

TALOS Overview

A Vision for the Future SOF Operator...

In FY14, USSOCOM established Joint Acquisition Task Force TALOS (JATF-TALOS) to develop an advanced combat suit prototype through an innovative acquisition process. Leveraging an extended network, TALOS will provide increased survivability through:

- Comprehensive ballistic protection
- Increased situational awareness
- Surgical precision and greater lethality

The TALOS roadmap consists of incremental exoskeleton prototypes and sub-system integration leading to the first article tactical prototype delivery in August 2018.

JATF-TALOS FY16 Priorities:

Combat Suit Development

Research, assessment, test & development of emerging/disruptive tech;
Integrator of multiple sub-systems and tactical components

Accelerate Technology Development / Transitions

Over-the-horizon technology focus;
Equipping SOF to win in a complex, uncertain future

Pioneer Innovative Processes

Rapid prototyping, prize challenges, streamlined acquisition;
Leveraging novel procurement and development methods

Persistent Collaboration

Maintaining extended network, continuous end-user engagement;
Forging new relationships with Academia, Industry, Government



TALOS: Protecting the Operator at his most vulnerable moment

Functional Areas:

The TALOS vision is divided into distinct functional areas, each charged with integrating state-of-the-art technologies into a single, purpose-built combat suit system.



Exoskeleton



Power



C4I: Command, Control, Comms, Computing & Intelligence



Baselayer



Helmet



Armor

TALOS was chartered to explore and catalyze a revolutionary integration of advanced technology to provide comprehensive ballistic protection, peerless tactical capabilities and ultimately to enhance the strategic effectiveness of the SOF operator of the future.