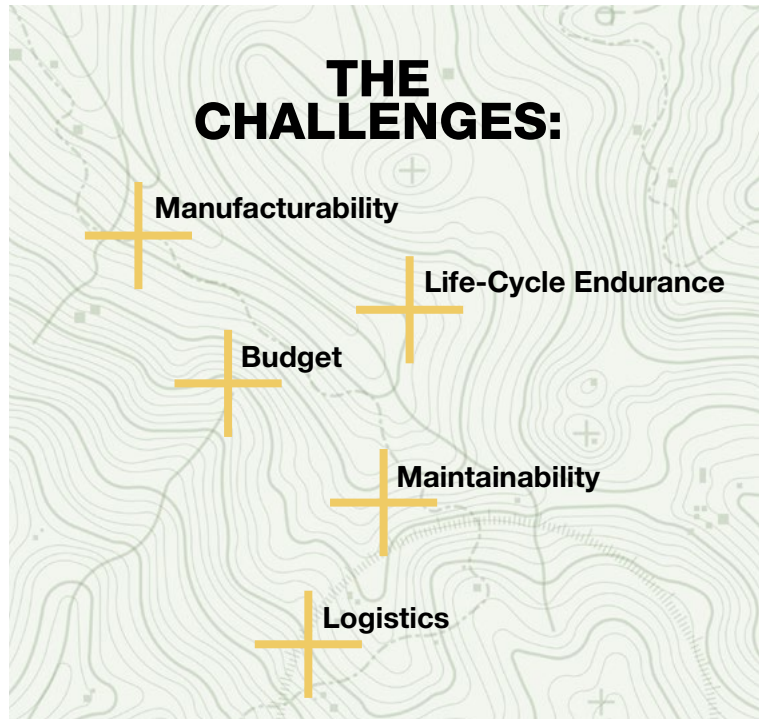


More **Versatile Platforms** and **Improved Performance** through Dissimilar Materials Joining

Across manufacturing sectors, there is a continuing push to reduce size, weight, and power demands of military platforms while simultaneously improving operational efficiency, expanding logistics capabilities, extending life, and reducing costs.



THE SOLUTION: Dissimilar Materials Joining

Overcoming the technical challenges of joining new material combinations allows advancements in:

Lightweighting



Unique multi-material structures



Parts with tailor-engineered properties



Better strength-to-weight ratio, corrosion resistance, erosion resistance, survivability, and high-temperature strength

About EWI EWI has extensive experience helping manufacturers develop joining methods for a wide variety of dissimilar materials using processes that include fusion arc welding, fusion welding, solid-state joining, brazing and soldering, and adhesive bonding.

