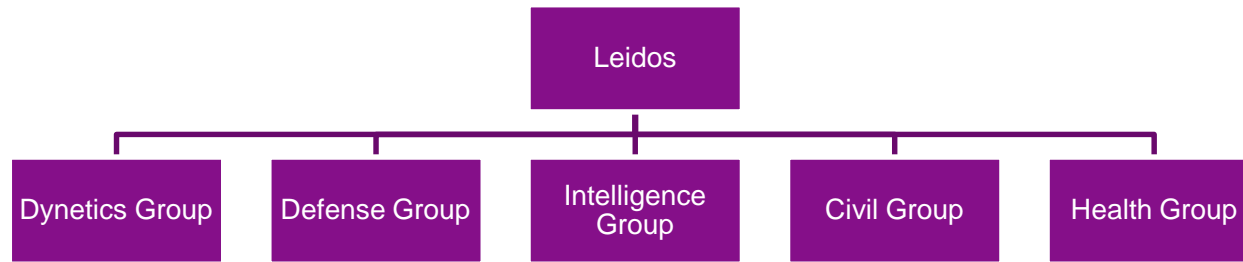




# The Dynetics Group



Leidos drives innovation and differentiation at speed and scale with security and agility

## Dynetics Topics:

- Hypersonics
- Counter Unmanned Aircraft Systems (C-UAS)
- Autonomous Platforms

**Dr. Tim Barton**  
**Dynetics Group CTO, Leidos**  
**June 2020**



# Intermediate Range Conventional Prompt Strike



**Key contractor to the U.S. Army on priority strategic hypersonics programs**



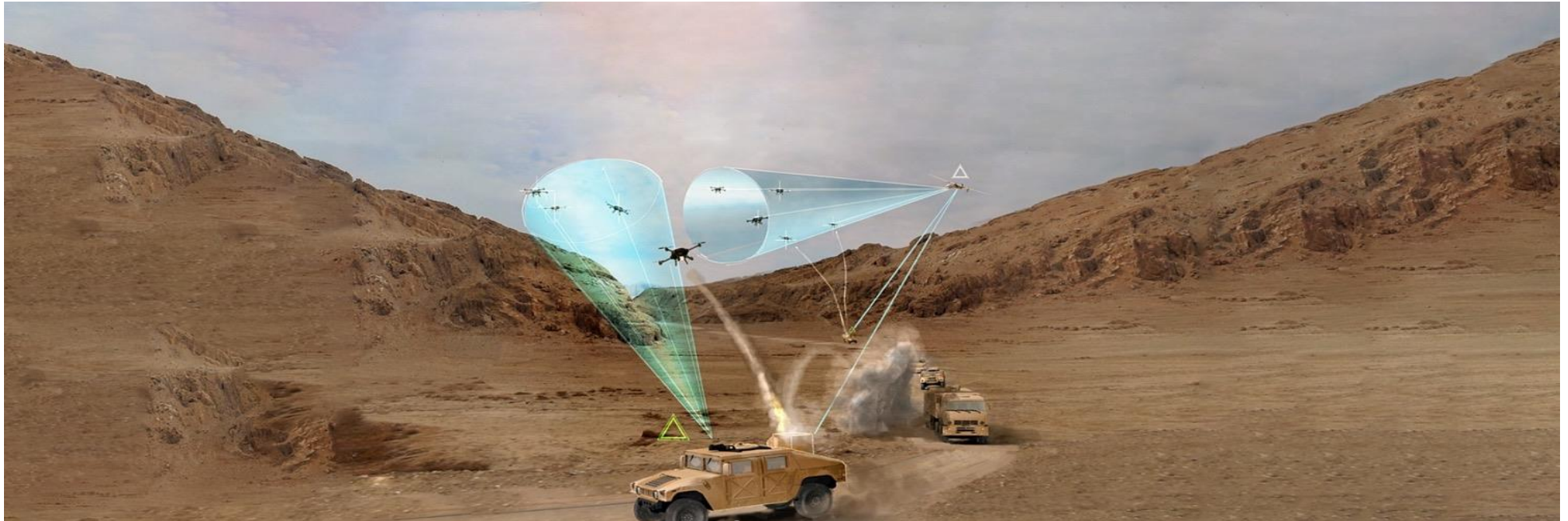
## **Common-Hypersonic Glide Body (C-HGB) Prime**

Producing next-generation hypersonic glide bodies with teammates General Atomics, Raytheon and Lockheed Martin.

## **Long Range Hypersonic Weapon (LRHW) Sub to Lockheed**

Developing the launcher for the U.S. Army weapon system.

# Counter Unmanned Aircraft Systems (C-UAS)



Dynetics is on the forefront of counter-UAS security, leveraging our background in UAS; electronic warfare; radar; and target detection, tracking, and classification to provide defense against small UAS threats.

## **DARPA Mobile Force Protection (MFP)**

Develop and demonstrate an integrated system capable of defeating multiple self-guided small unmanned aircraft systems (sUAS) attacking fixed or mobile assets.



# Autonomous Platforms



**DARPA Gremlins**

- ▶ Dynetics is pushing the boundaries of airborne autonomy
  - Advanced, transferable, open autonomy
    - Safe, resilient, distributed airborne operations and airborne recovery
  - AI-Driven autonomy
    - Fundamentally inverting the traditional battle management network, so a single operator can control volleys of unmanned systems
    - Bringing machine speed and scale to combat decision making at the edge

## Air Force Research Laboratory SKYBORG System Design Agent



**DARPA Air Combat Evolution**