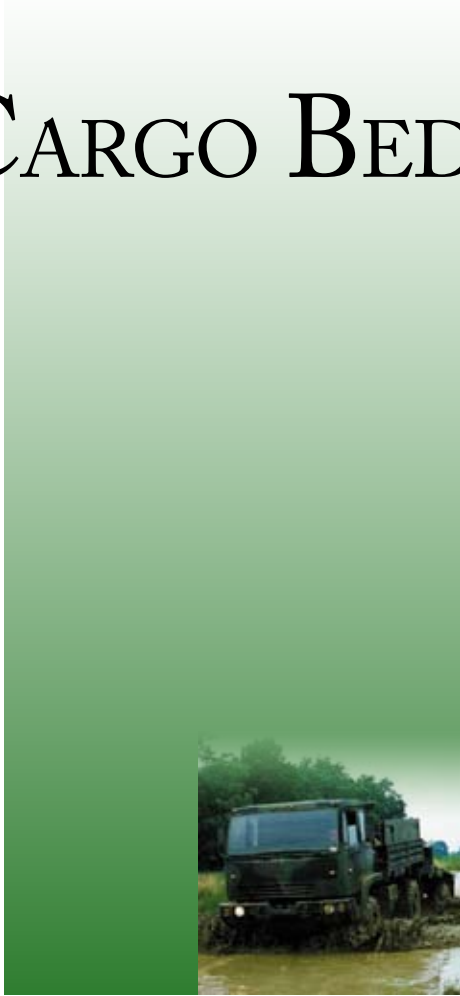
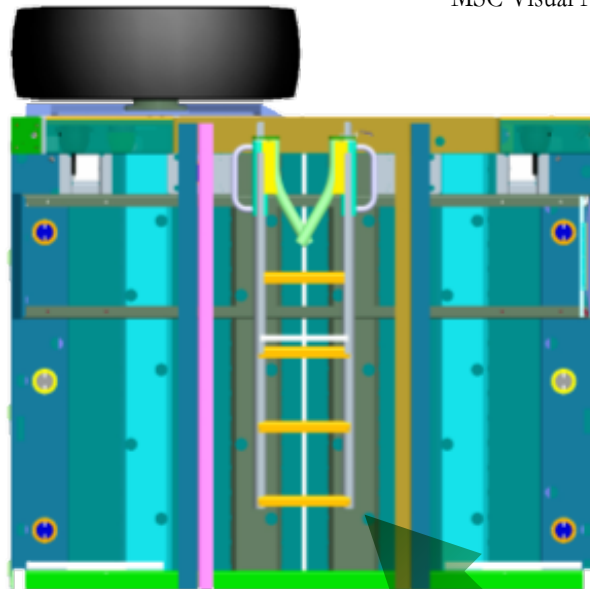


CARGO BED AND LADDER RE-DESIGN AND ANALYSIS

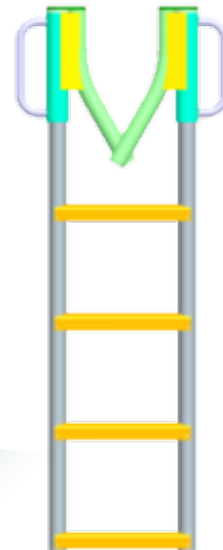


Bastion was contracted to support a large military vehicle manufacturer with the design and analysis support for the re-design of the cargo bed storage area and ladder design for troop deployment from a style of tactical vehicle. We provided all aspects of the design from conceptual to final production and provided all manufacturing drawings.

The primary work focused on a new ladder design and storage arrangement for optimum troop mobilization criteria. Our engineers used Pro E software for all design and manufacturing drawings and ran finite element analysis using MSC Visual NASTRAN.



Ladder Stowage Design



New Ladder Design

