

Extend the Service Life of Military Platforms through Additive Manufacturing

Military platforms are being kept in service longer than originally intended. Rather than being replaced, currently fielded platforms are being upgraded and retrofitted to stay in service, extending their lifecycle past original design specifications, often by decades.

Sourcing original or replacement parts can be challenging

OEM part manufacturers are often no longer in business.

Parts that were never designed to be replaced are wearing out or breaking.

Older platforms were designed with custom components where no documentation exists.

Innovators are turning to additive manufacturing for

Cost reduction

Creative, flexible designs

Fast production of highly customizable parts

Replacement parts with greatly reduced weights

Freedom from the constraints of traditional designs and manufacturing processes

About EWI EWI is uniquely qualified as an expert in additive manufacturing processes with process equipment capability and engineering expertise that fully support AM development, application, and transition. We are focused on developing and maturing a broad range of additive manufacturing processes to address part performance and availability challenges in DoD applications.

