



SOLUTION BASED
INNOVATION, LLC.

Innovation through Integration

Medical Device Integration Capability System

MDICS Litter



What is the MDICS Litter ::

The Medical Device Integration Capability System (MDICS) Litter is pioneering change in both CASEVAC and MEDEVAC operations by giving the end users the ability to have a standardized, stable, and modular platform that can be adapted to their needs regardless of the Role of care.

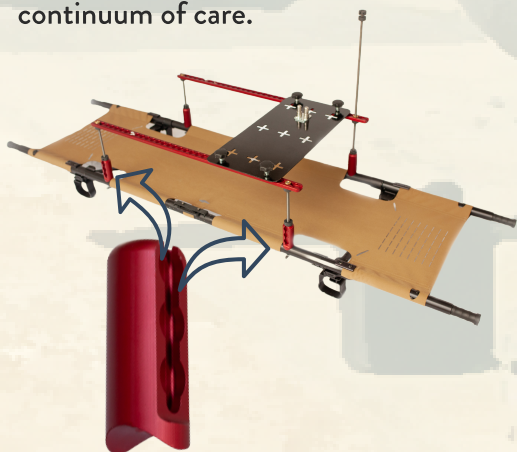
Complete Integrated Solution Set

The MDICS Litter provides ease of use, modularity, and adaptability to the warfighter by supporting and integrating with the advancements of the medical technology employed currently and in the future. Its design facilitates the ease of operation, and the modularity and adaptability to the attach a multitude of critical care supportive equipment to address the essential needs of patient care required at the point of injury through all roles across the continuum of care.



MDICS Mechanical Mounting Solution

Currently, all critical care equipment is attached via C-Clamps to the poles of litter. The C-Clamp solutions are not mechanically attached to the litter and use pressure to squeeze the device to the litter during patient movement. The use of C-Clamp method results in the degradation of the litter's structural integrity over time, as the force required to achieve stability causes clamping mechanism to cut grooves into the aluminum material. The MDICS Litter incorporates four Integrative Mounting Post which are the foundation to which Multipoint Mounting tracks and Adaptive Carrying Handles can be attached.



Universal Design

MDICS Litter has been strategically designed with dimensions that conform to all size requirements for all NATO and US Military vehicle/aircraft platforms, including non-standard evacuation US platforms, involved in patient movement on the battlefield. Its modularity also includes mounting points for handles to provide additional man-portable load carrying solutions which enhances the ease of patient movement at all Roles of care.

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