



Pousson Enterprises LLC

Advancing SOF & DoD Capabilities Through Innovation

Innovation Initiatives

1. Introduction

Pousson Enterprises LLC is committed to advancing U.S. Special Operations Forces (SOF) and Department of Defense (DoD) capabilities through cutting-edge research and development (R&D). With **82+ years of combined experience**, we specialize in delivering **mission-focused, technology-driven solutions** that enhance operational effectiveness, force survivability, and small-unit dominance in contested environments. Our focus areas include **CWMD, EOD, ISR, cyber defense, next-generation warfighting technologies, and drone-enabled small unit dominance**.

2. Core R&D Focus Areas

A. PSYOP Innovation & Influence Operations

- Developing **AI-driven psychological operations (PSYOP) tools** to enhance influence campaigns and adversary decision-making.
- Advancing **cognitive warfare capabilities** to shape operational environments through targeted information dissemination.
- Innovating **behavioral analysis techniques** to improve predictive modeling for SOF and interagency operations.

A. Counter-WMD (CWMD) & Threat Mitigation

- Developing advanced **WMD detection, identification, and neutralization technologies** to counter emerging threats.

- Integrating **AI-driven risk analysis** and decision-support tools to enhance rapid threat assessment.
- Advancing **CBRN protective solutions**, including next-generation decontamination materials.

B. Explosive Ordnance Disposal (EOD) & Munitions Exploitation

- Innovating **autonomous robotic platforms** for EOD operations in high-risk environments.
- Developing **AI-powered UXO and IED identification systems** for enhanced situational awareness.
- Enhancing **counter-IED and blast mitigation technologies** to protect SOF personnel.

C. Integrated Air & Missile Defense (IAMD) & Force Protection

- Supporting advanced **multi-domain air and missile defense solutions** for CENTCOM operations.
- Innovating **sensor fusion and ISR capabilities** for enhanced real-time threat tracking.
- Partnering on **Iron Dome enhancements** with the Israeli Defense Forces (IDF) to advance missile defense capabilities.

D. SOF Modernization & Tactical Dominance

- Developing **low-signature, high-impact technologies** to improve small-unit lethality and survivability.
- Advancing **human-machine teaming solutions**, integrating AI with SOF operations.
- Designing **next-generation battlefield communications** for enhanced C2 and data-sharing in austere environments.
- **Drone-Enabled Small Unit Dominance** – Developing **swarm-capable drones, AI-driven ISR, and autonomous support platforms** to enhance tactical maneuver, force protection, and lethality in contested environments.

E. Cyber & Electronic Warfare (EW) Innovations

- Researching **offensive and defensive cyber capabilities** to counter asymmetric threats.

- Developing **hardened communications networks** for secure SOF operations.
- Enhancing **electronic warfare (EW) countermeasures** for contested battlespaces.

3. Innovation & Prototyping Capabilities

- **Rapid Prototyping & Field Testing** – Expediting R&D cycles for operational deployment.
- **AI & Machine Learning Integration** – Leveraging AI for **predictive analytics, ISR, and decision-making tools**.
- **Additive Manufacturing & Advanced Materials** – Developing next-gen lightweight, high-durability SOF equipment.
- **Addressing Capability Gaps** – Developing **non-material solutions** such as training, doctrine, and strategy, alongside **material solutions** like advanced weapons, sensors, and protective systems to meet evolving SOF requirements.

4. Strategic Partnerships & Collaboration

Pousson Enterprises LLC collaborates with **SOCOM, CENTCOM, interagency partners, defense primes, and leading R&D institutions** to ensure our innovations meet real-world operational needs. Our team consists of **PMP-certified project managers, TS/SCI-cleared personnel, and subject matter experts (SMEs)** across various defense domains.

5. Conclusion

Pousson Enterprises LLC is dedicated to **delivering mission-ready, future-focused technologies** to enhance SOF and DoD capabilities. By investing in **innovative R&D, rapid prototyping, and advanced warfighter solutions**, we drive technological superiority for the next generation of military operations.

6. Contact Information

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