonGroundHelps
- Think Common Ground first for workshops and resources



2. Sponsor or attend Common Ground signature events

- Ride 2 End Suicide: May 16, 2026
- Celebration of Hope gala: October 16, 2026

3. Meet with our team to discuss other ways to get involved!

Development@CommonGroundHelps.org or scan this QR code





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Learn More Here

*Michigan's first CMMC Level 2 certified
MSP.*





99.21%

2025 Client Satisfaction Score

32,714

Tickets Resolved

80%+

First Call Resolution

108

Projects Completed
36.71% Increase from 2024

1,100

Pages of Documentation
Submitted for our CMMC
Audit

DONUTS & DEFENSE



VELOCITY



SwitchBox



CONTACT INFORMATION

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About Us

- **Our purpose** is to solve tough engineering problems to advance new technology. We do this by providing a one-stop platform integration house and a focus to deliver creative and efficient solutions for our customers.

- **Our Team** 35 experienced engineers, technicians, and builders are solution driven, and committed to providing on-time and quality solutions to our customers.

- **Our Facility**

- 12,000 sq ft of garage and integration space
- Five oversized vehicle and equipment bays
- Cooperative Office Space
- Based in Ann Arbor, MI



Software

Embedded, Model-Based,
Production V&V



Electrical

Wiring Harnesses,
Embedded Hardware,
PCBs



Mechanical

Packaging and Layout,
Power Distribution



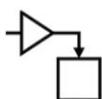
Systems

Concept Development,
Architecture,
Requirements



Integration

Vehicle Builds, Rapid-
Prototyping



Controls

Vehicle Supervisory,
Engine, Gateways



Thermal

Glycol, Refrigerant,
Cabin HVAC



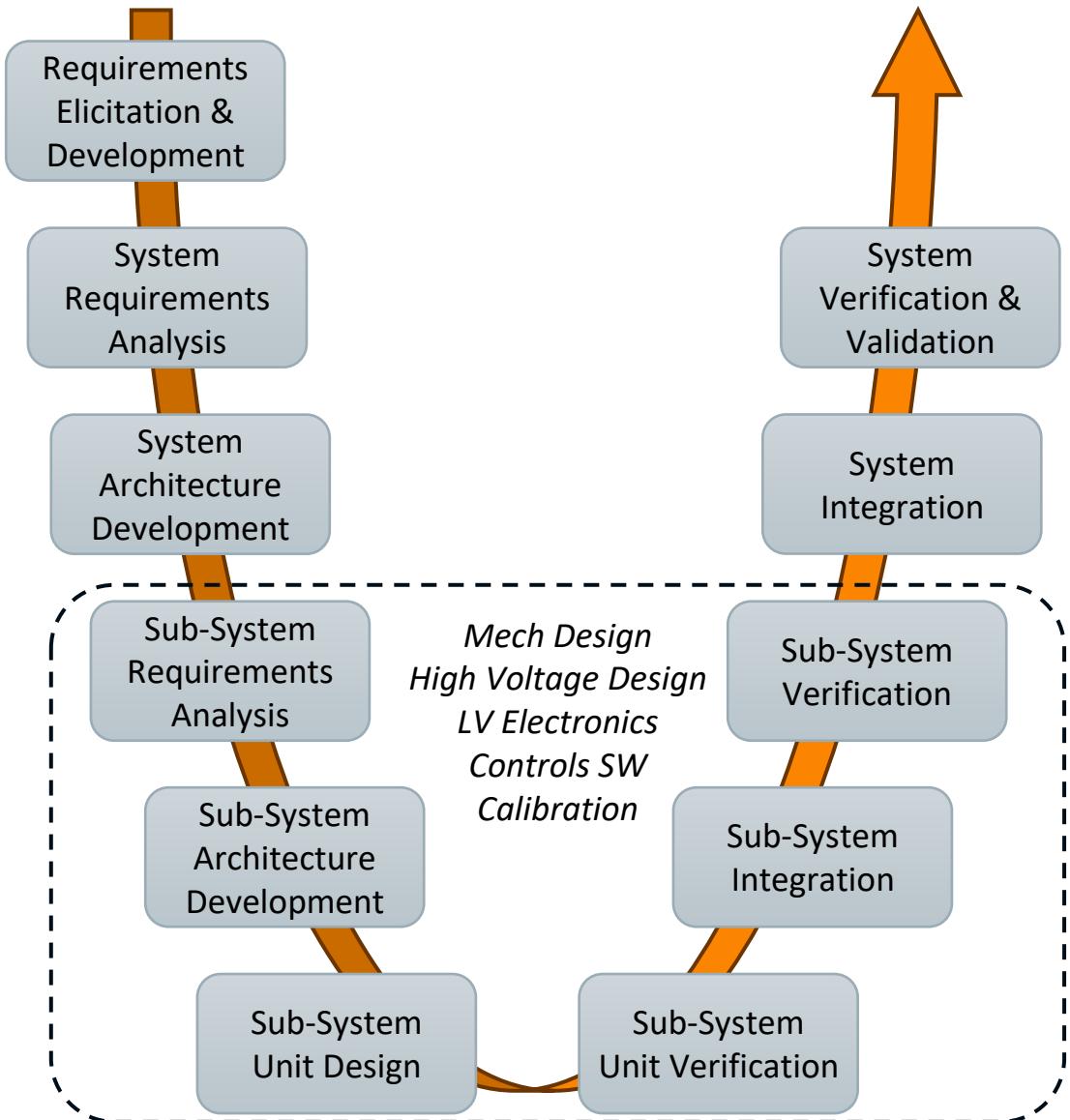
Functional Safety

ISO26262, UL4600, Cyber
Security

Phased V-Model Process

Each phase is done with increased rigor towards production

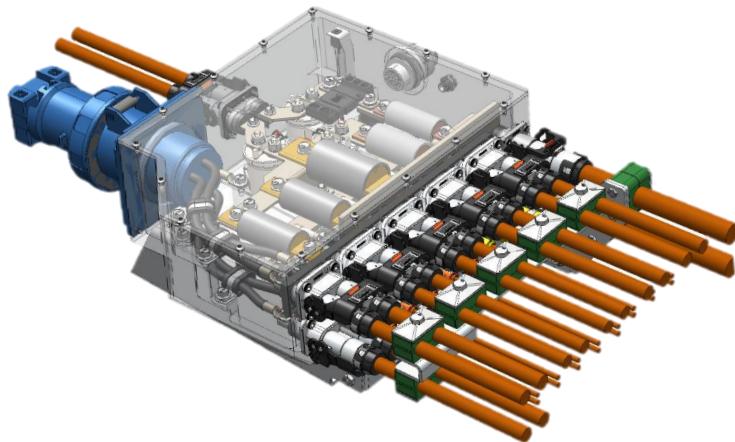
Phases	Objectives
CONCEPT DEFINITION	High-level definition and analysis (paper study)
CONCEPT VALIDATION	Creation of prototype
DESIGN DEFINITION	First draft production design and initial testing
DESIGN VALIDATION	Production design and DVP
PRODUCTION VALIDATION	Production-ready processes, manuals, and tools



Case Studies

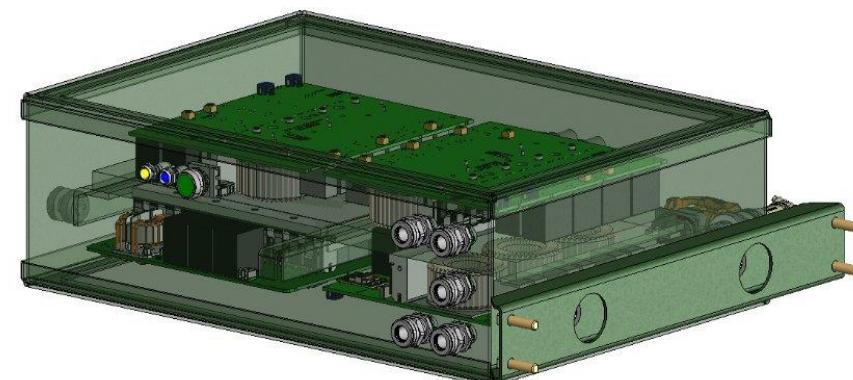
Drive-by-Wire Controls and Systems Integration

- Drive-by-wire vehicle program requiring structured controls development and verification
- Controller requirements, sprint-level controls development, bench and vehicle testing



Export Power Electronics

- Design an export power unit for military site power application
- System analysis and architecture for electronics right-sizing
 - Scalable architecture for higher power output needs
 - Packaging concepts for one or parallel housing scheme
- Power management controls to allow mode-switching



Series Hybrid JLTV and High Voltage Power Distribution

- Delivered test-ready software and hardware with documented interfaces and validation artifacts
- Designed and built custom HV PDUs tailored to system requirements
- Delivered production-ready hardware with documented designs and test artifacts

DONUTS & DEFENSE



VELOCITY



CONTACT INFORMATION

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WEBSITE: <https://www.ternespkg.com/>

What Does Ternes Packaging Do?



INDUSTRIAL PACKAGING



Handling large, heavy,
high-value components

CUSTOM PACKAGING



Light assembly and protective
packaging services

KITTING SERVICES



Pre-kitted components
ready for assembly lines

WAREHOUSING & STORAGE

Reliable square footage
for a complete solution.



TERNES



Reach out today, We'll Take It From Here



Scalable space and storage solutions



CONTACT INFORMATION

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HA Industries

- Founded in 1990
- Privately held, individual investor
- ISO 9001:2015 Certified
 - AS9100 under review
- ITAR Compliant
 - Anticipate CMMC2 compliant by end of 2026
- Aggressively focused on diversification and growth



Capabilities

Machining

- 5-Axis Milling
 - Simultaneous 5-axis machining
 - Up to Ø25.6" (650 mm) diameter
 - 19.7" (500 mm) Z-axis travel
 - Complex surfaces and tight positional tolerances
- Large Format Milling
 - Up to 84"(X) 34"(Y) 30"(Z)
 - Perfect for large plates, weldments, molds and dies
- Mill-Turn / Turning
 - Up to Ø18" (460 mm) turning diameter
 - Up to 26" (658 mm) turning length
 - Live tooling & Y-axis capability
 - Ideal for high-volume and precision components
- Quality & Inspection
 - Global S 9.15.8 CMM
 - Dimensional verification for tight-tolerance parts
 - Supports regulated and critical applications

Automation

- Custom Automation Systems
 - Engineered in-house to customer specifications
- Embedded Machine Learning & AI technology
- Industry leading Infrared welding knowledge
- Robotic Assembly Cells
- Modular Assembly Cells
 - One capital equipment purchase
 - Multiple, interchangeable Tool Carts
 - Tool Cart change-overs in < 15 min.
 - Interchangeable with multiple technologies
 - Optional dual-sided operation



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PURPOSE

Advance manufacturing to drive competitiveness, resiliency, and national security



VISION

Manufacturing is a diverse, thriving, and valued ecosystem



MISSION

Accelerate widespread adoption of manufacturing technologies and build North America's talent and capabilities

COLLABORATION

THE COEVOLUTION THEORY

Technology

An empowered strong industrial base

A robust and resilient supply chain

A technologically advanced ecosystem

Talent

An adequate and skilled workforce

A workforce reflective of our nations' people

An industry image of opportunity and innovation



Advanced Technologies: The Key to the Future

80% of manufacturers report that smart factories are **key to their success.**



Robotics & Automation



Artificial Intelligence



IoT Digitalization

Contact me at: Stacey Eeman, sleeman@sme.org or 586-255-1364

DONUTS & DEFENSE

CLOSING REMARKS/
NETWORKING/

Next Event: 8a-10a, 30 April



<https://wheelofnames.com/>



DONUTS & DEFENSE

11 FEB 2026
8:00 -10:00 am

Velocity
Collaboration Center
6633 18 Mile Rd
Sterling Heights, MI 48314



Let's connect on LinkedIn!

