NEUROSMART

Optizone™
by NEUROSMART

Evidence-based mental resilience training for optimal performance

www.neurosmartinc.com

About Neurosmart

Neurosmart is a start-up company out of Stanford University, developing a wearable, biofeedback-based stress management system, OptiZONE™, to improve tactical decision making under stress.

Our Team

Neuroscience Experts

We are a team of Neuroscientists (Stanford, Harvard and Caltech PhDs) who came together to take the science of bio-feedback and mental performance from the laboratory to the hands of elite performers. We are experts in neuroscience of stress and machine learning.

Our Vision

Train your mind, like you train your body

PTSD, burnout and performance impairment due to stress are all preventable with the right kind of resilience training. **Neurosmart's vision is to remove the unknown from stress' impact on performance by providing personalized, data-driven, mental resilience training tools to tactical athletes.**

Our Technology

Developed with law enforcement partners and the support of the NSF

With grant support from the National Science Foundation and in collaboration with many police training academies across the country, we developed patent pending algorithms that **predict tactical performance from stress physiology with 70% precision.** We combine our algorithms with evidence-based interventions to boost tactical performance.

"Managing stress while performing at a high level is an area of acute need, and as a program, we don't do a sufficient job in helping athletes manage that" -
Head Coach, NCAA Division I Sports Program

OPTIZONE™ TRAINING TECHNOLOGY

Reach your optimal physiology for optimal performance

Wear stress tracker during training

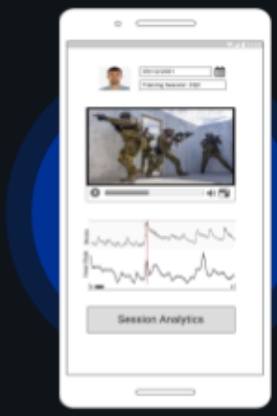
Visualize moment to moment stress with video in Neurosmart app

Improve with personalized stress profile and interventions



Moment to moment stress tracking with a unique wearable sensor

(Not HR or HRV)



Links stress regulation to significant performance events



Proprietary stress management profiling for player and the team

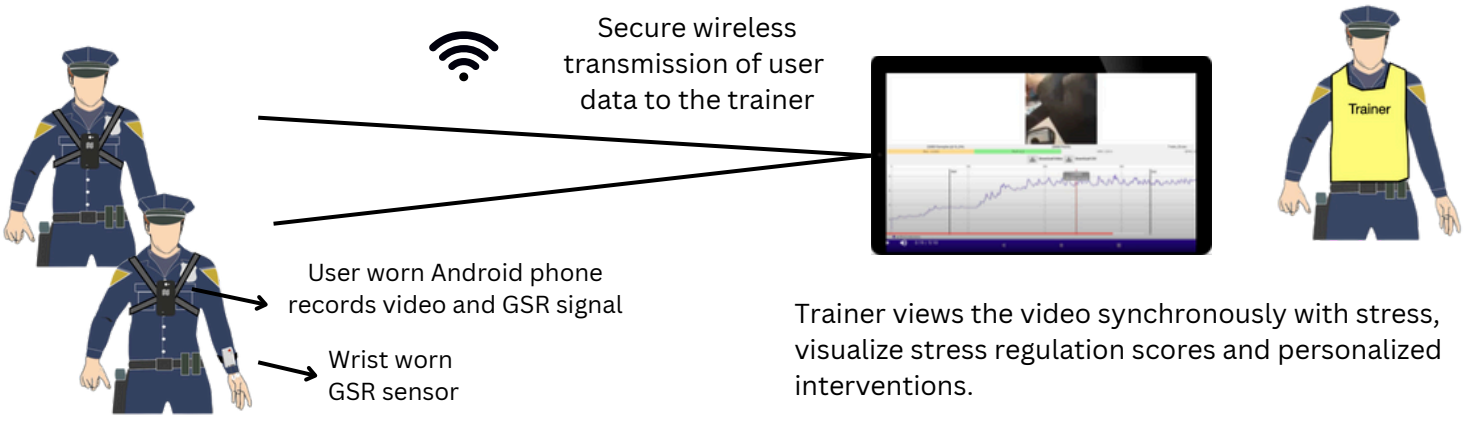


Research funded by the competitive
NATIONAL SCIENCE FOUNDATION
SBIR PROGRAM

Insights supported by
PATENT PENDING
ALGORITHMS

Tested and
PROVEN-EFFECTIVE
WITH CASE STUDIES

OPTIZONE™ for TEAMS



Trainer views the video synchronously with stress, visualize stress regulation scores and personalized interventions.



Measures stress accurately with a
UNIQUE STRESS SENSOR
DURING TRAINING

Moment to moment stress visualization with
REAL-TIME
FEEDBACK

Provides
ACTIONABLE
INSIGHTS AND INTERVENTIONS

Designed to
INTEGRATE SEAMLESSLY
WITH TACTICAL TRAINING

"I believe your technology will take our training to the next level."
F/Lt. Organizational Development Division. Michigan State Police.

JOIN OUR BETA PROGRAM

Access to cutting-edge technology

We have launched our beta program for police, military and athletic training academies. Our partners get priority access to our cutting-edge technology. We offer custom integration of OptiZONE ™ to existing training regimes.

Data driven training

Our partners evaluate the mental performance of their trainees and training effectiveness with our quantitative measurements.

Discounted price

Partner organizations are offered a discounted price to use our hardware and software throughout the beta period as well as longer term deals.

Select customers

Participating agencies include City of Miami Police (MI), New Castle County Police (DE), Michigan State Police (MI), Abbotsford PD (CA).

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Our CEO Dr. Balban with Abbotsford PD training team