



Portfolio
Company



VETERAN
OWNED BUSINESS

- DESIGN - ENGINEERING - INNOVATION -

EMPE

M A M M E N & P E E R Y C O R P



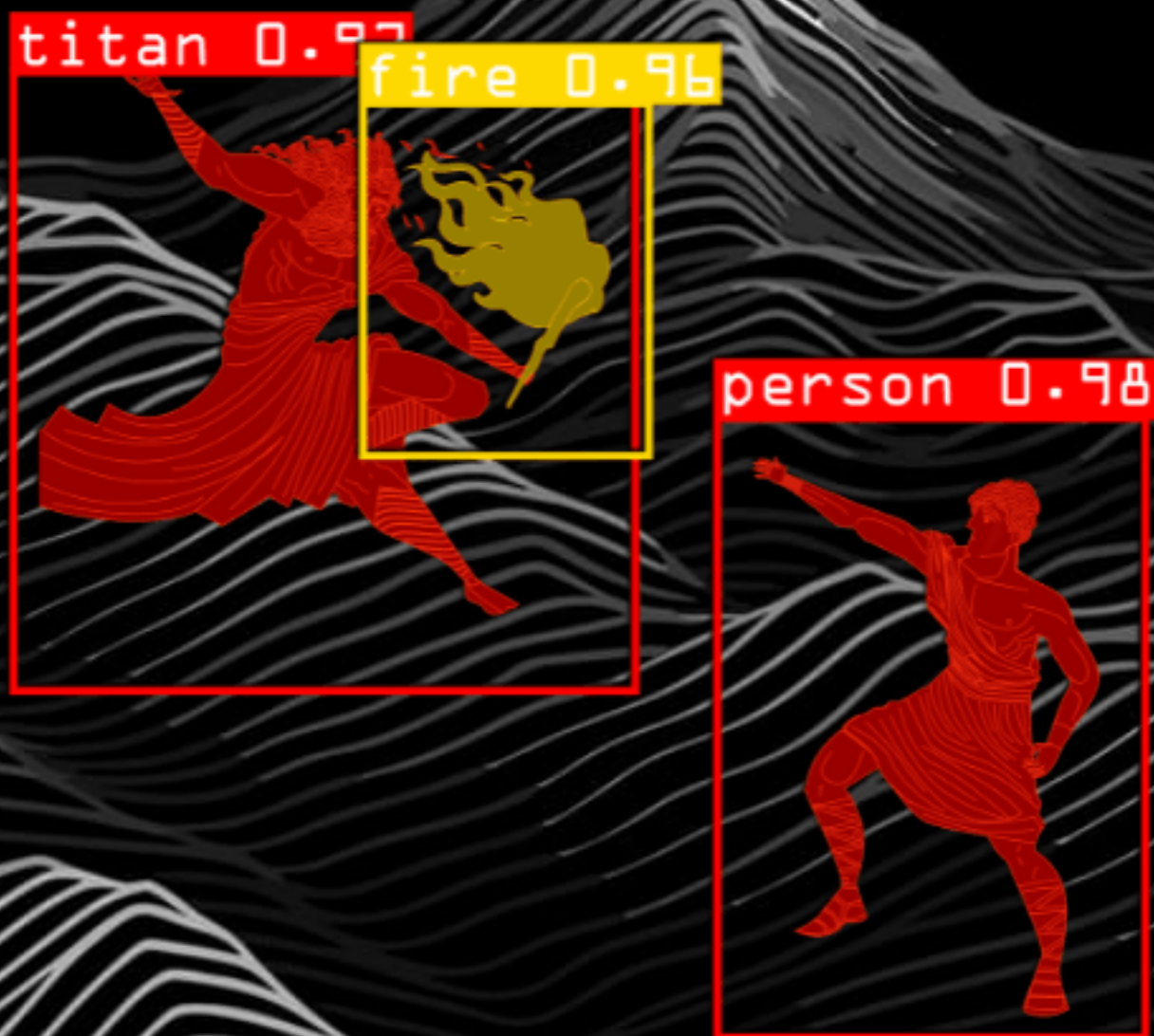
Vision Statement and Commitment to the American People

A world where people's safety, security, and prosperity are aided and enhanced by technology, not displaced by it.

All of our products are and will always be designed, developed, assembled, and packaged in the USA.

Any parts manufactured externally will only be contracted through NDAA compliant companies that already have established relationships with DoD entities.

Innovations



PROMETHEUS

[promɛːθɛʊs] - "forethought"

AI INTEGRATED SECURITY, SURVEILLANCE,
AND IoT COMMUNICATION SYSTEM



Current Innovations



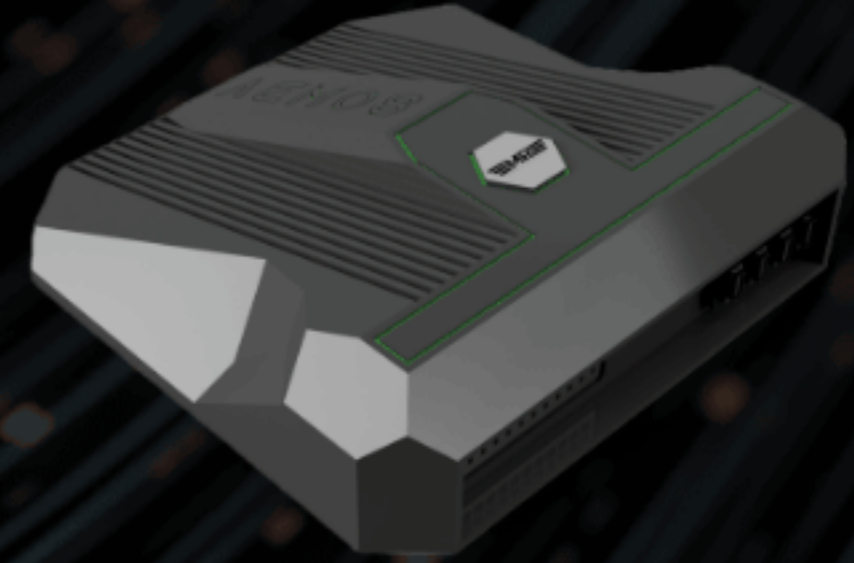
PROMETHEUS

AI Integrated IoT Network
Security and Surveillance
System



RALF

Affordable, Disposable,
Versatile, Quadruped
Robots



AEMOS

Efficient, Durable, Safe
Lithium-Ion Energy
Systems

PROMETHEUS

["promɛːθɪəs"] - "forethought"

AI INTEGRATED SECURITY, SURVEILLANCE,
AND IoT COMMUNICATION SYSTEM



SEAMLESS LIVE STREAMING IDENTIFICATION

Identification and live streaming with less than
1ms of lag at 720px and 36fps

AGNOSTIC ACTION-BASED VISION

Identify anything. Visual identification based on object
recognition, action association, and human behavior.

AGNOSTIC IoT AND SENSOR INTEGRATION

Control any device, integrate any sensor

LOCATION DETECTION AND TRACKING

Continuous tracking using computer
vision, RF detection, and GIS Mapping

MADE IN THE USA

NDAA compliant. Designed, developed,
assembled, and packaged in the USA.



VIDEO DEMO



RALF

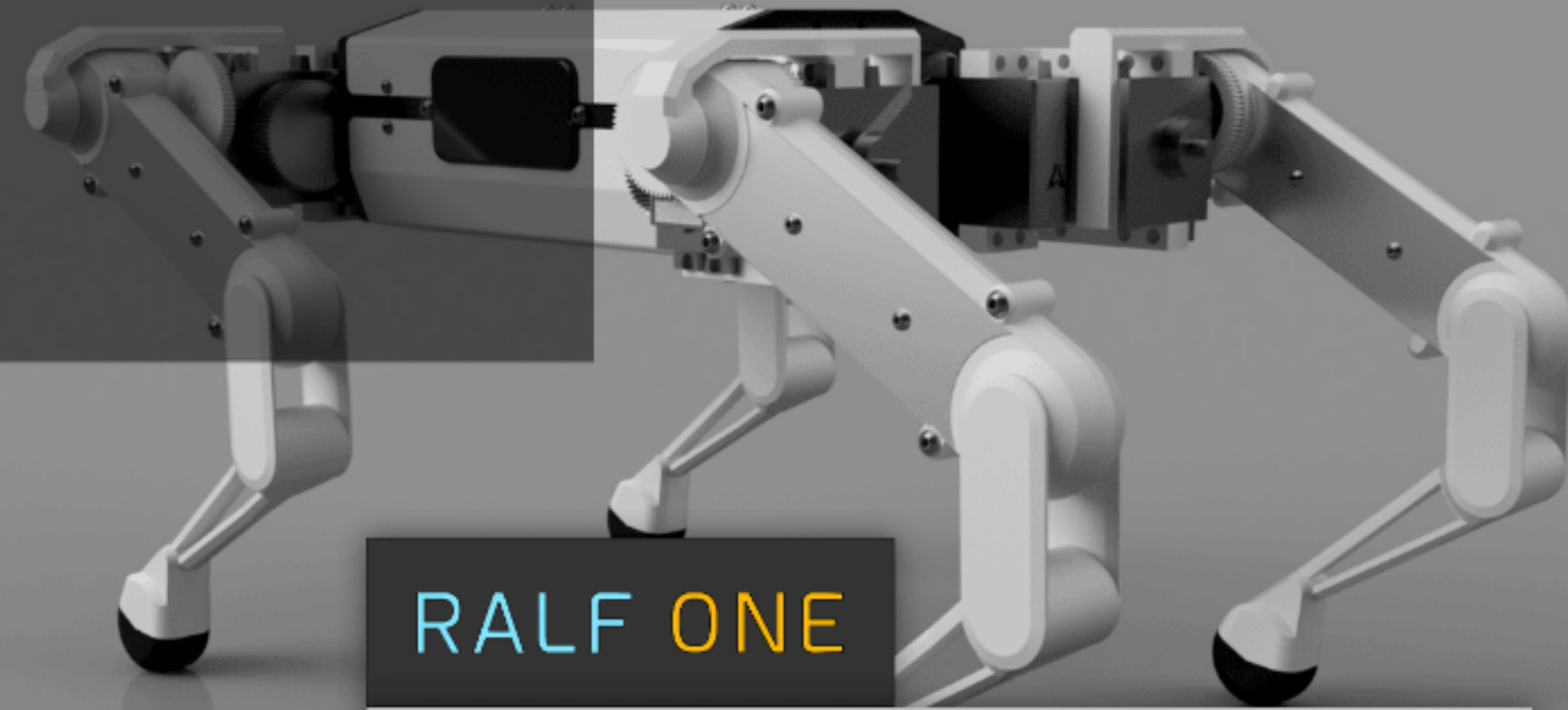
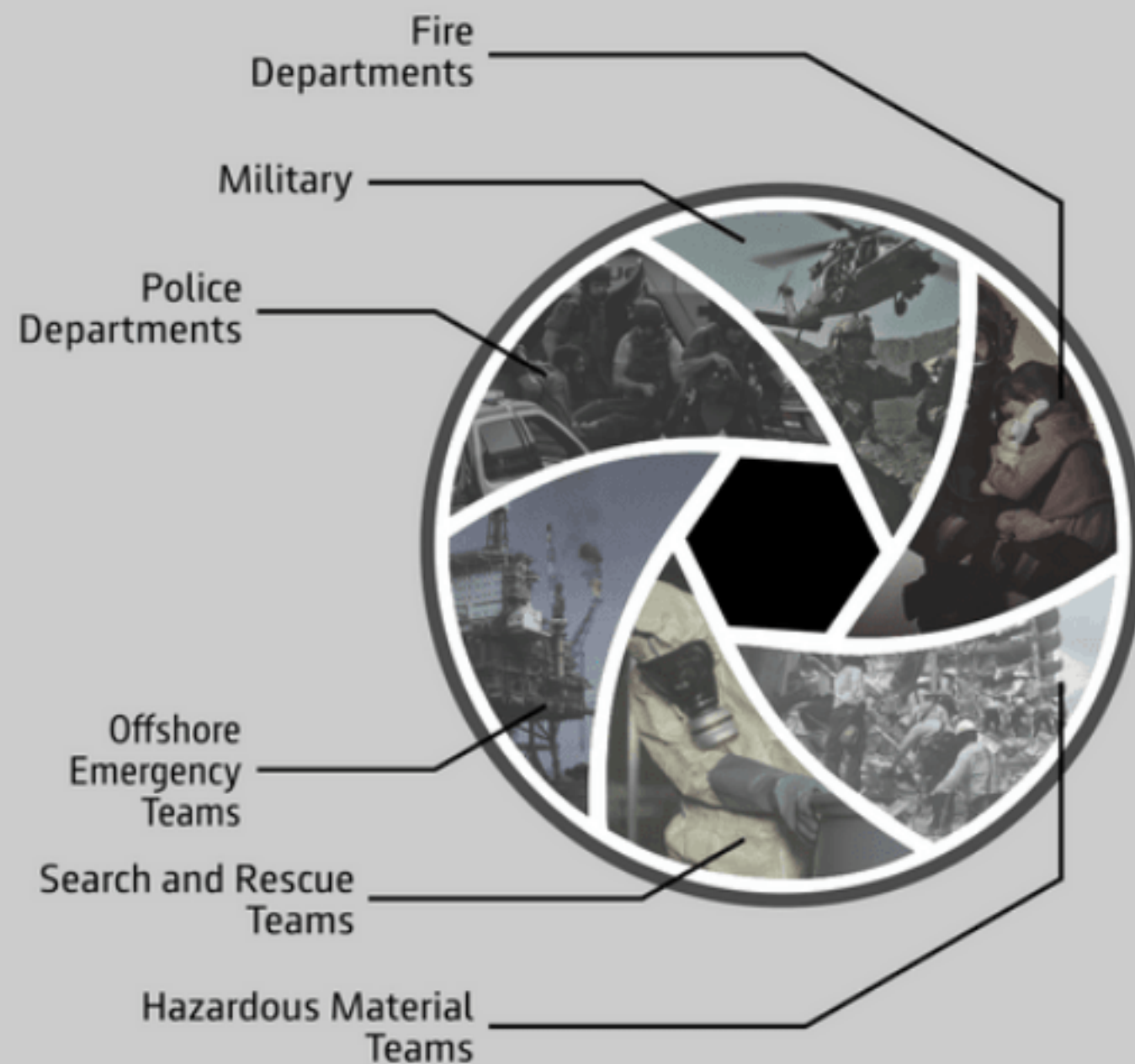
ROBOTIC ANIMAL LIFE FORM

BY MAMMEN & PEERY CORP

DISPOSABLE INDUSTRIAL QUADRUPED ROBOT

AFFORDABLE
DISPOSABLE
VERSATILE
REMOTE
AUTOMATED

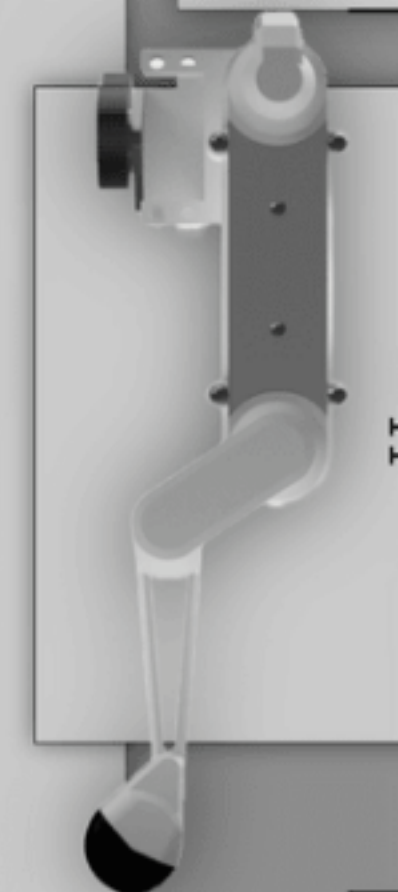
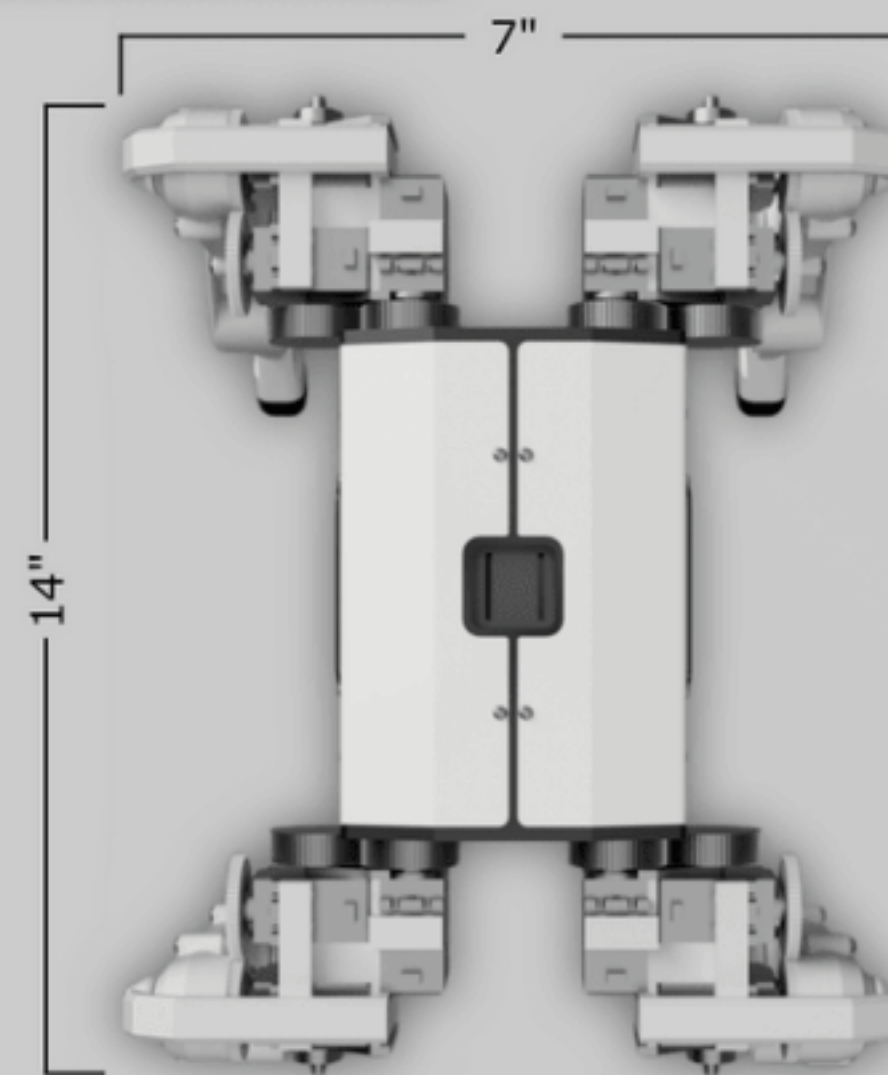
UNBEATABLE VERSATILITY



RALF ONE

- Enter situations **unsafe for human beings**
- Small enough to enter **confined spaces**
- Cost effective enough to be placed in **destructive roles**
- Can be controlled via **remote or automation**

DIMENSIONS



HEIGHT and CHASSIS THICKNESS

AEMOS SYSTEMS

BY MAMMEN & PEERY CORP

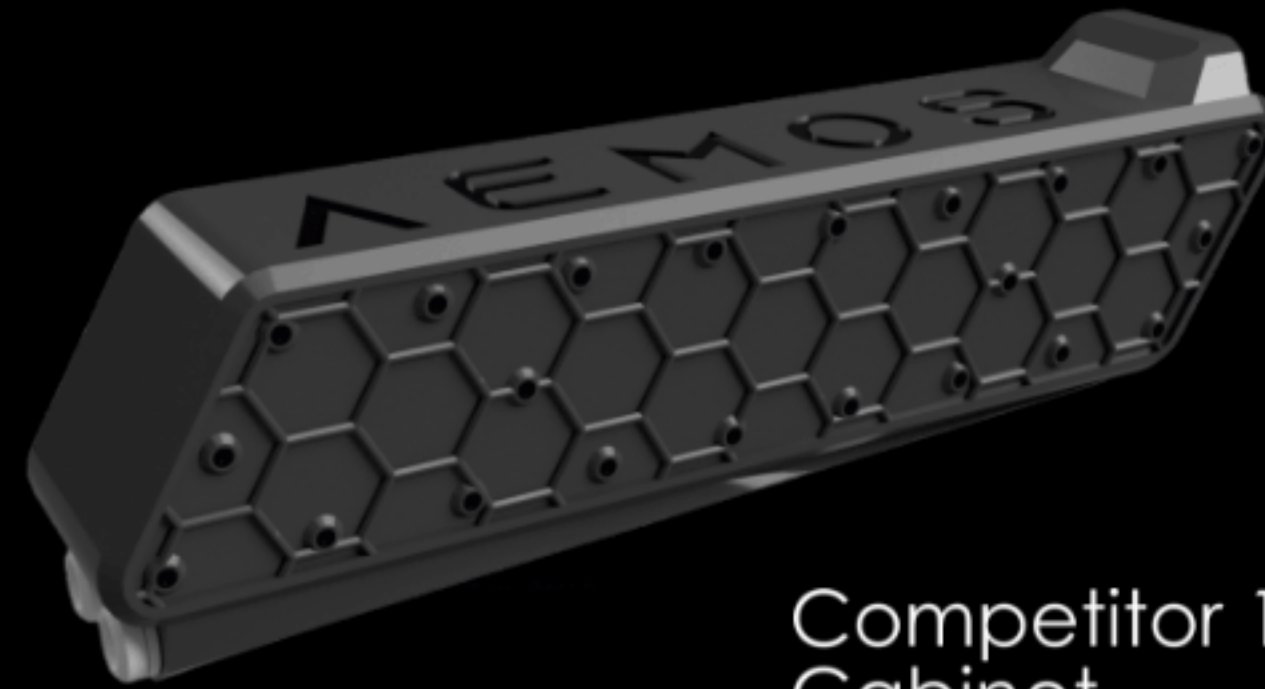
INTELLIGENT, SELF-MANAGING, DIRECT LIQUID-COOLED
LITHIUM-ION ENERGY SYSTEMS



- Safe.** Our systems have a **0% chance of catching fire** and are even **able to withstand damage** while maintaining power delivery.
- Modular.** Our systems are **infinitely stackable** to meet any need and components can be **purchased a la carte** as needed instead of only as part of some costly custom system.
- Efficient.** Our systems are over **10x more efficient** than our competitors and take up a **smaller footprint**.
- No More Electric Bills.** Our systems are even efficient enough to be setup as a **primary source of energy, not just a backup**.
- Power Anywhere.** Once charged, our **portable systems are ready to go** with you wherever you need power. Portable charging solutions are also available.
- USA Made.** All but one of our components are made in the USA. **None are sourced from China.**
- Texas Made.** Made in Texas, by Texans, for Texans. **50% of our board components** are sourced from right here in Texas.



MCU
Mother Computing Unit



ESP Energy Storage Pack

Cells per Cabinet: Infinite
Capacity: 13.3kWh

Individual Casing, No Cabinets
Mountable in Any Direction
Stackable in Any Direction
Infinitely Stackable
Purchased A la Carte

Dimensions:



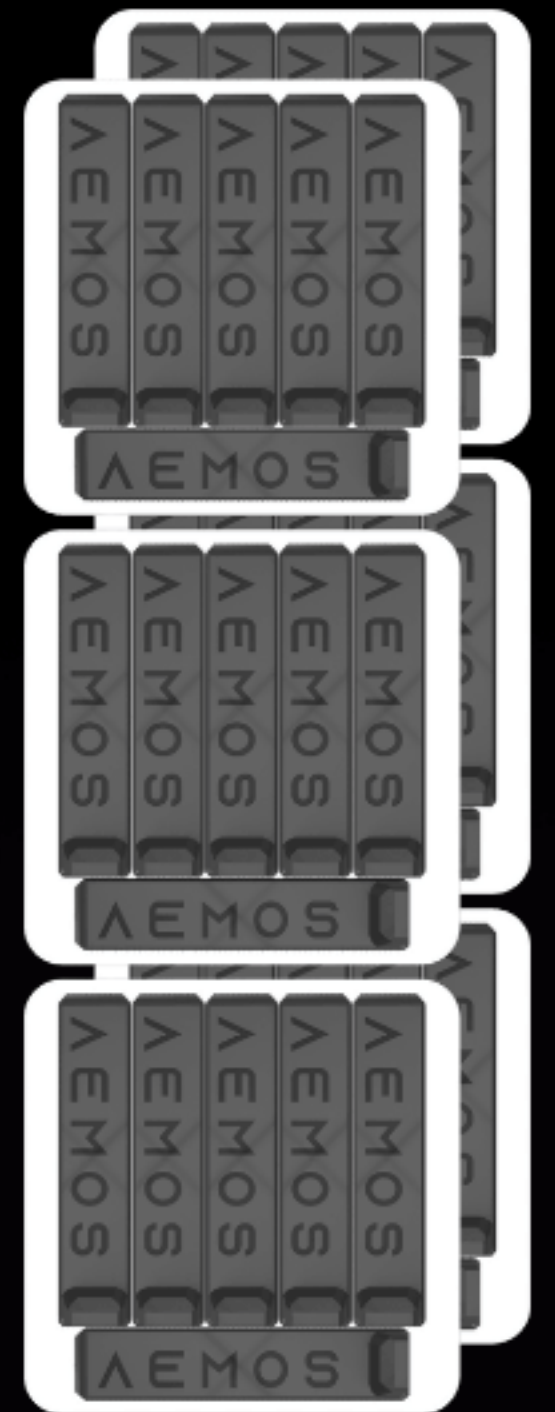
Competitor 1 Cabinet

Cells per Cabinet: 6
Capacity: 21kWh

AEMOS Same Footprint

Cells per Cabinet: 36
Capacity: 431.3kWh

**20x More Capacity
Same Footprint**



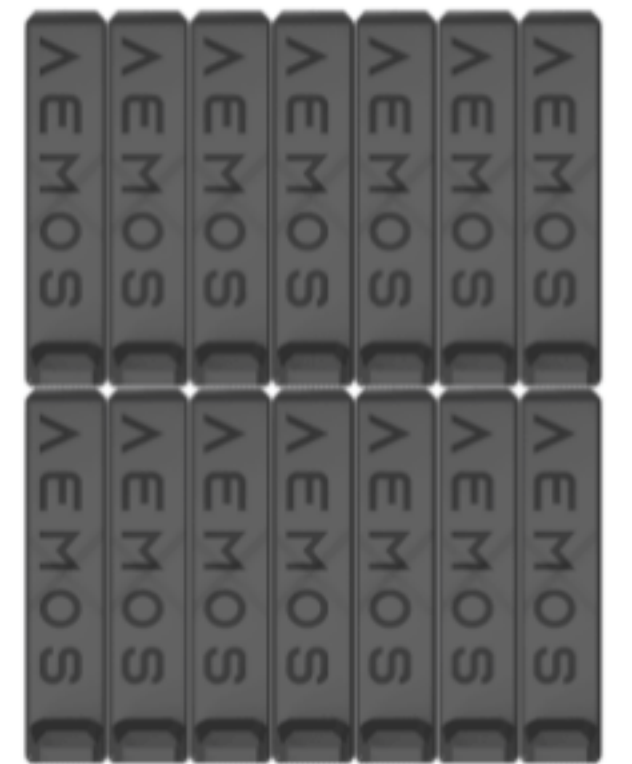
Competitor 2 Cabinet

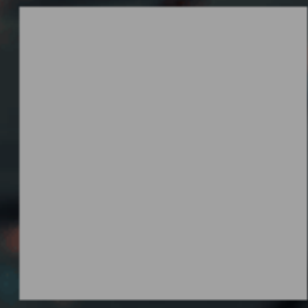
Cells per Cabinet: 1
Capacity: 13.5kWh

AEMOS Same Footprint

Cells per Cabinet: 14
Capacity: 167.7kWh

**10x More Capacity
Same Footprint**





Capabilities

Design and Engineering

- CAD Design and Engineering
- Simulation Testing

Development

- Ground-Up Hardware and Software Development
- Expertise in C++, Python, ROS, and more
- Custom IoT Device Integration
- Custom Sensor Integration
- AI Integration

Rapid Prototyping

- Additive Manufacturing
- Laser
- CNC

Manufacturing

Contract with USA and NDAA companies for services in:

- Injection Molding
- Custom Hardware
- Parts Manufacturing



Team



Mike McDonald - CEO

Former President - Gnostic Systems,
Former Director of Manufacturing
Solutions Central Region - Northrop
Grumman, Former Staff Engineer - IBM.
Had one of the first projects in knowledge-
based systems, now known as IoT.



Jake Mammen - CTO

Co-Founder

Certified Full Stack Roboticist. Veteran.
Extensive experience in ground-up industrial
design, engineering, and fabrication, as well as
the development of custom hardware and
software. Advanced development skills in
Linux, Python, C++, and ROS.



Jake Peery - CFO

Co-Founder

MBA. Extensive experience in business
financial management, cost-analysis, risk-
analysis, projections, client relations,
ground-up business development and
growth, bootstrapping, human resources
and hiring, project management, team
management, resource allocation,
negotiations, and in-person sales.



Joey Gomez - Director of Sales

US Navy AOCS Graduate. Former Technical
Sales Regional Manager, Former Energy
Specialist - HILTI North America. Former
Design Engineer - Hughes Aircraft Electron
Dynamics Division. Active Texas State Guard
Team Leader NASAR Certified Search and
Rescue Teams.

Advisors



Michael T. Brown, Colonel US Army (Ret)

Former Director of Army Customer Requirements and Advocacy, Electronics Systems, BAE Systems. Focus areas included tactical Brigade Combat Teams (Heavy, Infantry, Stryker), Training and Doctrine Command Centers of Excellence, Warfighting Forums. Mike was lead subject matter expert for Army Component Commands to the worldwide military Combatant Commands (COCOM), particularly NORTHCOM, PACOM and CENTCOM.

Mike Brown retired in January 2003 as a Colonel after over 26 years of service and received military awards and decorations including the Distinguished Service Medal, Legion of Merit, Bronze Star Medal, as well as the Staff Identification Badges for the Joint Chiefs of Staff and the Army Staff.

Get in touch with us!

Website

www.mammenandpeery.com

Email

jakep@mammenandpeery.com

