BLUESKEYE™ AI
HEALTH FOUNDATION
PLATFORM

MEASURING THE MIND
TO IMPROVE
HEALTH OUTCOMES

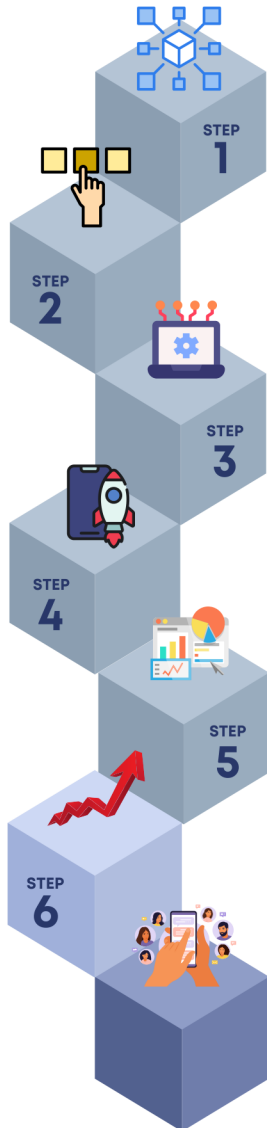Come & See Us!
STAND 8739

CES

Consumer
Technology
Association®

HEALTH FOUNDATION
P L A T F O R M

STEP 1

SELECT MODELS

Choose what expressed behaviour digital biomarker you want to measure, including emotion, gaze, and facial muscle actions.

STEP 2

CHOOSE A TASK

Select the interactive task that best suits your target audience and study outcome; e.g. a daily journaling feature, virtual agent chat, or a game.

STEP 3

CONFIGURE YOUR APP

Quickly and easily combine models and tasks into a white-labelled app and configure support modules for easy onboarding, and optional (video) instructions, questionnaires, and interactive data visualisations, tailored to your end-users.

STEP 4

DATA COLLECTION

Collect high-quality model training and study evaluation data using cutting-edge Machine Learning, with sensitive data processed on edge & and results stored securely in BlueSkeye's Cloud.

STEP 5

DATA ANALYSIS

Analyse and interrogate the data using the insights platform, optionally use BlueSkeye's world-leading data science expertise.

STEP 6

SCALE UP

Take your digital biomarker study to the next level and validate the app at scale developed under QMS.

STEP 7

ROLL OUT

Release your companion app with the embedded digital biomarker to improve treatment, increase adherence, and create loyal customers.

Lets you use CLINICAL-GRADE MACHINE LEARNING to build a bespoke branded COMPANION APP to measure EMOTION & MEDICALLY RELEVANT EXPRESSED BEHAVIOUR at scale quickly, easily and compliantly.

Quantifiably, repeatedly, and objectively by comparison to existing best practice

Identify measure and track relevant BIOMARKERS

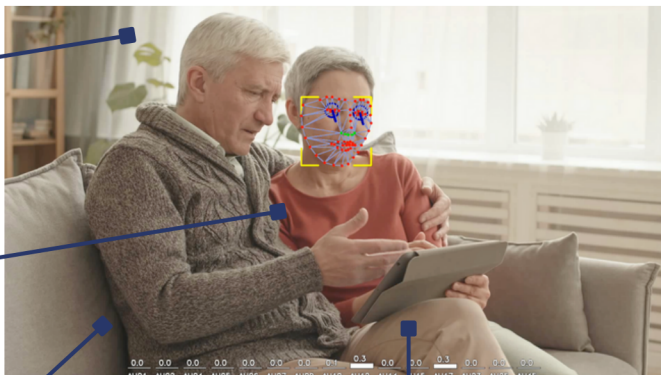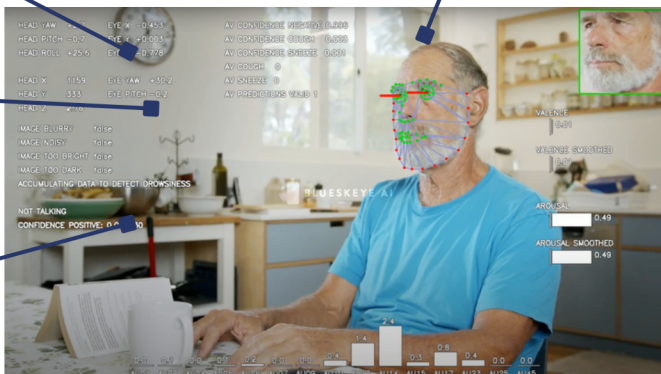With transparent and explainable machine learning models

Applying cutting-edge data science

Enhancing subject experience and engagement

To deliver a bespoke branded app from preexisting modules

On edge; increasing;
- Security and privacy
- Data quality and
- Subject engagement

Using commonly available technology - mobile phones and tablets

OTHER BEHAVIOURAL
BIOMARKERS

By comparing the way your facial and vocal behaviour changes over time using your facial expressions, facial muscle actions, as well as where you are looking, your body pose and the tone of your voice we have the potential to identify and monitor all kinds of medical conditions that manifest in the face or voice.
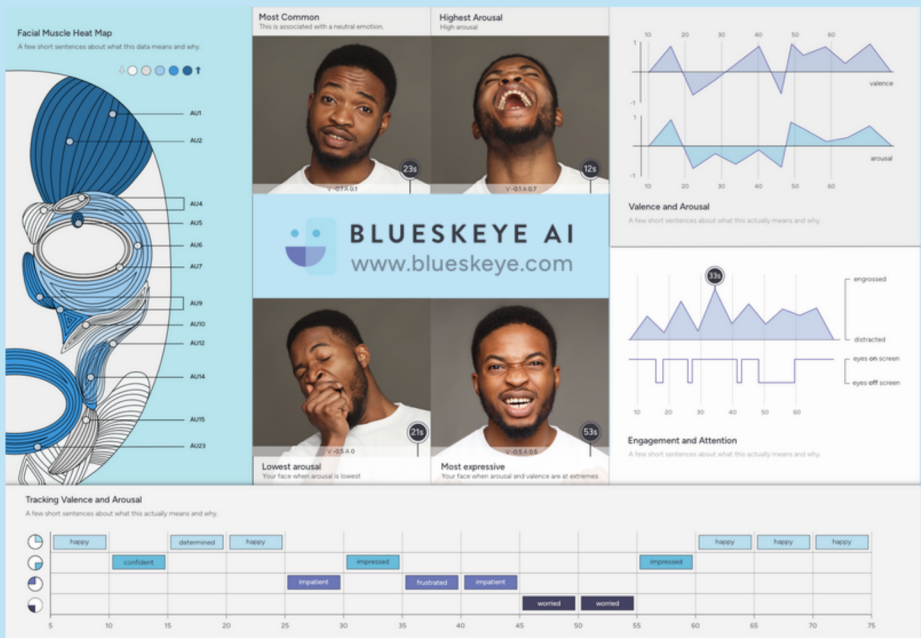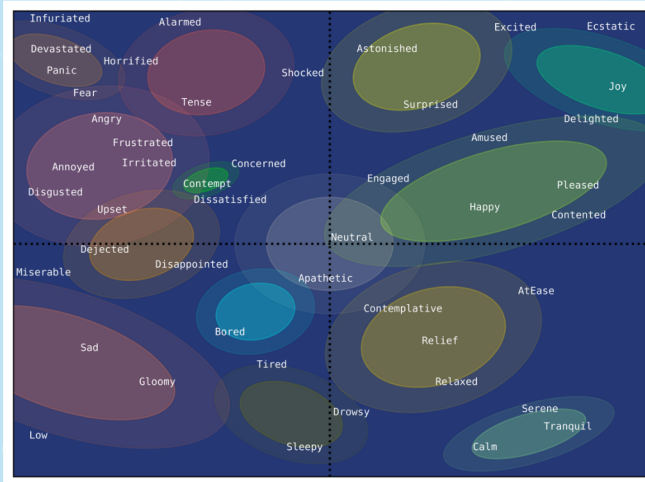
Gaze

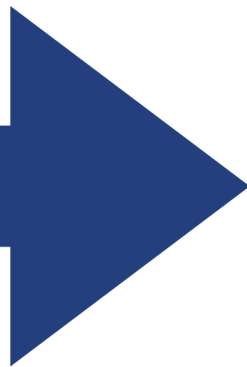Facial Muscle Actions

Head Movement

Upper Body Tracking

BLUESKEYE AI
www.blueskeye.com

EMOTION

Categorical and Dimensional Emotion

BlueSkeye uses a continuous approach (Apparent Valence [V] and Arousal [A]) to measure expressed emotion.

This better fits the real human experience of emotional states. This approach allows emotion regions to be defined and to measure the transitions away from and towards these regions. This continuous approach, where appropriate, can be mapped back to a much less exact categorical representation. For example, excited, calm or angry.

BETTER
HEALTH
OUTCOMES

Increase engagement and satisfaction

_____

Personalise digital health tools to improve health and wellbeing

_____

Collect measurable, repeatable and actionable data insights at scale

_____

Use mobile phones, tablets and edge processing for convenience, privacy and security

WHY CUSTOMERS CHOOSE TO WORK WITH US

WORLD LEADING RESEARCH
We have 8 patents pending and 14 data scientists

ADVANCED MACHINE LEARNING
Extensive Machine Learning tool kit with proven low-bias algorithms.

TASK DESIGN EXPERTISE
Library of proven tasks designed to elicit high-quality data and the expertise to build bespoke tasks

PROVEN TECHNOLOGY
Used by 250,000 mums and mums-to-be in the UK to date and in trials with the UK's NHS.
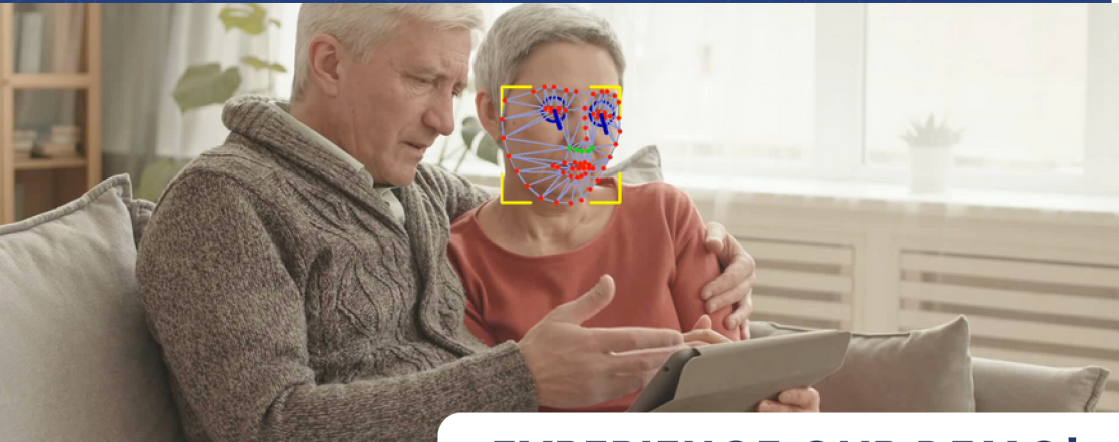
CLINICAL-GRADE
Experience in developing and deploying the technology in clinical trials

CERTIFIED AND REGULATED
ISO27001 compliant, built using QMS and compatible with UK, EU and US medical device regulation.

MEASURING THE MIND
TO IMPROVE
HEALTH OUTCOMES

EXPERIENCE OUR DEMO!

Website
www.blueskeye.com

Email
sales@blueskeye.com

Where we are:
Stand: 8739 | LVCC North Hall

CES Consumer
Technology
Association

SCAN ME

BLUESKEYE™ AI
HEALTH FOUNDATION
PLATFORM