

ALTEC

HUMAN POTENTIAL REIMAGINED



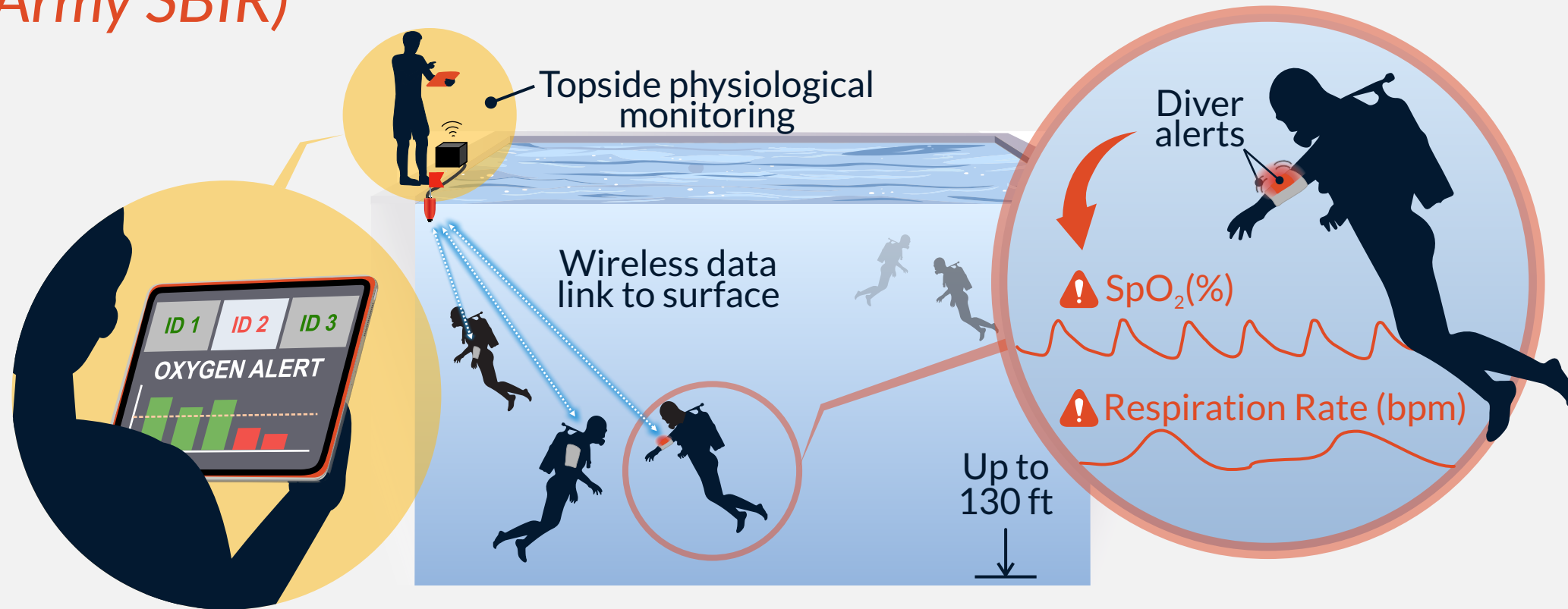
WHO WE ARE

Altec is a non-traditional contracting firm with 25+ years of R&D experience with DoD, NIH, and MTEC translating ideas into innovations for human health and performance.

WHAT WE DO

Underwater Physiological Monitoring

HYDROS: Hybrid Diver Readiness Observation System (Army SBIR)

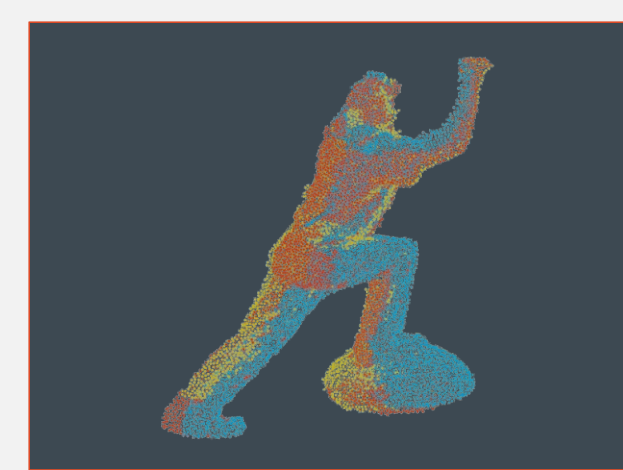


Automated Rehabilitation and Training

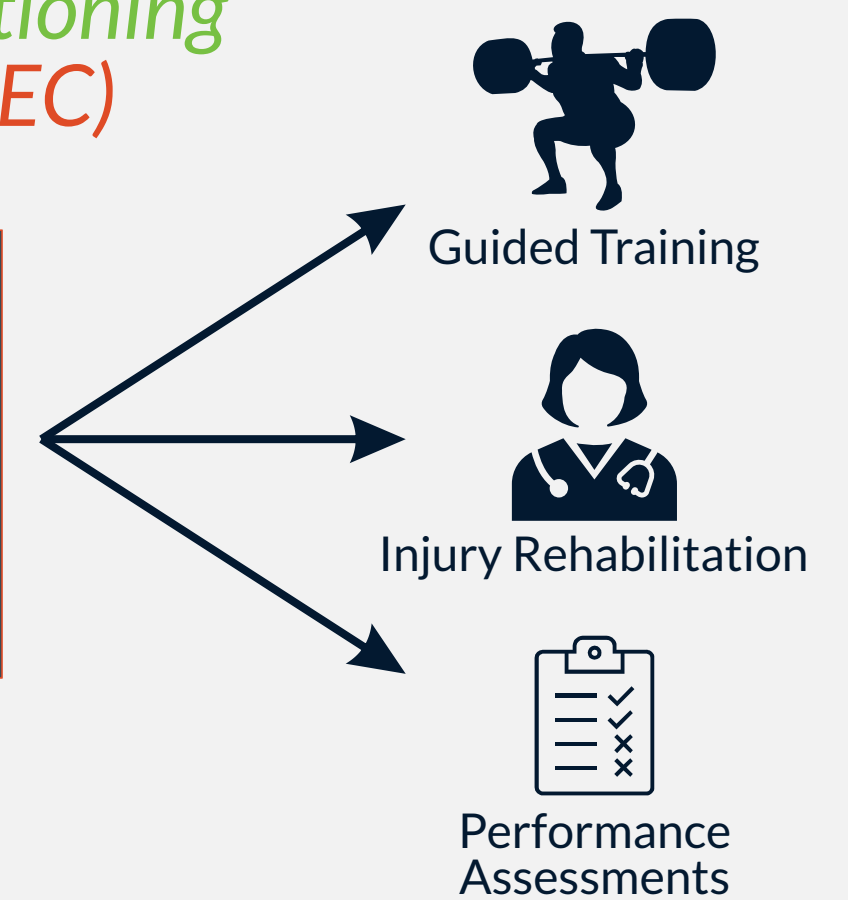
OSCIR: Optical Screening and Conditioning for Injury Resilience (USAMRDC/MTEC)



Multi-camera IR Capture

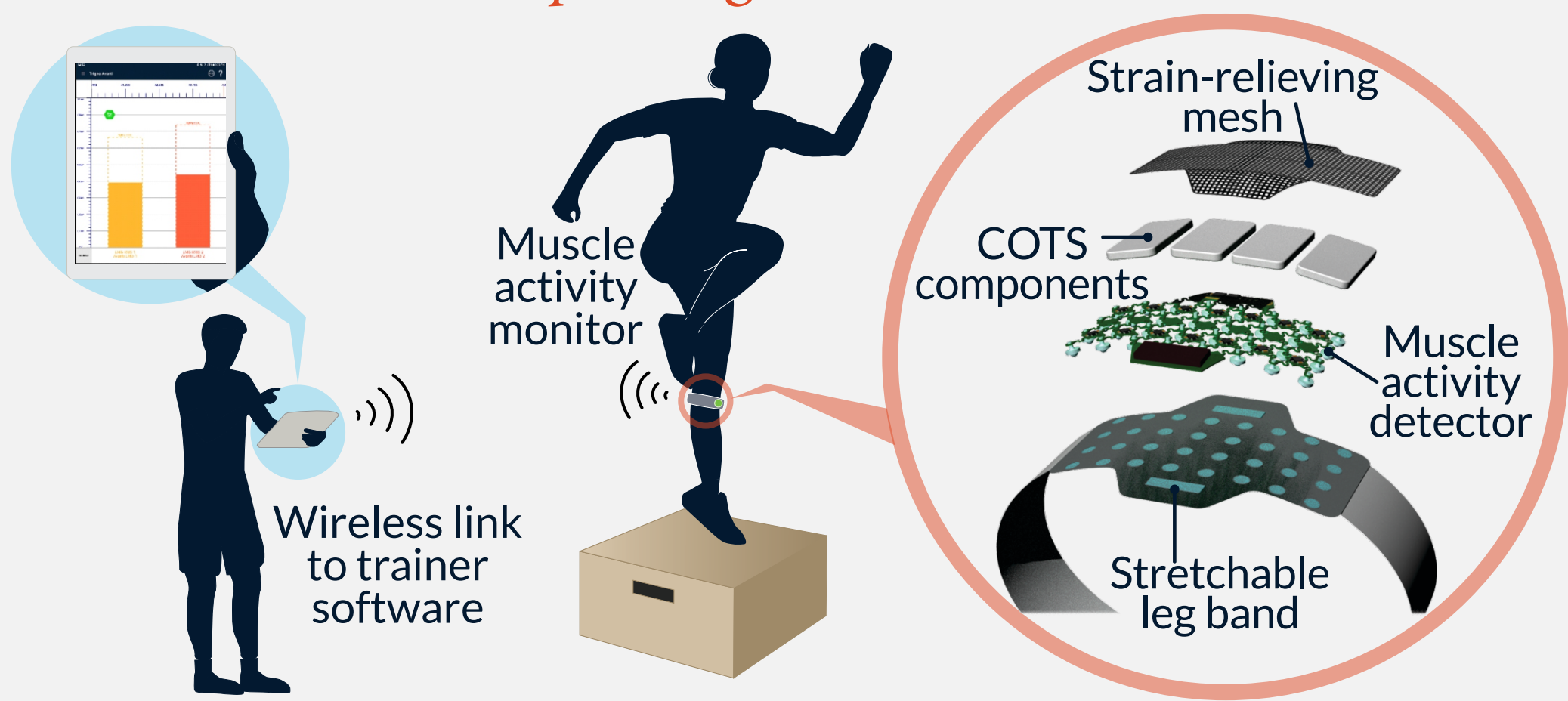


3D Point Cloud Registration



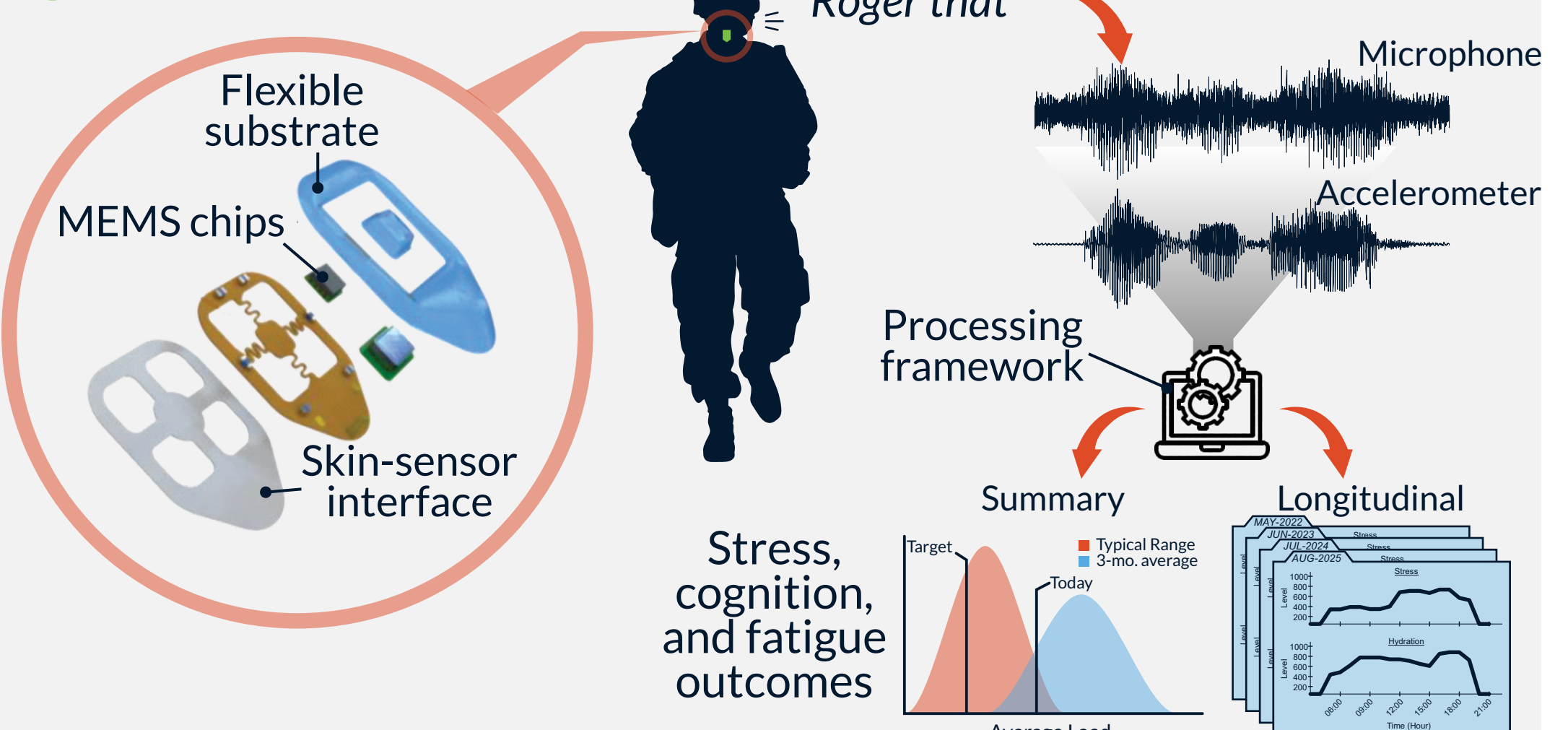
Monitoring Training Load

ARES: Ankle Resiliency System for Injury Prevention (USAMRDC/MTEC - pending)



Cognitive Fatigue Monitoring

SpeechSense (NIH)



HOW WE DO IT

Technological Capabilities: Microelectronic fabrication, materials engineering, mechanical packaging, sensor fusion, A/D signal processing, data extraction, 3D sensing, high-throughput processing, VR/AR/XR development

Commercial Capabilities: Design and development for production, scalable manufacturing, medical device regulation, clinical and consumer marketing

CONTACT INFORMATION

Joshua Kline, PhD

jkline@altecresearch.com

508.545.8212

