ESI Apparatus division, dominant in the field of custom purpose-built first responder apparatus, is adding a new and unique innovation to their Rapid Response Unit (RRU) line. Introducing, XRU (Xtreme Response Unit), a highly functional off-road rescue response vehicle designed by TOMCAR to be easy to operate with limited training. The four-wheel independent suspension allows a smooth and comfortable ride over the most rugged terrain and can travel up to 65 MPH. The XRU is transformable to be mission-built for the ever-changing responders’ specific needs.

THE ENGINE
YOUR CHOICE OF GAS, ELECTRIC OR HYBRID. TOMCAR is equipped with a rear-mounted gas, diesel or electric engine.

GAS – 1.5L four-cylinder 16 valve engine providing enough power and range for days of work in the field.

ELECTRIC – A fully electric model is available with up to 90KW (120 HP) and optional diesel engine range extenders.

HYBRID – Parallel power train combining 160 HP, 2.1L turbo diesel engine and a 96V, 60HP electric motor.

THE SUSPENSION
Taking you anywhere and back. Heavy payload? Going over harsh terrain? It’s nothing our adjustable Racing Shocks and Eibach Springs with Bump stop can’t handle. With a long travel, 4-wheel independent suspension, specifically designed to prevent roll-over and absorb the harshest terrain for extended periods of time.

LOW CENTER OF GRAVITY
Thanks to its unique design, only TOMCAR gives you a very low center of gravity combined with the highest ground clearance of any off-road utility vehicle available.
THE FRAME
AN ARMORED “COCOON.” TOMCAR’s frame is made of over-sized, high grade steel, which is fully welded to create an armored “cocoon” that protects occupants from injury. The undercarriage skid plates are made from aircraft grade aluminum allowing the TOMCAR to glide over the largest of obstacles. All TOMCAR frames come with a lifetime warranty for decades of reliable service.
*Engineered to meet Roll Over Protection Standards of ISO 3471:2008 & compliant with ANSI ROHVA-12011

SAFETY
DESIGNED FOR POWER, ENGINEERED FOR SAFETY.
Beyond its tough steel frame, all TOMCAR models include 4-wheel disk brakes, emergency parking brakes and 4-point safety harnesses. Additional options include; full coverage windshield, a soft canopy top, full or half doors, LED Lighting, a 9,500-pound winch, fire extinguisher, tow bar and aftermarket suspension seats.

GROUND CLEARANCE
AN INDUSTRY LEADING 17” OF GROUND CLEARANCE. With TOMCAR’s whopping 17” of ground clearance, this vehicle is tall enough to float over rocks and debris yet still agile enough to scale stony hillsides. TOMCAR’s drive components are shielded by a single piece high grade aluminum skid plate which protects the entire underside of the vehicle.

PAYLOAD
CARRY THE COMPETITION, LITERALLY. TOMCAR boasts a class leading payload of up to 2,700 pounds over 100% standard without compromising the stability, smoothness and safety of the ride.
MISSION BUILT:
A wide range of missions such as Firefighting, Medical, Command, Hazmat, Parking Garages, Special Events, Search and Rescue, Urban Response and Forestry can be successfully achieved because of the XRU’s design features and ESI’s custom ability to serve specific mission requirements. The XRU can carry fire, medical and rescue support equipment for your response needs, whether maneuvering through rough terrain, accessing hard to reach locations, tight urban environments or navigating through large crowds.
All models give the customer the flexibility to build and outfit their XRU to best fit their needs. Extensive options are available to construct an XRU configuration that will meet your mission specific requirements.
BENEFITS:
- Military engineered vehicle for no failure mission response
- Designed to be easy to operate
- Capable of traveling at speeds of up to 65 miles per hour
- No special training required
- Easy to repair; inexpensive to maintain
- Durability—Withstands continual use over extended periods

TX HIGHLIGHTS:
- Engine:
  1.5L Gasoline Engine, 4 Cylinder, 16 Valves
  120HP Electric Motor with Diesel 30HP Range Extender (TX3 Only)
- Suspension:
  Four Wheel Independent Suspension (Racing Shocks)
  Rear trailing Arms with 13.5” of Wheel Travel
  Front Dual Arms with 14” of Wheel Travel
  Rear Load Air Compensators
- Transmission:
  On-The-Fly 2WD/4WD Engagement
  Heavy Duty CVT
  Transfer Case High, Low and Reverse
  Front and Rear Differential with Pneumatic Lock
  Independent Rear Final Drive
- Power Steering
- Ground Clearance: 17”
- Short or Long Rear Deck
- 2 or 4-seat Cab
- 106” or 120” Wheel Base
FIRE AND RESCUE

Advances in vehicle technology and fire suppression technology make the XRU a viable option for fire response utilizing a smaller, robust vehicle. The XRU can be outfitted with a Compressed Air Foam System to provide big apparatus fire power in a small off-road capable vehicle package.

- 10, 30, 60, 100 or 120-Gallon Enforcer CAFS
- 80, 100, 150 Gallon CET Skid Gas Powered Pump with Optional Foam Tank and 200 Gallon system (2 passenger)

FIRE UNIT INCLUDES:

- ENFORCER CAFS - Powered by Compressed Air Cylinders
- 1/2” x 75’ Hose Reel
- 1”x150’ Flat Lay Hose
- 1” x 100’ Hose Reel
- Turret and Ground Sweep Option
- New Sustainable CAFS Operations Option

CET SUPPRESSION SYSTEM:

- 80, 100, 150 or 200 Gallon Water/5 or 8 Gallon Foam Poly Tank
- Dual Stage Pump
- Honda Gx 200 Motor—Electric Start
- Two 1” and one 1.5” Discharge Valves
- 1”x50’ Rubber Hose Reel
- Tray for 1”, 1.5”, 1.75”x 200’ Forestry Hose
- Pump Draft for Direct Tank Fill
MEDICAL
Upfitting options include off road search and rescue and large event patient transport. Can be outfitted to put the responder right next to the patient during transport. Smoother ride for patients in rough terrain accomplished with fully independent front and rear with dual-coil, adjustable shocks.

EMS / MEDICAL UNIT INCLUDES:
- A variety of patient litter tie downs
- Partial Patient Cab Access
- Interior partial patient coverage
- One or Two Patient Transport Capable
- Rear lowered medic deck seat for interior protection
- Inside/Outside Medical Storage Cabinet

Outside Storage for:
- X2 Ansul 20 lb. Red Line PK
- Pressurized Water Can
- Rope Rescue Gear
- Enforcer3 HD Portable CAFS
- Enforcer 10 CAFS w/ 70’ Reel
- Personal Protective Gear
POLICE & SECURITY

XRU meets the demands of your law enforcement and security tasks with a reliable off road vehicle for responding, patrolling and protecting – keeping you in control even in the hardest to reach areas. Transport up to 4 personnel and gear through any terrain. Special equipment mounting for tactical purposes. Confidence to complete a mission and return.

POLICE & SECURITY UNIT INCLUDES:

- Storage lockers for gear and equipment
- 360° Lighting for night ops
- 2 or 4 passenger cab
COMBINATION FIRE/EMS

With multi-purpose missions in mind, the XRU can be designed to provide fire suppression, rescue and patient transport capabilities.

COMBINATION FIRE/EMS UNIT INCLUDES:

- 2 or 4 seat Cab
- Single patient transport
- Optional CAFS or Gas powered pump systems
- Interior patient coverage (4-seat version)
- Lower exterior medic seat
FORESTRY

To address the challenge of longer fire seasons and bigger fires, the XRU is an apparatus full of fire power to work in the hardest terrain for forestry fire needs. The XRU ensures a rapid, rugged and efficient response to wildfires and other emergency incidents.

FORESTRY UNIT INCLUDES:

- 2 or 4 passenger Cab
- Choice of CAFS and/or Gas powered pump systems
- Up to 200 gallons of water/8 gallon Foam tank options
- Side tank and/or lower compartment storage
- Turret or ground sweep option
- Hard cab and full door enclosures available
URBAN

XRU is equipped to handle a variety of incidents including confined space fire response. The XRU is a vehicle necessary to meet the already specialized response capabilities of the specialized response team. Perfect for parking garage quick-attack fire/rescue response.

URBAN UNIT INCLUDES:

- 10, 30, 60, 100- or 120-Gallon Enforcer CAFS
- Up to 200 Gallon CET skid water/foam tank and gas pump
- Sustained CAFS operation system
- Front Turret system