InnerEye Sense Plus Braintech Solution

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Minded AI for Mobility

Solution to provide safety, security, comfort, and enjoyment for Automotive industry





Emotion Analysis

Senses Plus product enables measurement and monitoring of user's cognitive and emotional states.

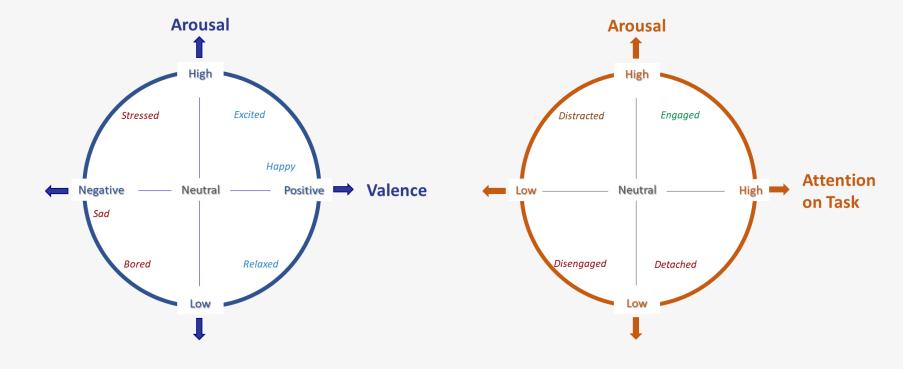
The states include primary states which are direct outputs of physiological signal classifiers, and secondary states which are combinations of the primary states.

Primary States

- 1. Concentration
- 2. Attention-On-Task
- 3. Wakefulness
- 4. Arousal
- 5. Valence

2nd States

- Stressed vs. Relaxed
- Excited vs. Bored
- Happy vs. Sad
- Engaged vs. Disengaged
- Distracted vs. Detached



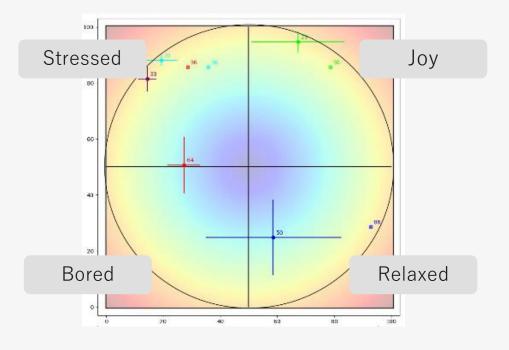


PoC Case Study – Emotions States

Cognitive States / Emotions Analysis

Focus level, emotions, sleepiness detection



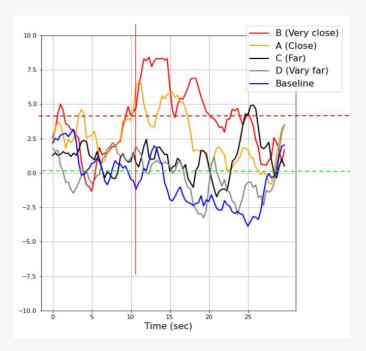




PoC Case Study – Danger / Safe Detection

Driver's reaction by distance of other cars (safety and danger points)

Watch 5 types of simulation video and analyze how driver reacted





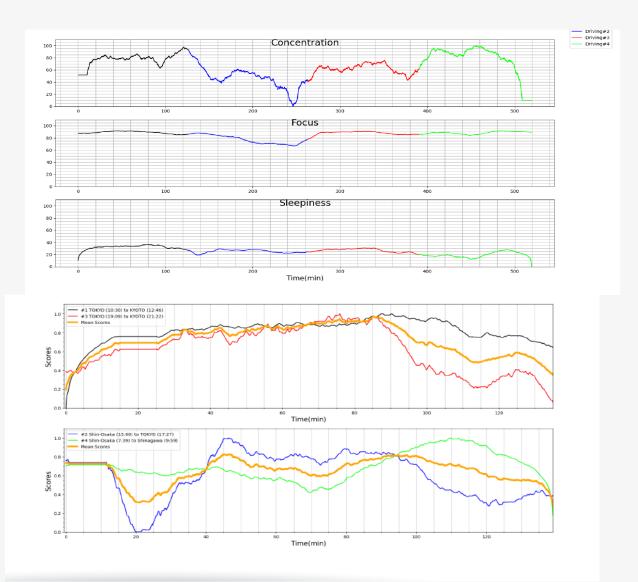


PoC Case Study – Sleepiness Detection

Train driver's « sleepiness detection »

Analyze and identify precisely at which moment drivers start feeling sleepy.

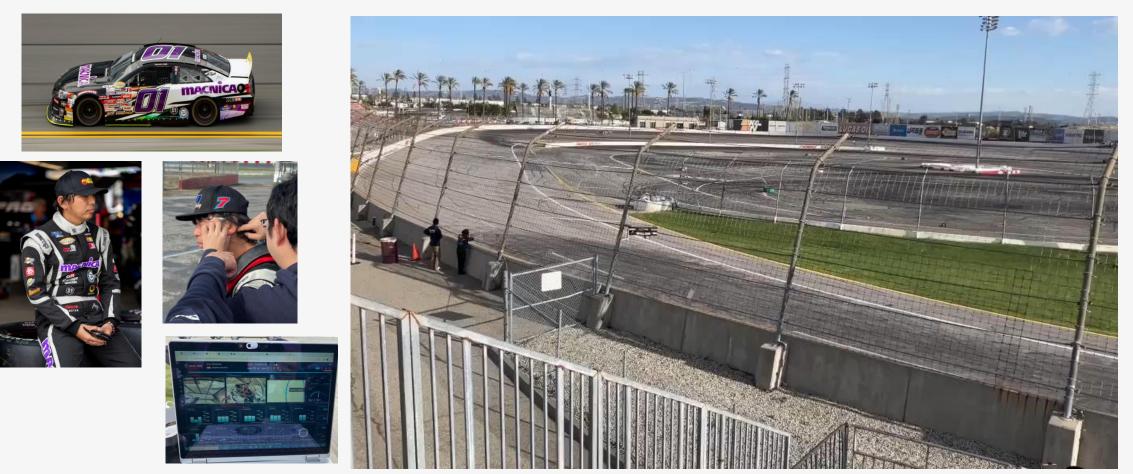






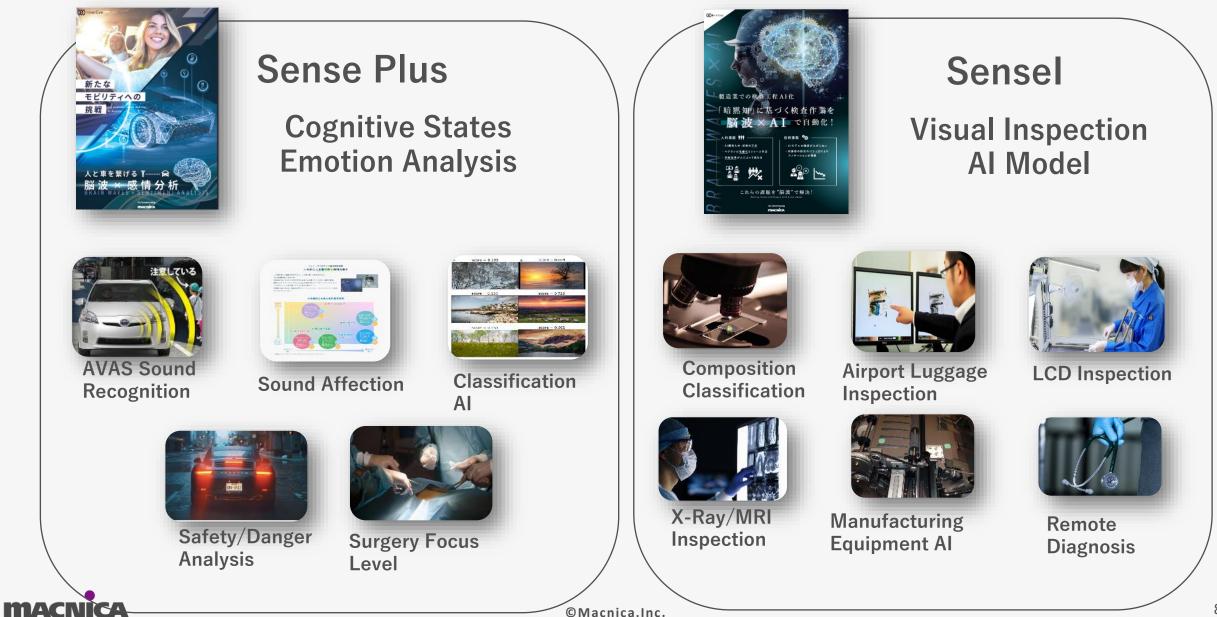
PoC with NASCAR

Brainwaves data collection with a racing car (extreme condition)





Case Studies





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