



# EOD Response Systems



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# OMNITRU AT A GLANCE

- Founded in 2008 with the vision to be a leading global defense and security solutions provider with particular emphasis supporting counterterrorism units, special security forces and other end users with highly specialized mission requirements
- Specializes in turn-key defense and security solutions for government agencies with growth into adjacent markets by commercializing capabilities for use by the private sector
- Excellent Industry relationships to provide highly customized C5ISR solutions, Protective Systems, Training and Technical Collection Capabilities to the broader U.S. DoD and partner nation governments.



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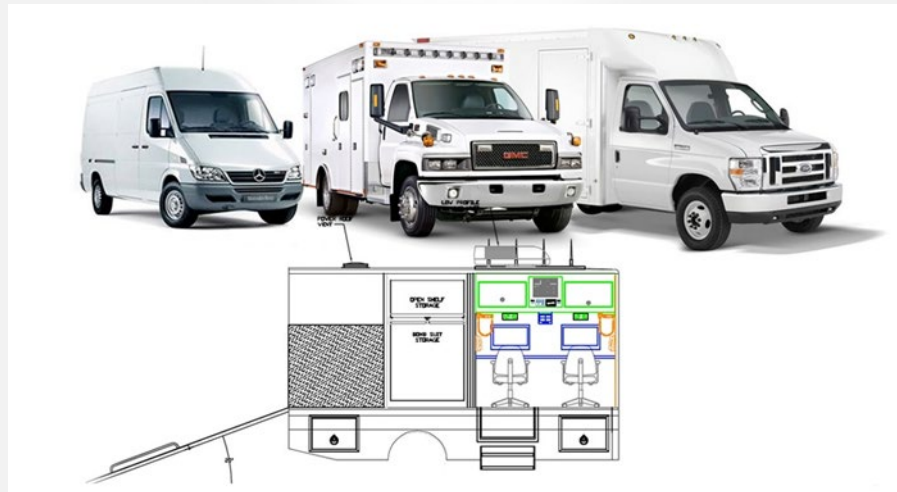
# OMNITRU EOD Systems

- Turn-key EOD solutions
  - Response Vehicles
  - Total Containment vessels
  - Remotely Operated Vehicles
  - EOD tools and accessories
  - Bomb suits
  - Chemical detectors
  - Training
- Customized solutions to meet your specific requirements
- Responsive support



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# Response Vehicles



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# Explosive Containment Vessels



**Total Containment Vessels**



**Fragment Protection  
Shield**



**Bomb  
Transportation Bin**



**Bomb Protection Blanket**



**Bomb Containers**

# Remotely Operated Vehicles



**FX**

**Large ROV**



**Spartan**

**Medium ROV**



**Mikro**

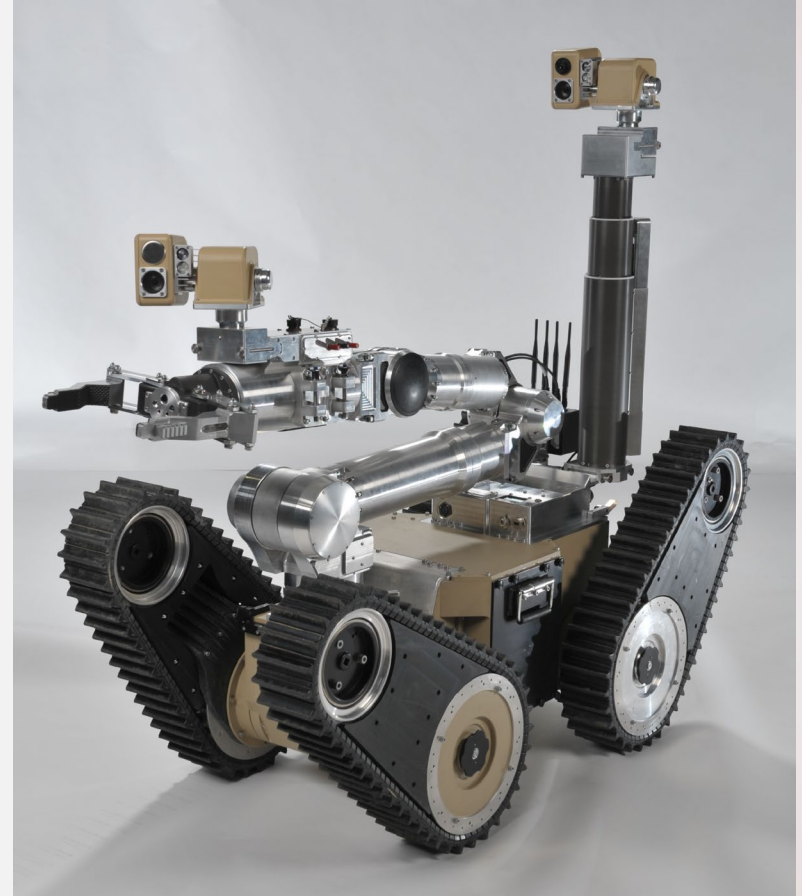
**Man portable ROV**



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# Andros FX Heavy Duty EOD Robot

- Best primary response ROV when vehicle weight is not an issue
- Provides best counter – VBIED capabilities
- Wide range of tools
- Best lift and reach
- Can fire all disruptors – not restricted to recoilless disruptors



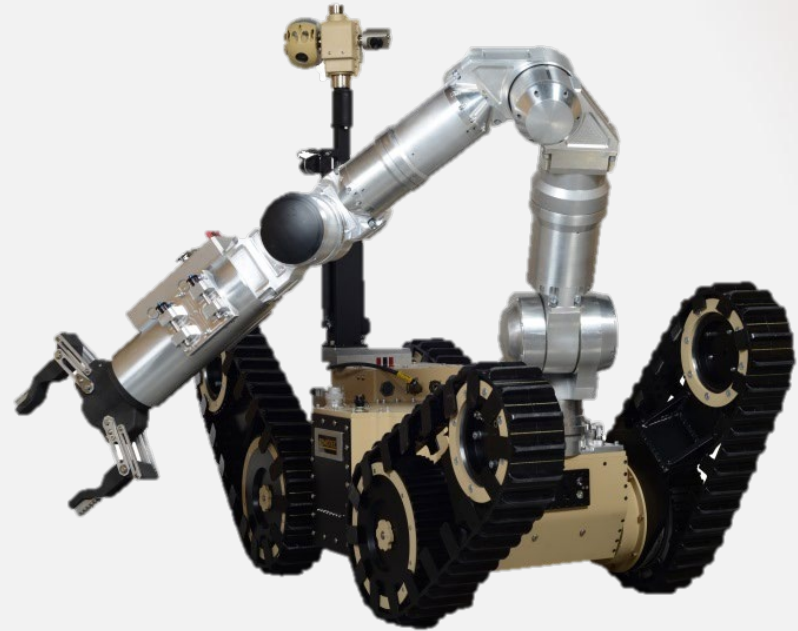
# FX Specifications

## Vehicle

- Weight: 454 Kg
- Speed: 0 – 8 kph
- 45° slope / 45° stairs

## Manipulator

- 7 DOF base / 9 DOF with optional rolls
- Lift: 57 Kg full extension / 125 Kg close to front
- Reach (horizontal): 208 cm
- Gripper palm camera

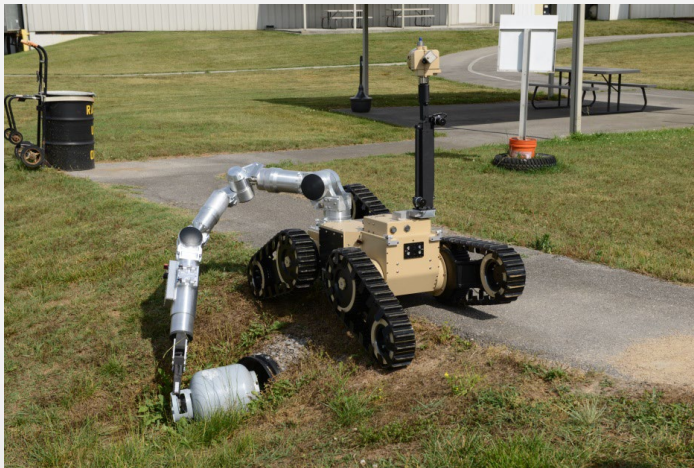


## Communications link options

- COFDM radio: 1000+m LOS range
- Fiber optic cable: 610m
- 2 way audio



# Andros FX mobility and dexterity



# Andros Spartan

- Spartan and its' predecessor, the F6B are the most widely fielded and used US First Responder large robots
- Operator Control Unit has
  - Preset positions for the arm and articulators
  - On screen graphics for arm and articulator positions
- Fires all disruptor rounds
- Articulated tracks for stair climbing and maneuvering in confined spaces



# Spartan Specifications

## Vehicle

- Weight: 272 Kg
- Speed: 0 – 5.3 kph
- 45° incline / 37° stairs

## Manipulator

- 8 DOF
- Lift: 36 Kg full extension / 125 Kg close to front
- Reach (horizontal): 190 cm
- Gripper palm camera



## Communications link options

- COFDM radio: 1000+m LOS range
- Fiber optic cable: 366 m
- 2 way audio

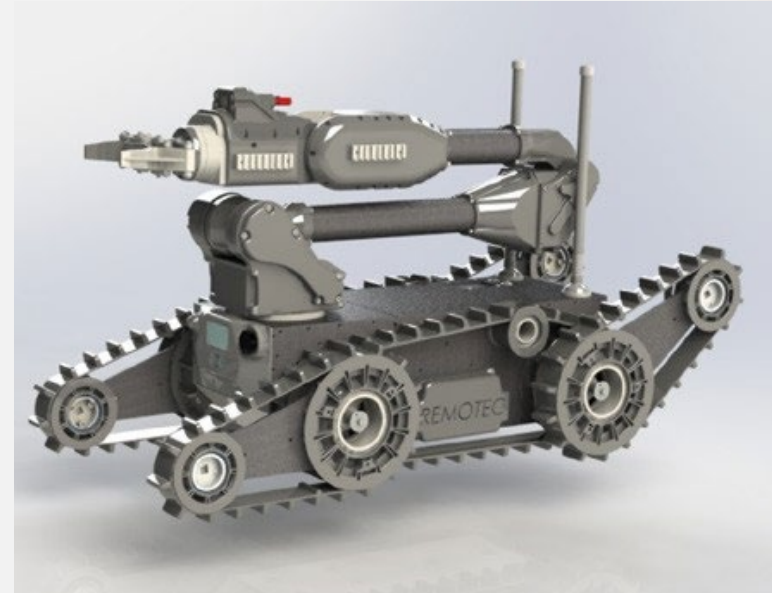
# Andros Mikro Man-portable ROV

## Vehicle

- Weight: 30 Kg
- Speed: 0 – 8 kph
- 45° stair and slope capability

## Manipulator

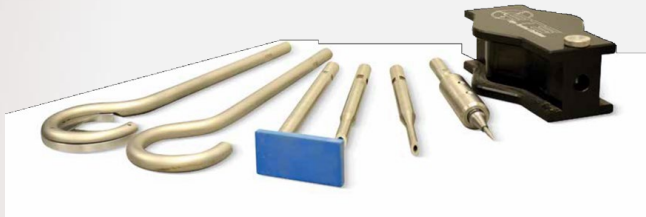
- 5 DOF base
- Lift: 6.8 Kg full extension / 13.6 Kg close to front
- Reach (horizontal): 114 cm
- Gripper palm camera



## Communications link options

- COFDM radio: 800+m LOS range
- Fiber optic cable: 330 m
- 2 way audio

# ROV Tools and Accessories



## **B.A.T.S. (Block Accessory Tool) System**

- Cut away a suicide bomber vest
- Puncture a car tire
- Break a car window
- Rescue a person without losing the full use of the gripper



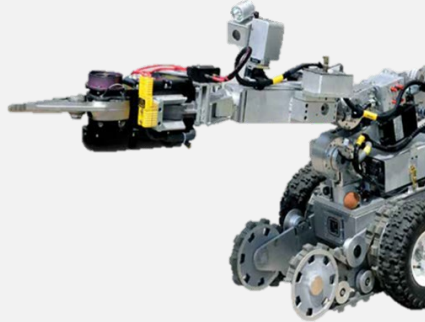
## **Single and Dual Disrupter Mounts** **Disrupter Mounts are designed for:**

- PAN Disruptors
- 20 mm or 29 mm Neutrex disrupters
- 12-gauge Royal Arms Disruptors
- Optional Lasers and Weapons Sighting Camera Kit available for increased accuracy



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# ROV Tools and Accessories (Cont.)



Electric Jaws Of Life

- Mechanical breaching
- Vehicle entry
  - Doors
  - Trunk
- Lock removal
- Controlled via Remotec OCU
- Can be used on the FX and Spartan



iRecon HD Camera System

- The most capable, highest quality Pan-Tilt-Zoom, gripper-held camera accessory on the market.
- Missions from undercarriage vehicle inspection to confined space surveillance
- Takes only seconds to install

# Bomb Suits



**SPS-15  
Bomb Suit**



**SPS-10a  
Bomb Suit**



**Search Suit**



**Demining Suit**



**Demining Apron**

# X-ray Systems



**High resolution / high quality Images**

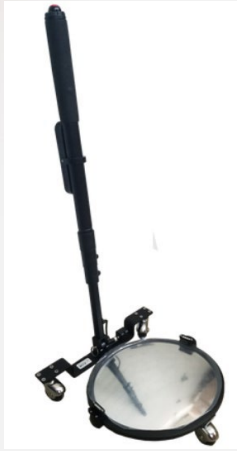


# Rigaku CQL Chemical Analyzer

- Identifies narcotics, explosives, chemical warfare agents, household chemicals and more
- Automatic mixture analysis of up to 5 components
- Identifies bulk and trace levels of substances (with optional QuickDetect™)
- Adds pictorial evidence using on-board camera for traceability
- Adjustable nose cone allows for scanning through different thickness and types of packaging



# EOD Tools



Search Mirrors



Hook and Line Kits



EOD Tool Kits



Grabbers

# EOD Training

- Training tailored to meet user requirements
- Taught by experts using latest Tactics, Techniques and Procedures
- New equipment and refresher training



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# Summary

- OMNITRU has broad experience as a trusted advisor and provider of EOD solutions
- OMNITRU has partnerships with industry leading OEM's to provide stand alone products or complete solutions to meet a wide range of user requirements
- OMNITRU is dedicated to providing after sales support to keep your systems mission ready



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# For Additional Information Please Contact

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