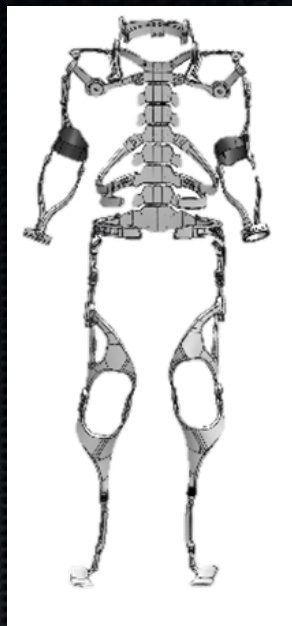


Joint Acquisition Task Force (JATF)



BASELAYER



EXOSKELETON



Tactical Assault Light Operator Suit



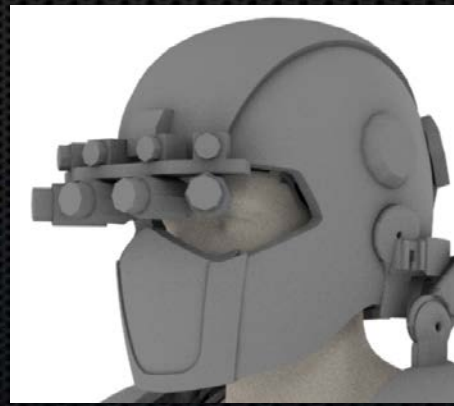
ARMOR



ACTUATION



COMMUNICATIONS



VISUAL AUGMENTATION



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**