TEA

MOTION CAPTURE

WEARABLE SENSORS

HUMAN FACTORS

ERGONOMICS

VIRTUAL REALITY

Expert in measurement and analysis of human behavior

For more than 30 years, T.E.A. Ergo - has been designing and developing solutions with the aim of innovating for the well being of humans.

CAPTIV by TEA enables the **recording, display and analysis** of multiple **data sources** and inputs, with perfect **synchronization of measurements, videos and data** :

- **Sensors** for 3D Motion (IMU), EMG, EKG, Temperature, Respiration, GSR, Acceleration, Load cell and more,

- **Video recordings** from webcams, cameras, cellphones, CCTV, etc.,

- Integrated third-party **devices and sensors** : eyetrackers, EEG headsets, etc.

Advanced and customizable reports for all measurements (angles, force, ECG, etc.) are instantly available.

OUR APPLICATIONS

Human factors
An adaptable and scalable solution for analyzing worker activity throughout their work environment thanks to a multi-factorial analysis.

Research
Modular and multimodal measurement tools for R&D, robotics, HMI, and engineering, with full access to all data.

Innovation
Explore cognitive immersion, measure the reaction and discover the possible interactions in a scenario with a software dedicated to Virtual Reality.

Biomechanics / Sport
Portable and scalable solution for relevant measurement inside and outside the research lab.

Neurosciences / Marketing / UX
Analysis and study of human behaviour confronted with visual stimuli, whether in real or virtual environment.
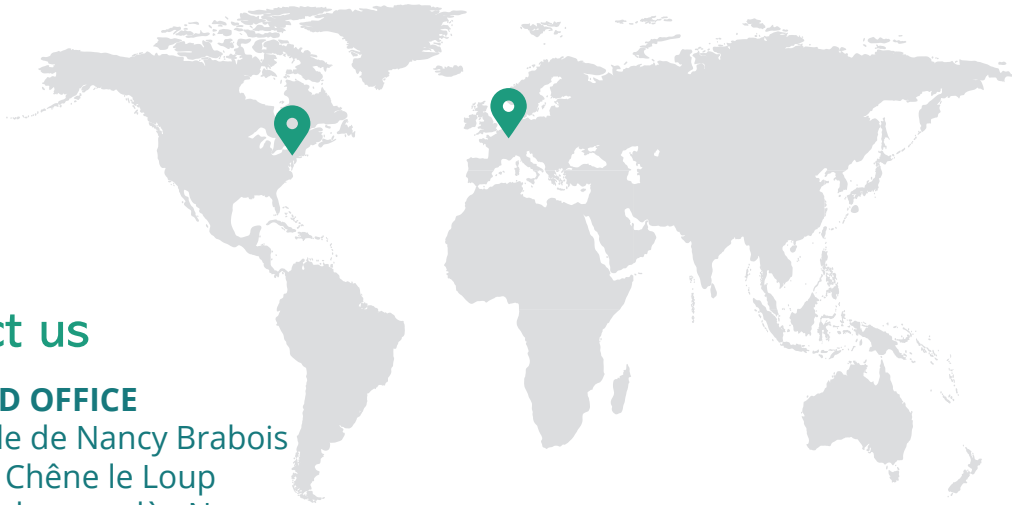
Services
Initial assessment of your working environment, through analysis of all occupational risks, via training for your employees.

> "CAPTIV (by T.E.A.) is a truly innovative way to measure the ergonomics of our current and future activities at Alstom, by capturing reliable and accurate data."

Anaïs Richard
Ergonomist, Alstom

Expert in Measurement
and Analysis of Human Behavior

Contact us

TEA - HEAD OFFICE
Technopôle de Nancy Brabois
3 rue Bois Chêne le Loup
54500 Vandoeuvre-lès-Nancy
FRANCE

+33(0)3 83 44 08 09
contact@teaergo.com

TEA ERGO INC.
SBD Center
1510 Cecil B. Moore Avenue
Philadelphia, PA 19121
USA

+1 (702) 268-4538
benoit.gaussin@teaergo.com