

FREEDOM

DEFENSE GROUP



Mobility Enhancement Kits

FDG Vehicle Enhancement Categories



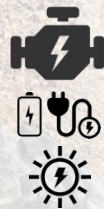
Custom Vehicle Conversions

- Search and Rescue/MEDEVAC
- Fire Suppression and Support
- Law Enforcement
- Utility



Enhanced Lighting/Siren Solutions

- Emergency vehicle lighting and siren systems
- Integrated IR lighting for covert applications



Mobile Power Generation and Distribution

- Exportable Power Upgrade Kits (5kW)
- Battery and Device Charging Stations
- Solar Power Paneling/Charging



Communication and Networking

- Vehicle antennas (voice and data)
- Radio and mobile device integration
- Passenger communications
- GPS and vehicle tracking (even in denied environments)



ISR, Drones and Jamming

- EO/IR and surveillance systems
- Drone transport, charging and control terminals
- Counter UAS and drone jamming systems



Weapon Platforms and Storage

- Advanced mounted targeting systems
- Weapon mounting solutions
- Secure weapon storage

Custom Vehicle Conversions

MED EVAC



FIRE RESCUE



SECURITY



ARCTIC OPERATIONS



STORAGE/SUPPORT



Enhanced Lighting Solutions

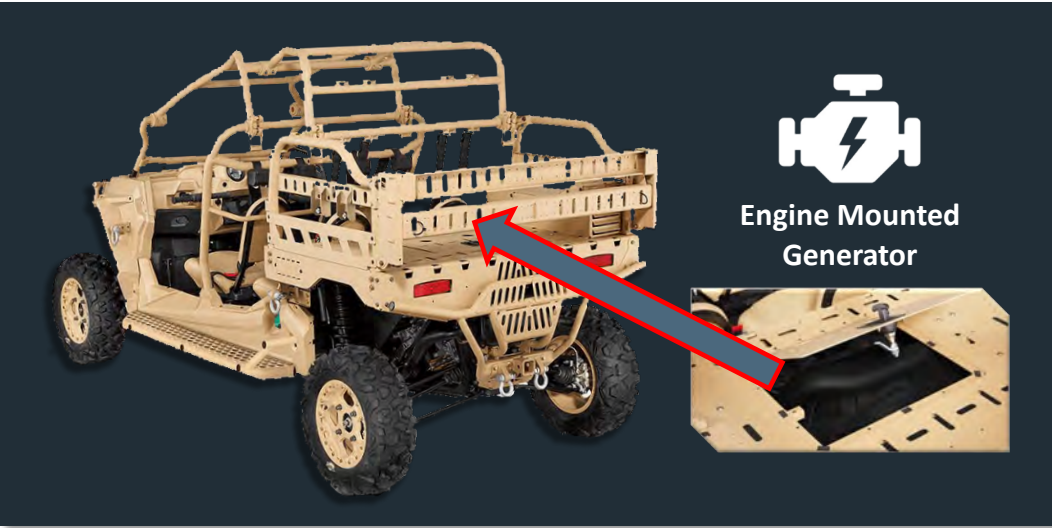


UTV Lighting and Siren Solutions

- Tri-Color iLEDs provide intense and steady illumination
- Full 360° vehicle lighting options
- IR lighting options for covert applications
- Interchangeable light modules for lightbar customization
- Digital siren and control panel with push button controls

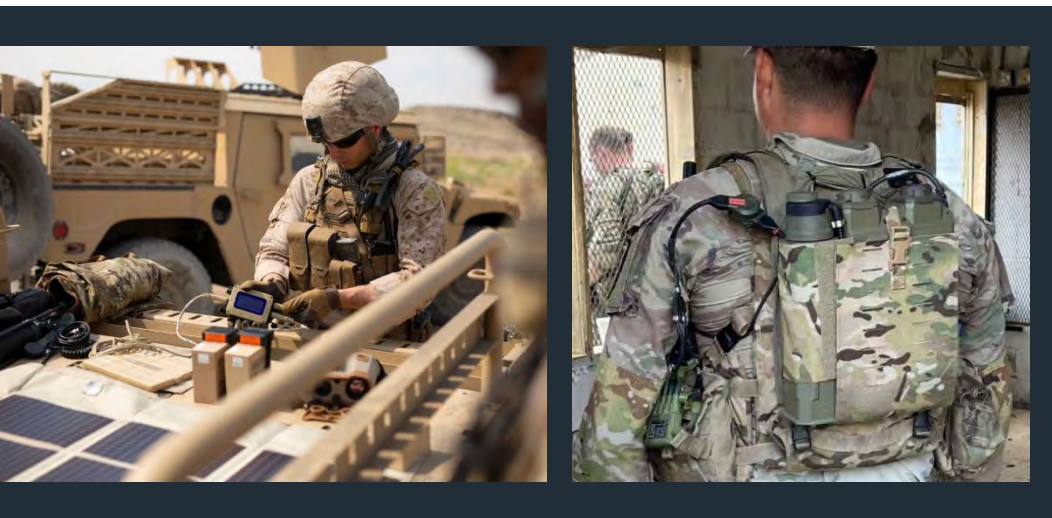


Mobility Power Options



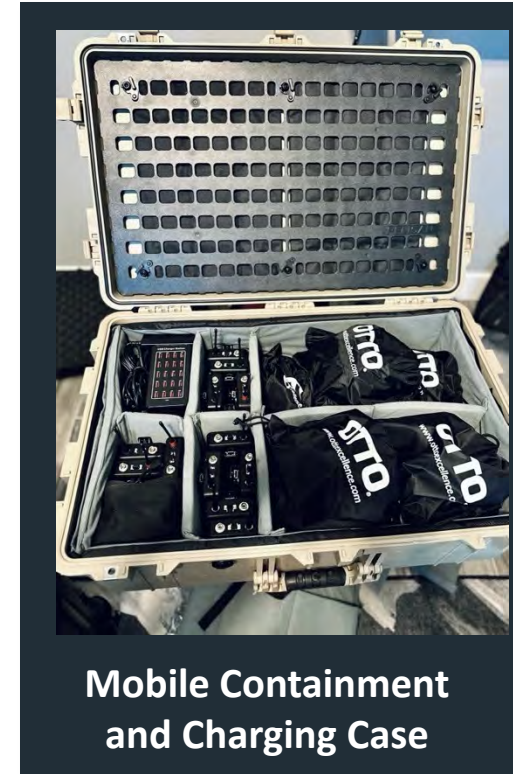
UTV Exportable Power Upgrade Kit

- 3-Stage generator puts out 5kW @ 24 VDC
- Does not reduce original payload area
- Capable of powering technology add-ons
- Can be user installed on existing vehicles



Power Distribution and Portable Power

- 1 centralized hub for device and battery charging
- Swap between vehicle or portable power sources
- Ruggedize for military and off-grid use
- Integrates with solar panels for alternative charging



Communications and Networking



Low Profile TACSAT and UHF Antenna

- Low profile and lightweight (16 lbs.)
- UFO and MUOS compatible
- Built-in ground plane

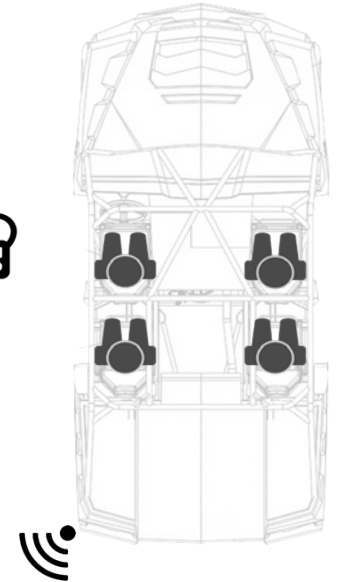


Wireless Communications

- Wirelessly interconnect multiple users/talk groups
- Clear communications in extreme high noise
- Provides certified hearing protection
- Easily transition from headband to helmet mount
- Integrates into existing radios and mobile-phones
- 18-hour battery life, operating range of up to 4,000 ft LoS



Integrate existing ground/vehicle radios and mobile-phones



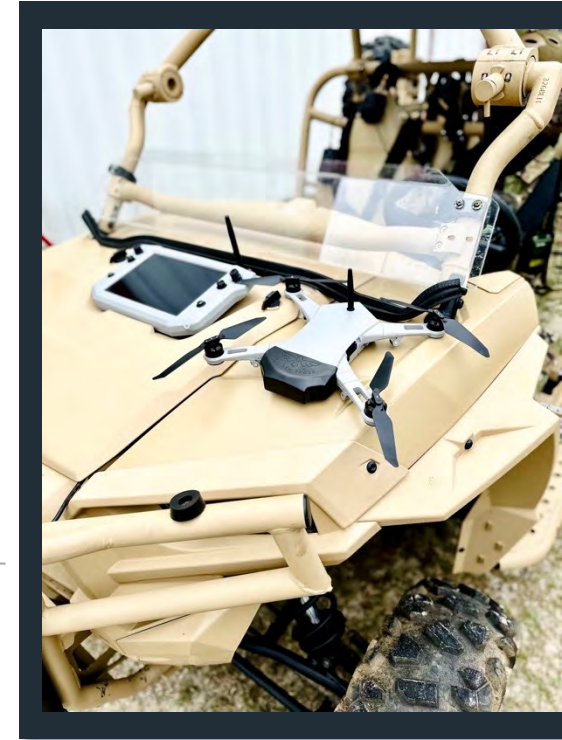
Wireless encrypted communications between passengers and vehicles

ISR, Drones and Jamming



EO/IR Ball and Surveillance

- Track assets and identify long range targets
- High resolution low light and thermal imaging
- Transmit live feed or HD images



Mobile Drone Mitigation

- Lightweight vehicle mounted system
- Over a 3-mile range
- Operates on 12v DC
- Does not interfere with GPS, Radios, Wi-Fi

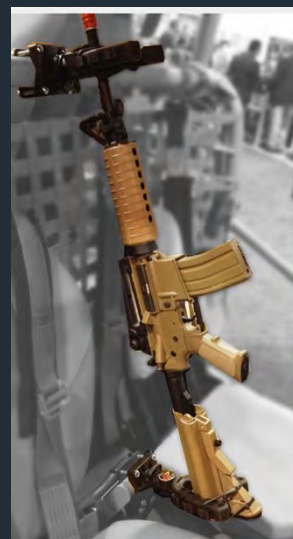
Single and SWARM Drone Systems

- EO/IR camera system with digital 10X zoom
- Rugged unibody design and field serviceable
- Single or multi-vehicle tactical controller
- Charge on-the-go via mobility containment case

Weapon Platforms and Storage

Remote Weapon Stations

- Ultra light, stabilized and highly accurate
- Designed for 5.56, 7.62, .50 cal. and 40mm weapons
- All sensors housed in single compact unit
- Easy to transport 165 lbs. gimbal and sensor unit



Personnel and Squad Weapon Mounting

- A and B pillar machine gun mounting
- MLRS and HIMARS rocket system mounting
- Assault rifle mounts for rapid mounting/dismounting
- Locking gun drawer systems also available

Contact Freedom Defense Group



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