



**ATA ASSOCIATES**



**PHARMA FLIGHT**

**AWARE**

**A Fatigue Recognition and Management Program  
In Partnership with PHARMAFLIGHT**

# AWARE

Advanced Worker Awareness to Reduce Endangerment

AWARE is a physiological evaluation using PHARMAFLIGHT's SPED device, which provides data and solutions to maximize driver performance and mitigate fatigue, thereby improving safety on the roadways, reducing litigation risks and improving the driver's quality of life.



The AWARE program and use of the SPED testing device is not only an analysis tool, but a complete service aimed at maintaining the physical and cognitive performance of your workforce. The goal is to help your team reach and sustain optimal conditions, so they can handle unexpected events professionally and safely.



Different levels and combinations of fatigue and stress play a crucial role in events caused by human error. Fatigue and stress affect reaction time, perception, focus and resolve. This is why optimizing human performance is key to workplace efficiency and safety.

## Industry Standard

Some best practices regarding fatigue risk management are based on predictive algorithms using subjective questionnaires. The results of these questionnaires can change according to the individual's actual motivation and mood. Additionally, these algorithms are not based on objective data analysis.



AWARE's goal is to bring new methods to combating worker fatigue and finding ways to improve productivity and quality of life based on data collected and analysis by the SPED device and our team.

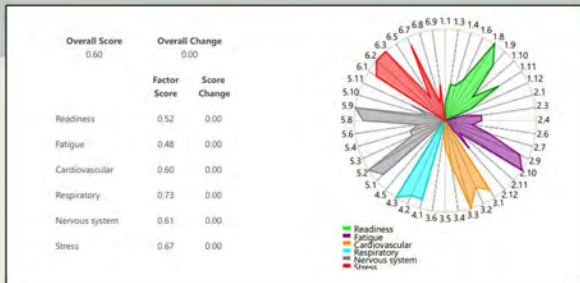
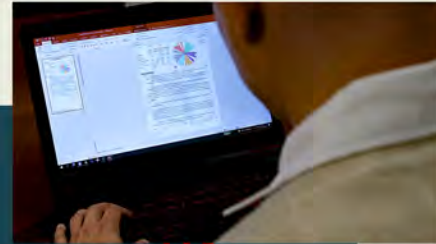


## How AWARE Works

An on-site non-invasive measurement will be performed, which usually takes about 15 minutes. Results of the measurement are generated and sent via email, including an assessment with recommended directives targeting health improvement and sustainability.

## Benefits

Our AWARE program can be used to optimize efficient performance, while maintaining high workload levels. This is paramount in industries where age limits and defined fitness levels are required. Additionally, the continued use of this program offers the opportunity to keep older colleagues in the best possible condition by monitoring their ongoing physiological status.



## Evaluation/Results

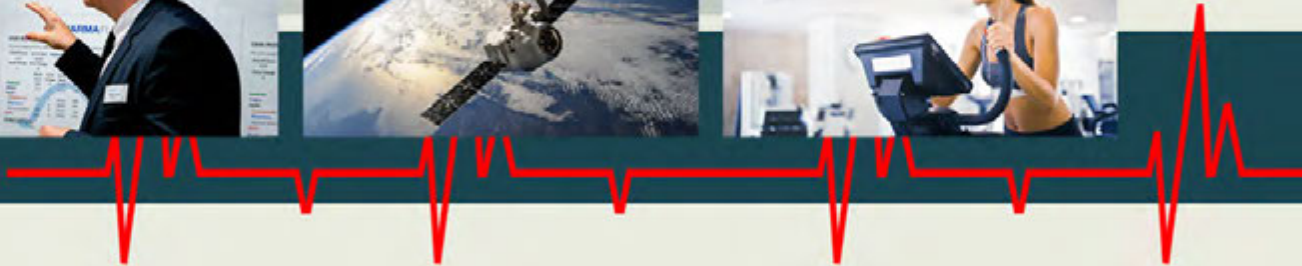
- The overall score is valued 0-100. The closer the subject is to 100, the better physiological status they are in.
- The overall score change will be used to determine how well the subject is adhering to the wellness plan. If the overall score is a positive number, then the subject is making progress towards achieving a better overall score.

## Utilization

Optimize Performance - Our resting evaluation can be used to optimize the efficient performance of workers; which is much needed in occupations where fitness tests are required.

Performance Management - A program would include multiple measurements a year, accompanied by lifestyle wellness consulting. This would include monitoring performance improvement while maintaining optimal physiological and cognitive states.

Physiological testing and analysis programs have been used in collaboration with aviation systems, public transport networks, driving schools and in evaluating air force pilots, firefighters and high-level athletes.



## History and Past Experience

Previous iterations of physiological testing and analysis programs have served as developmental precursors to the AWARE program; ATA's business and systems partner PHARMAFLIGHT has had some notable successes:

### Hungarocontrol Air Navigation Services

PHAPA system was used in the selection phase of Hungarocontrol air traffic controller recruitment between 2018-2020.

### Debrecen Public Transport Company

Making public transport safer for passengers and less demanding for drivers is a primary focus. A collaboration program was started with the Debrecen Public Transport Company in 2017. In this program, around 110 bus and tram drivers' physiological states are continuously measured.

### Koroknai Driving School

Driving instructors of Koroknai Driving School started using the physiological measuring system in the summer of 2022.

### Firefighters

163 firefighters were extensively evaluated in a shared project with the Hungarian National Directorate General for Disaster Management. The goal was to provide reliable long-term information about choosing the right role for staff and maintaining a positive quality of life.

### Athletes

This program has been used in fine tuning the day-to-day training methods of high-level athletes in various sports like handball, weight lifting, basketball and football.



*Creating Client Solutions and Resources for Over 50 Years!*



The value that the AWARE system brings to your organization derives from creating a workforce that is performing at optimal cognitive and physiological levels. This provides increased levels of safety and efficiency in the workplace and on the roadways, resulting in reduced insurance and litigation expenses. The AWARE program will also promote a better quality of life for your workers; the by-product of which is increased productivity over longer periods of time and minimized staff turnover.

Contact ATA Associates today for more details on how to help you improve staff performance and safety!