

# INTEGRATED AIRCREW ENSEMBLE

FOR THE 21<sup>ST</sup> CENTURY USAF



## ENHANCED AIRCREW PERFORMANCE

MINIMIZED THERMAL BURDEN,  
FLUID LOSS, AND FATIGUE

## WEIGHT AND BULK REDUCTION

MULTI-LAYER DESIGN FOR  
IMPROVED MOBILITY AND COMFORT

## ADVANCED DESIGN & MANUFACTURING

EXCEEDS CURRENT AND FUTURE  
MISSION REQUIREMENTS

## MULTIPLE PLATFORM DESIGN

CONFIGURABLE AND MODULAR  
FOR MULTIPLE TYPES OF AIRCRAFT



# REDEFINING WHAT IS POSSIBLE



## IAE'S CONFIGURABLE MULTI-LAYER DESIGN

Aircrew deserve the very best protective equipment when facing operational challenges. Current solutions are composed of poorly integrated subcomponents made from out-dated technologies and materials. Consequences include mission degradation, aircrew fatigue, and an increased potential for injury.

IAE's configurable and modular design employs state-of-the-art materials and designs, integrated protective layers, and modern manufacturing methods to meet current and future mission requirements. IAE is designed to satisfy current and future aircrew and logistics demands.

NEW CONFIGURATION	BENEFITS
Integrated, lightweight, multi-layer design for wear with or without both chem/bio and immersion protection	Better protection, improved mobility, reduced fatigue, and maximized comfort
Modular, scalable, and tailorable	For use across multiple aircraft platforms, missions, and environments
Modern design, component, and manufacturing technologies	Better fit, high reliability, and lower life-cycle cost
Notionally similar to Legacy	Readily maintained and sustained within existing logistics infrastructure

