Altec

HUMAN POTENTIAL REIMAGINED

Altec is a non-traditional R&D contracting firm with over 25 years of scientific and engineering collaborations with NIH, NASA, MTEC, and DoD to design and translate sensing technologies for applications spanning human health, injury prevention, and performance.

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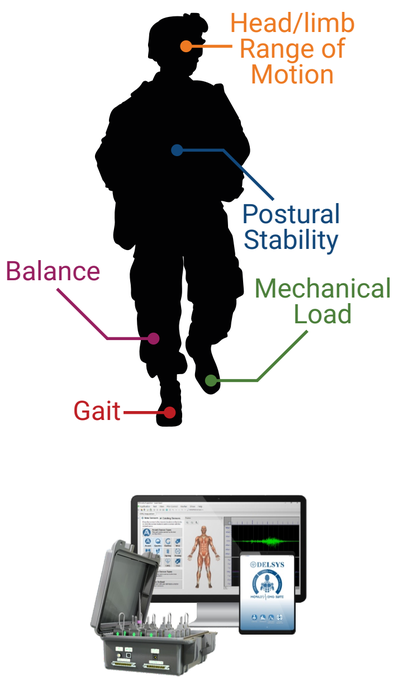
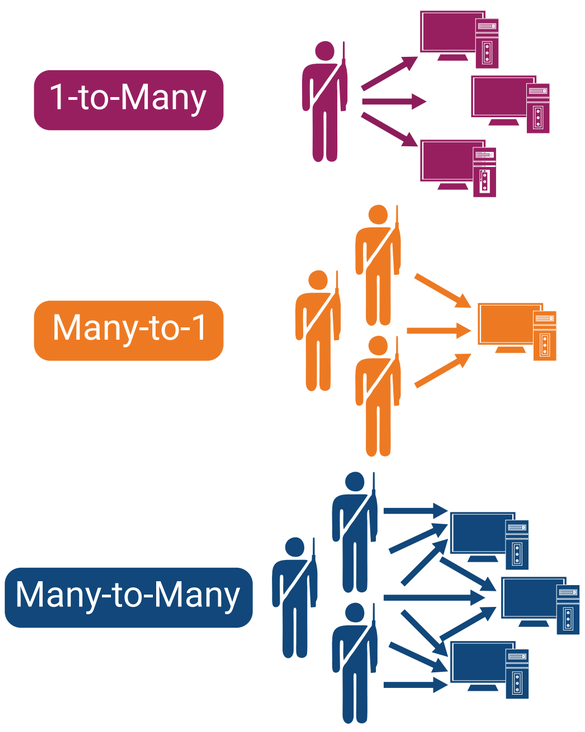
Physiological Sensing and Cognitive Monitoring

Sensor Platform

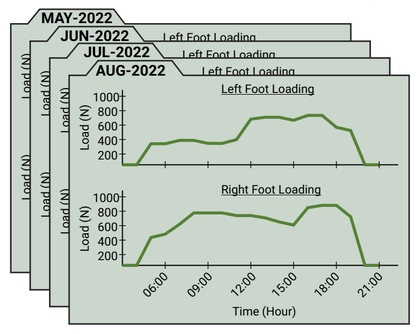


Multi-node Wireless Communication

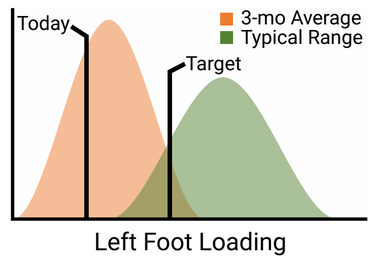


Real-time Analytics

Longitudinal Tracking



Summary Status



Applications

- Injury Assessment
- In-field Cognitive Screening
- Loading Monitoring
- FTX Performance

DoD Funding: DARPA (D17PC00119/140D6318C0039) Army (DAAD01-98-C-0032/DAAD17-99-C-0007)

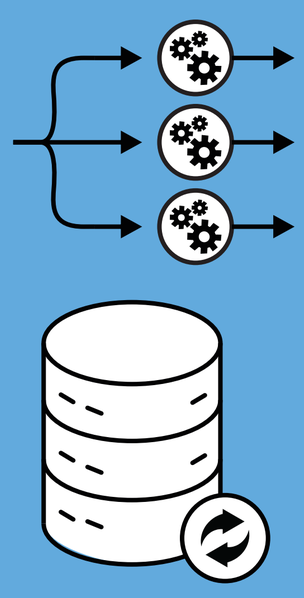
Non-contact Screening and Injury Prevention

In-field Kinematic Assessments

Screening and Conditioning

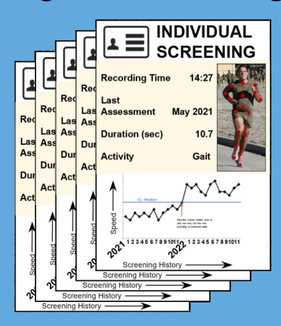
IR Analytics

Parallel Processing



Real-time Analytics

Big Data Tracking



Summary Screening

Applications

- Recruit Screening
- Guided Training
- Injury Prevention
- Operational Deployment

MTEC/DoD Funding: MPAI-061 (pending)

COMMERCIAL CAPABILITIES

- R&D
- Product Design
- Manufacturing
- Regulatory
- Marketing

TECHNICAL CAPABILITIES

- Sensor Fusion
- Spatiotemporal Analysis
- A/D Signal Processing
- High-throughput Systems
- Big Data Analytics
- 3-D Scanning
- Point-cloud Processing
- Device Deployment