



Medical Vehicles

When stationed in hostile environments, be it on the battlefield or at the site of a humanitarian crisis, medical attendants rely on specialized ambulance systems to provide all the necessary equipment that will allow them to perform life-saving actions while their casualties are evacuated quickly and safely from the danger site.

Marshall has many years of experience designing and producing wheeled ambulance systems from a variety of vehicle platforms. We have also produced stretcher systems for a range of armoured ambulances. Our solutions are equally applicable to both military conflict and humanitarian aid.

Our previous ambulance projects include:

- Land Rover in service with the UK and the Royal Netherlands armed forces
- The Patria 8x8 Armoured Modular Vehicle (AMV)
- The Rheinmetall Defence 8x8 Boxer for the Royal Netherlands armed forces

Marshall has a proven track record in the medical solutions market. Our ambulance capability is enhanced by our industry-leading knowledge of the care chain – we have experience in designing and supplying Role 1, 2 and 3 mobile field hospitals, providing care from point of injury through to the patient's arrival at a major trauma hospital, all in the best clinical conditions possible in the deployed environment.

Our medical vehicle solutions feature:

- An ergonomic design including a seat for the medic, to provide the optimum layout for treatment
- A flexible, multi-configuration design so that the vehicle can carry stretcher patients on standard NATO stretchers, seated patients or a combination
- In-built survivability solutions on armoured vehicles such as protected seating

In addition to these, we can also integrate a range of equipment into the ambulance, such as:

- Air conditioning
- Resuscitation equipment
- Infusion bottle racks
- Inspection lamps
- Heaters
- Stretchers
- Flood lamps
- Medical oxygen systems
- First aid kits
- Seat belts
- Weapons stowage
- Patient kit stowage

We recognize that keeping both user and equipment in the best condition possible, especially during long operating hours, is of the utmost importance. Our solutions are therefore designed to prioritize the comfort and safety of the user and the protection of equipment, to ensure our customers get the best value for money from our solution.

All of our medical vehicle systems are supplied with comprehensive support, including training packages with training needs analysis, as well as in-service contractor support when deployed on operations, if required.



Marshall has experience of designing and implementing the layout of ambulances to maximize capacity whilst still allowing the medic space to perform life-saving actions.



Marshall's design skills aim to reduce the weight burden for medical attendants both when loading an ambulance and when re-configuring it to carry a different combination of casualties, as the situation dictates.