



# MTTCS

SAIC Patent Pending

Multipurpose Troop Transport Carrier System

## Force Protection Capability To Save Lives

- ◆ Convoy Troop Protection and Weapons Platform
- ◆ Armor Protects Against Most Common Battlefield Threats (small arms and majority of fragments from IEDs)
- ◆ Tactical Vehicle Mountable (medium and heavy trucks)
- ◆ Dismounted Fixed-Position Armor Protection (access-control points, checkpoints, defensive positions, tactical operation centers, log center, hospital, storage, etc.)
- ◆ Integrated Rollover Protection

## Proven System

- ◆ Integrated vehicle testing at the U.S. Army Test and Evaluation Command (USATEC) at Aberdeen, January to April 2005 (Safety Confirmation and Release CSTE-DTC-TT-T, 17 May 05)
- ◆ Combat operational evaluation by the REF (June 7 - July 22, 2005) in Iraq and was tested by several different units

For more information, please contact:

Edgar DeGroat 256.726.1472

ed.degroat@tbe.com

mttcs.tbe.com

## Protection Provided

- ◆ Armor (tested by H. P. White Laboratories and Aberdeen Test Center)
  - ▼ Defeats majority of fragmentation for most common IEDs and explosive fragment weapons
  - ▼ Composite armor recipes can be adjusted to specific threats.
- ◆ Standard Weapons Configurations Supported
  - ▼ Each 4-ft armor module mounts gun ring for M2, M240, MK19, etc.
- ◆ Integrated Roll Cage with 4-Point Seat Harness Restraints

## Modular Design – (94 in. width x 87 in. height)

Module Configuration*	Fully Armored Wt.	Length (inches)	ACL (seating)	Available Gunners	Truck GVW (tons)
4x2x4x2x4	9,600	243	16	2	7
4x2x4	7,000	172	10	2	7 or 5
4x4	6,100	148	8	2	7 or 5
4x2	5,300	125	6	1	7 or 5
4	4,400	101	4	1	7, 5, or 2 1/2

\*As shown on back (Each configuration includes roll cage and door modules.)



**Unprotected Troop Transport No Longer Necessary**



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Multipurpose Troop Transport Carrier System



Fixed-Position Defensive Configuration



\*Modular Design for Multiple Configurations (4x2x4 shown)



Multiple Egress Hatches and Locations (with push-out side panels removed)

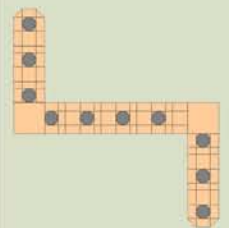
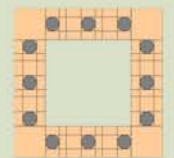
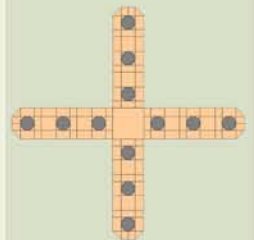


Multiple-Seating Configuration – Facing Outboard

## Special Features

- ◆ Multiple Mission-Dependent Configurations (modular design)
  - ▼ Mobile Configurations Mission
    - Troop Transport
    - Crew-Served Weapons Platform
    - Medical Evacuation
    - C2 Node
  - ▼ Fixed-Position Mission Configurations (see configurations at right)
    - Defensive Positions
    - Checkpoint & Access-Control Points
    - Tactical Operations Center (TOC)
    - Medical Facility
    - Base-Camp Infrastructure and Sleeping and Eating Quarters
    - Hasty Ammo Supply Points (ASP)
- ◆ Multiple Egress Ports (sides, rear, & top)
- ◆ Lift Points for Sling Load Operations
- ◆ Hinged Ballistic Glass-Protected Firing/View Ports
- ◆ Inboard/Outboard/Side-Facing Seats
- ◆ Air-Conditioning and C4 Compatible
- ◆ Logistical Support
  - ▼ Field Maintainable (Level 10), including Armor-Repair Patches
  - ▼ Minimal Number of Different Parts
  - ▼ No Special Tools Required
  - ▼ User Manual/Training Manual
  - ▼ Training Available
  - ▼ Contractor Support Available

## Multiple Fixed Configurations



MTTCS 2-ft and 4-ft modules can be connected end-to-end for extended length and assembled in various configurations, either above ground or buried, depending on mission needs.



Multiple-Seating Configuration – Facing Inboard