

# Blinking Signal Visibility Checker



Reference Exhibit

**Measures drivers' brainwaves to visualize attention levels**  
**Enables daily monitoring of attention fluctuations**

## Challenges for railway operators

Difficulty securing  
drivers due to  
declining workforce

Aging driver  
population

Health management  
relying on self-reporting

Ensuring safe  
operations

## Blinking Signal Visibility※ Checker

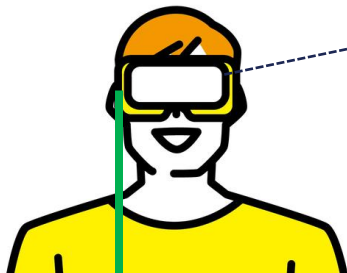
**Visualizing attention without relying on  
self-reporting**

※Refers to the ability of train drivers to recognize flashing signals such as special signal lights.

Analyzes brainwaves generated when focusing on flashing signals.

### System Components

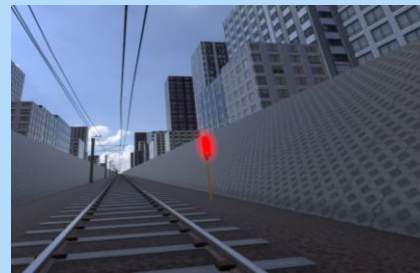
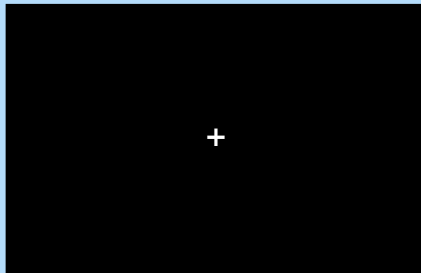
EEG electrodes +  
head-mounted display



Electroencephalograph

Analysis PC

### Focus on the Flashing of Obstruction Warning Indicator



### Example result

Blinking Signal Visibility Checker

Example result: "Your flashing  
signal visibility score

80 points



Visualizes and evaluates  
attention using  
brainwave analysis

# Please check out the demo.

demo

## Blinking Signal Visibility Checker

