

TITUS by NEXTER on TATRA CHASSIS



TITUS[®]

Tactical Infantry Transport & Utility System

A fully modular family
of multirole vehicles



nexter[®]

S Y S T E M S

TATRA TAKES YOU FURTHER

TITUS – wheeled armoured vehicle developed with NEXTER SYSTEMS



**100 % MISSION ADAPTABLE
VEHICLE**

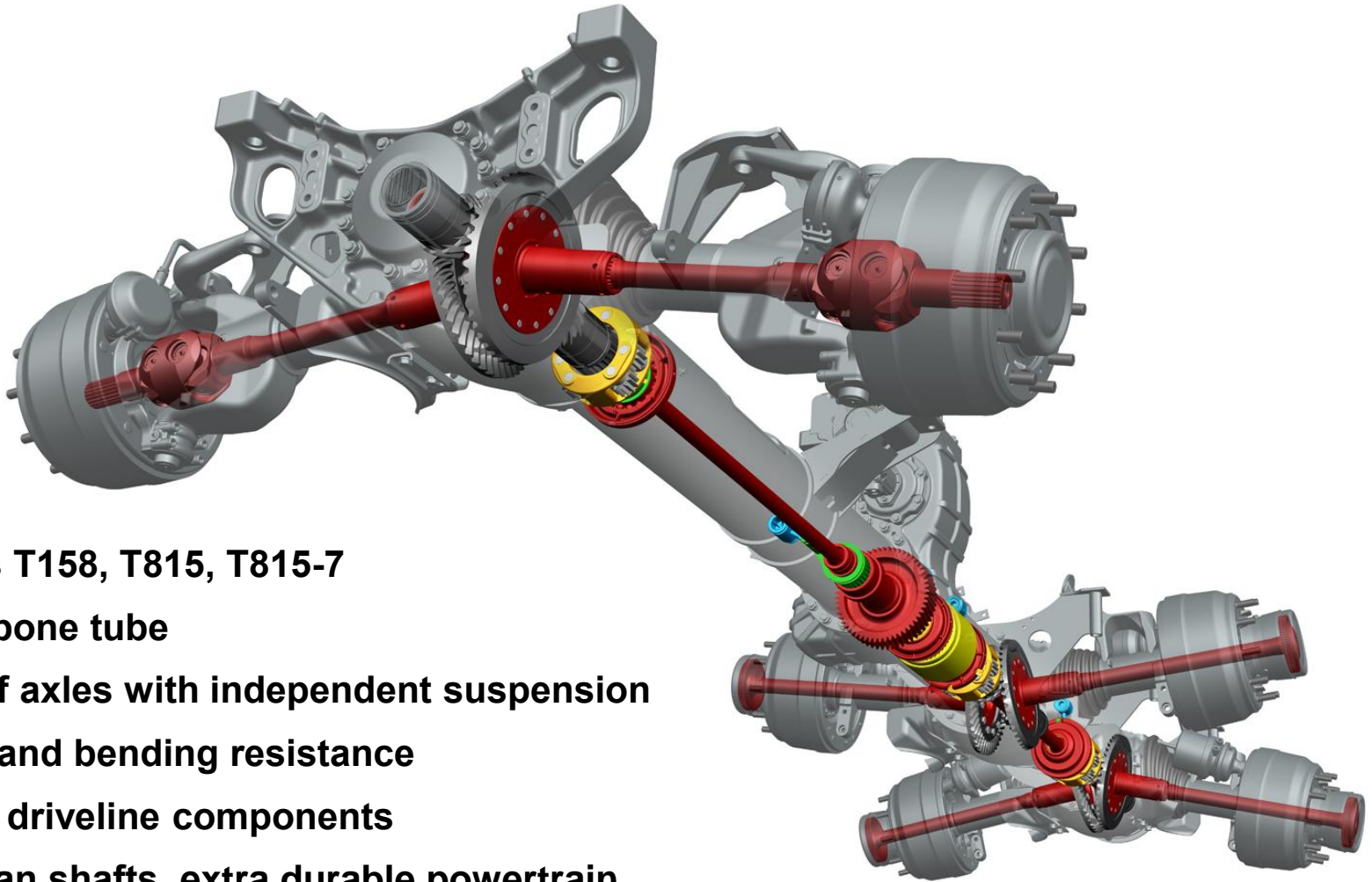
**CONCENTRATION OF HI-TECH
SOLUTIONS**

MINIMAL LOGISTICS FOOTPRINT



TATRA TAKES YOU FURTHER

TATRA UNIQUE CHASSIS CONCEPT– Backbone tube chassis



Product lines T158, T815, T815-7

Central backbone tube

Swinging half axles with independent suspension

High torsion and bending resistance

Protection of driveline components

Without kardan shafts, extra durable powertrain

Heavy-duty TATRA 6×6 chassis

Air-suspended independent swinging half axles, 1st and 3rd axle steered,

Turning diameter 13 meters

Gradeability 60 %, side slope 30 %, trench 1.2 m

Engine 500 HP, Speed 110 km/h

Tyres 16.00 R20 with runflats, central tyre inflation system



Protection

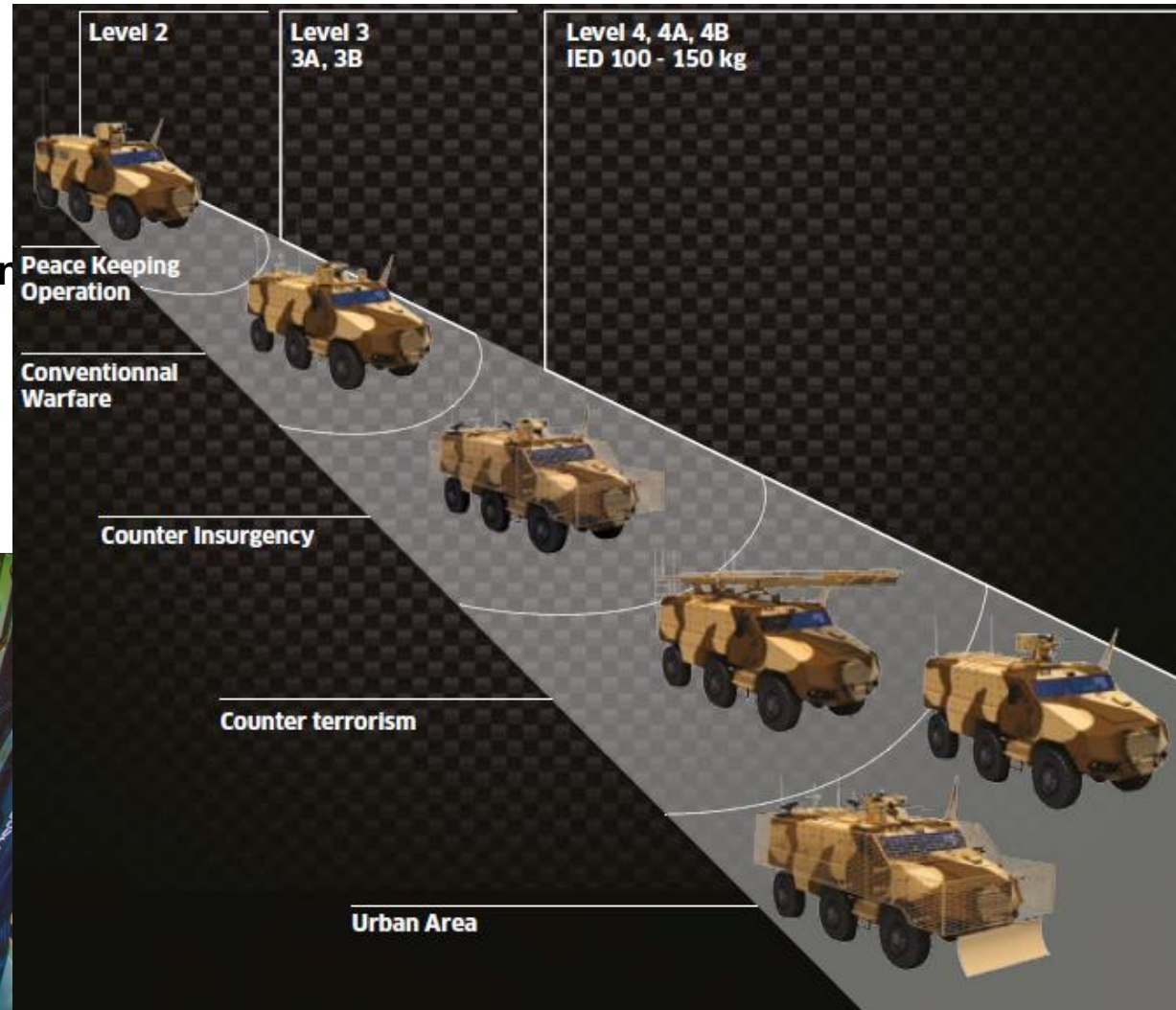
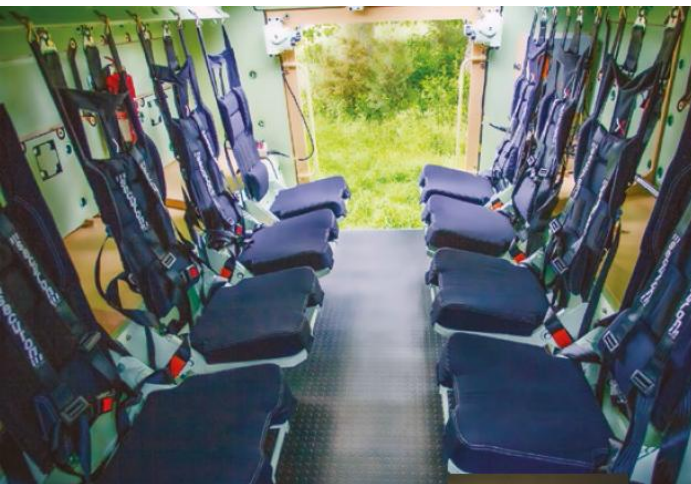


Ranging from Level 2/2a/2b to Level 4/4a/4b

IED protection up to 150 kg TNT

Unique Nexter SAFEPRO® design to ensure crew survivability

Nexter RPG protection (PG Guard®)



Human integration



Collaborative layout (driver, gunner, commander and squad)



Ramp: Safe run type, easy ingress and egress (280 mm ground/ramp step)

Internal volume: Over 14 m³

Crew and squad: Up to 2+12, or 3+10

Ergonomy, comfort, fightability



Firepower



Main weapon from 7.62 mm to 20 mm gun

40 mm grenade launchers

Embedded 120 mm SP mortars



TATRA TAKES YOU FURTHER

High tech equipment



Recce UGV embedded (Nexter Nerva® LG Robot)

Can use legacy Battle Management System or Nexter BMS FINDERS C2®

Jammers, shot detectors, additional equipment

Day, night and perimetric vision

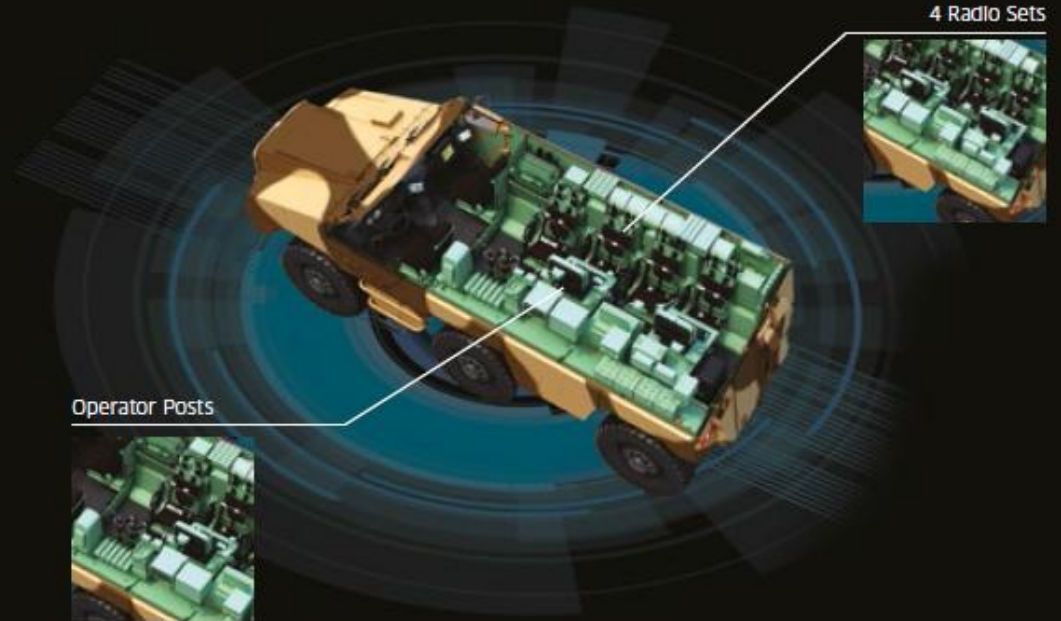


COMMAND & CONTROL

Command Post - CP



To be integrated in a battle group HQ, Titus can be fitted with communication capacity (up to 4 radio sets and 3 operator posts).



Modularity – Target Acquisition



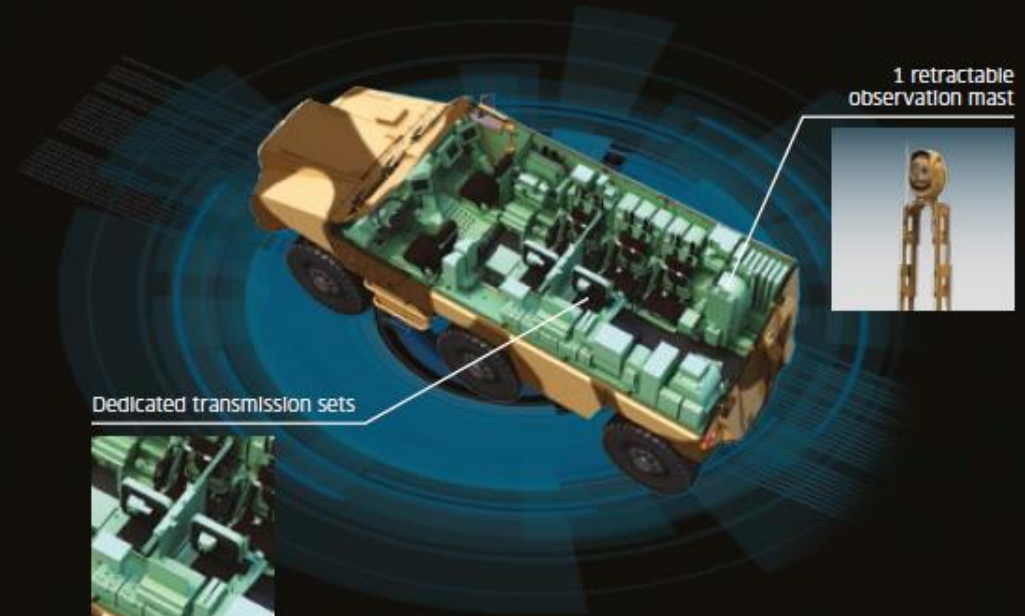
TARGET ACQUISITION

Forward Support Team – FST



With high-tech multifunction observation retractable mast and dedicated communication assets, Titus contributes to the delivery of the spot-fire support.

Its native mobility and protection, associated to a full modularity of equipment allows Titus to fulfill all the Forward support tasks, close to the In-contact units.

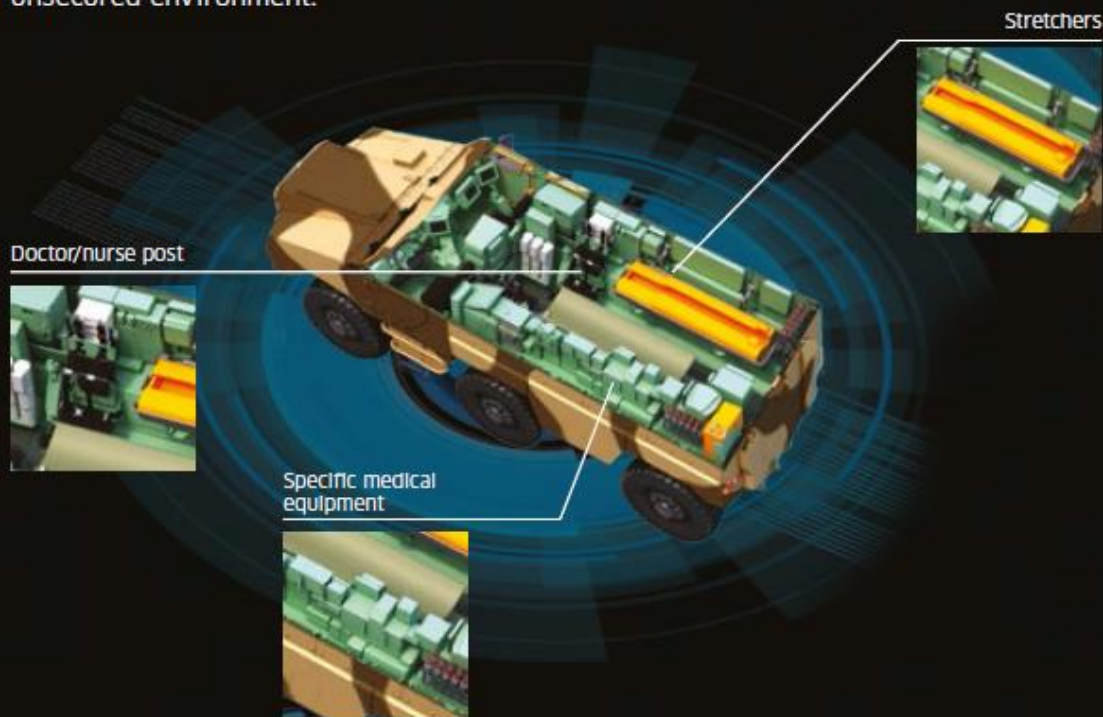


MEDICAL SUPPORT

Ambulance – AMB



To fulfill casualty and medical evacuation, Titus offers its modularity to transport up to 4 injured soldiers under fire and in unsecured environment.



URBAN AREA

Unmanned Vehicle for Intelligence Collection (Nerva® LG, ...)

Assault ladder for building investigation



Combining high-tech equipment as day/night observation capability, Unmanned Ground Vehicle, Unmanned Aerial Vehicle and scalable protection, Titus offers a strong

capability of reconnaissance and building investigation in urban area (MOUT) and counter terrorism environments.

Nerva® LG



Commander's station



FIRE SUPPORT

Self Propelled 120 mm mortar – SP 120 MORT



Through its outstanding sturdy chassis and its modular design, Titus can load a self-propelled semi-automatic 120 mm mortar. Combined with its native mobility and protection, Titus delivers a near immediate fire support at the closest of the in-contact troops.

2 mortar crew



Semi-automatic mortar



Shells



MOBILITY SUPPORT

Engineers - ENG



Titus offers its internal available volume for embarking a fully equipped engineers squad, able to fulfill the complete range of mobility missions.

2 day Engineers
basic load



Squad of 6



RECOVERY



Titus offers its internal available volume and its engine power for a capacity to carry diagnosis tool kit and spare wheels on the battlefield, to carry out basic repair works, to tow disabled vehicles, to offer protection to disabled vehicle crew.

2 day dedicated
basic load



2 seats for recovered
vehicle crew





RESUPPLY

Cargo



Titus offers the capacity to transport ammunition, food, equipment to in-contact units in a highly unsecured environment.

2 pallets
or in bulk load



Bulkhead between front
and rear compartments



Rear ramp or doors



Recommended Protection – operation kits



	LOW INTENSITY	SYMETRIC DISYMETRIC	ASYMETRIC		URBAN
OPERATION KITS	Peace Keeping Operations	Conventional	Counter Insurgency	Counter terrorism	Urban Area
PROTECTION					
ARMOUR					
Ballistic	Level 2	Level 3 or 4	Level 3 or 4	Level 3 or 4	Level 3 or 4
Mine	2A / 2B	3A / 3B	4A / 4B	4A / 4B	4A / 4B
IED blast	50 kg	50 kg	100 or 150 kg	100 or 150 kg	100 or 150 kg
IED splinters	Up to 155 mm shell	Up to 155 mm shell	155 mm shell	155 mm shell	155 mm shell
TRANSPARENT ARMOUR					
Level 2					
Level 3					
PERSONNEL PROTECTION					
Bench seats					
Seats					
Anti-mines seats					
SELF DEFENCE PROTECTION					
Smoke Grenade launcher					
RPG Protection (PG guard*)					
PREVENTIVE PROTECTION / DETECTION					
Laser warning detector					
Missile launching detector					
Shot detector					
Jammer					
IR decoy					