Joint Acquisition Task Force (JATF)

BASELAYER
EXOSKELETON

COMMUNICATIONS

Tactical Assault Light Operator Suit

VISUAL AUGMENTATION

ARMOR

ACTUATION

POWER
**TALOS Mission:** USSOCOM’s Special Operations Forces Acquisition Technology and Logistics (SOF AT&L) will design and develop a next generation, technologically advanced combat operator suit to provide unmatched and unprecedented advantage to our Special Operations Forces Operators as they execute the most complex and high risk mission sets; first article prototype will be presented during 2018.

**TALOS Vision:** Develop a peerless war fighting system for the future SOF Operator with enhanced protection, super-human performance, surgical lethality and exponential situational awareness.
TALOS Endstate:

- **Increased Operator survivability** through comprehensive and improved ballistic protection. Develop an exoskeleton that supports near unconstrained movement and provides a load bearing structure.

- **Increased Operator capability** through independently powered actuation of the upper and lower body with integrated biomedical monitoring and thermoregulation to extend thresholds of Human Performance.

- **Increased Operator situational awareness** through visual augmentation, multidimensional display of fused sensors and an integrated array of intelligence and operational data.

- **Increased Operator surgical lethality** by shortening time to target engagement and creating options for novel weapon integration.
• **TALOS Will:**
  - Increase battlefield survivability and address historic causality vulnerability
  - Decrease load on the operator
  - Integrate systems for intuitive operation
  - Provide purpose built platform and influence next generation platform design
  - Operate in high risk, non-permissive environments
  - Enable new mission profile and generate future tactics against near peer competition and advanced hybrid threat networks

• **TALOS Is:**
  - An unclassified effort to achieve collaboration, expertise, and a material solution
  - A classified effort to develop and field sensitive operational solutions
  - A pilot program pioneering innovative acquisition processes and procedures
  - A capability requiring new policies and authorities to support employment