

United States Air Force

PARTNERING TO DELIVER HUMAN PERFORMANCE TECHNOLOGY
FOR THE UNITED STATES AIR FORCE

Sparta Science's Human Performance Platform enables leaders and practitioners to gain visibility into their command's movement and holistic performance.



MOVEMENT HEALTH PLATFORM PILLARS



SPEED AND SCALE

Whether movement screens or data connectors, our technology prioritizes efficiency, repeatability, and standardization.



FEEDBACK LOOPS

Data feedback loops facilitate continuous improvement. One solution that gets better over time.



ALIGNS WITH COMMAND NEEDS

With enterprise-level organizations come established standards. Our tech stack accommodates custom requirements to meet an organization's unique objectives.



DATA SECURITY FIT FOR THE DOD

Our platform delivers intelligence securely, on time, and on target.

MULTIPLIER FOR HUMAN PERFORMANCE RESOURCES

Extend the Reach of Subject Matter Experts

Screen for movement deficiencies in less than 3 minutes and deliver custom training or rehabilitation protocols in seconds.

With Sparta Science, the 22nd OST contributed to a 6% decrease in the 22nd ARW's non-mission capable rates, with increased participation rates and improved self-reported measures in Physical Activity, Work, and Sleep.



BASELINE SCREENING AT UNPRECEDENTED SCALE

Quickly Assess Both New Recruits and Seasoned Airmen

Portable assessment stations can be set up most places and are easy to use. Assess hundreds of BMT units in under an hour. Leverage billions of historical data points to see where airmen fall compared to peers.

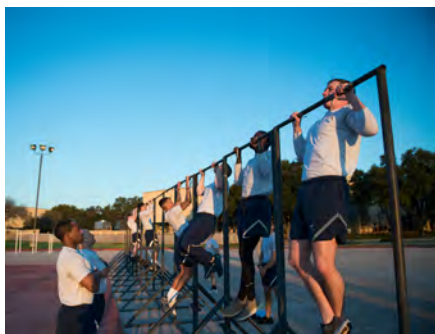
ACCESS COMMERCIAL WEARABLE DATA

Aid Decision-Making by Having the Full Picture

Improve symptom identification with a sensitive, minutes-long balance screen for a safer return to duty.

Develop a cyber-secure clearinghouse to collect data from OURA rings directly from users.

SBIR Award: Deployable Neuromuscular Readiness Assessment Kit
Sponsors: AF A5/A7 (Air Force Futures), 7th Bomb Wing, 317th Airlift



ACTIONABLE MSK EDUCATION

Systematically Create a Culture of Fitness

Sparta Science delivers curriculum and screening, providing airmen tools to improve performance and limit injury throughout their careers.

Air Education Training Command (AETC) deployed 90 units across 6 bases