



AlertMeter
Fatigue Risk Management System

Prevent incidents before they happen — in just 45 seconds a day.

A fatigue and cognitive impairment detection & prediction system for high-risk industries.



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Representing:
AlertMeter by Predictive Safety



The Human Risk Problem

A single impaired employee creates unacceptable risk

Every day, supervisors are left guessing which team members are showing up tired, stressed, or otherwise unfit for duty, creating significant safety and financial risk.

Fatigue costs employers an estimated **\$136 billion** annually in health-related lost productivity.

Impairment from fatigue is comparable to having a Blood Alcohol Content (BAC) of .08, a level considered legally drunk.

An impaired worker can cause serious injury to themselves and others, or lead to catastrophic equipment and brand damage.

Financial impact:



Operational risk:



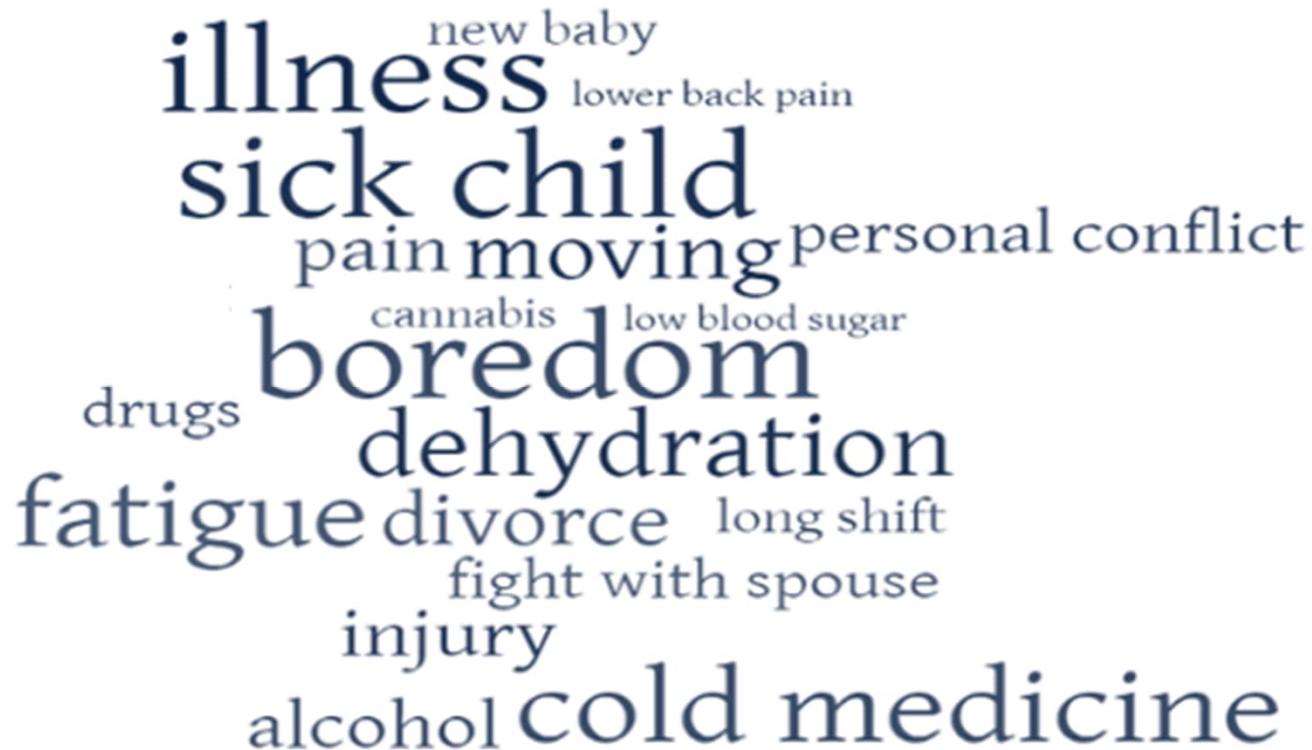
Hidden dangers:





Redefining Impairment

Impairment is far more than just drugs & alcohol

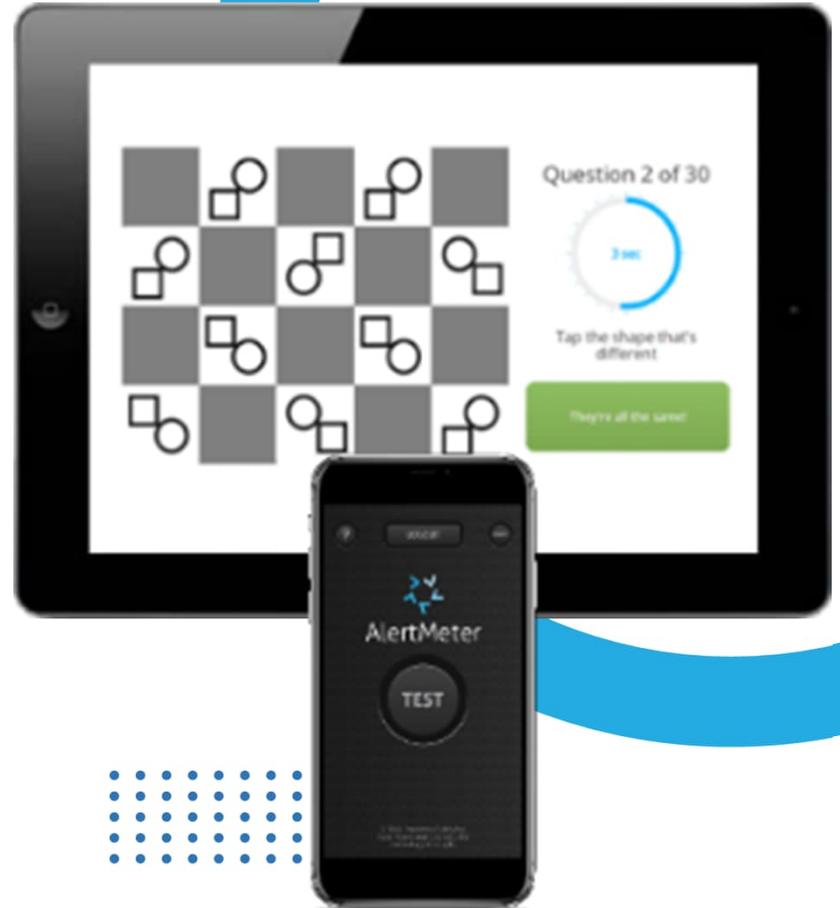


Introducing AlertMeter®

A simple game to confirm fitness for duty

AlertMeter® is a 45-second, non-invasive cognitive assessment that identifies potential fatigue, stress, or other impairment based on each employee's personal baseline. It's designed to deliver three key outcomes:

-  Identify human-factor risk at the start of shift.
-  Prevent safety incidents before they happen.
-  Enhance workforce productivity and well-being.



Trusted By These Industry Leaders



GLENCORE



Supervisors get real-time dashboards to see and manage both types of risk.



How AlertMeter® Works

Two integrated systems to manage human risk

AlertMeter® combines two powerful approaches to give you a complete picture of workforce readiness.



Daily Cognitive Assessment: A simple daily assessment that detects impairment you can't control... Lack of sleep, illness, stress, or substance use. It measures an operator's alertness against their own unique baseline.



Biomathematical Fatigue Prediction: A predictive model identifies fatigue risk you can control, like that caused by work schedules, shift rotations, and overtime. It calculates risk based on circadian rhythms and work pressure.



Why It Works

Objective, non-invasive, and built for the real world

AlertMeter® was built on a foundation of scientific validity and respect for employee privacy, which sets it apart from other monitoring tools.



It's personal:

Every result is compared only to that individual's own baseline. It never compares one employee to another, ensuring the measurement is relevant and fair.



It's validated:

The technology is patented, proven, and supported by research and standards from bodies like NIOSH and the Transportation Research Board (TRB).



It's non-invasive:

AlertMeter® requires no cameras, no wearables, and no collection of biometric data. This builds trust and encourages adoption.



It delivers results in seconds:

The process is fast and efficient, providing clear indicators without disrupting daily operations.



Daily Use In The Field

A simple 3-step process for employees

The process is designed to be fast and easy, integrating smoothly into the daily workflow without causing disruption.



Play:

Before their shift, the employee plays the 45-second cognitive game on a tablet or phone.



Score:

The user sees their result immediately. A green score means they are within their normal range.



Insight:

If the user scores "red" (Outside Normal Range) twice, they are prompted to find a manager to have a conversation, following your existing policies.

Dashboard View

Real-time visibility for supervisors

The supervisor dashboard gives managers an at-a-glance overview of their team's readiness, allowing for proactive intervention, flagging multiple statuses for easy interpretation:



OK:

Scored within their normal range.



Outside Normal Range:

Scored "red" twice, triggering a notification for a manager conversation.



Retest Check:

Took a second test after a red score and passed.



Survey Check:

Flagged based on a response to a customizable survey (e.g., answering "Yes" to "Do you feel sick?").



No Test Taken:

The employee did not complete the test within the required time window.

Employees Reporting In 170 (of 171), 99% Participation

Actions...

Show 25 entries

Search:

In Shift	Employee	Clocked In Time	Test Time	Status	Retest	Survey Notification
<input type="checkbox"/>	Brian Thomas		Tue 05:16	⚠️ Outside Normal Range		
<input type="checkbox"/>	JOSEPH ROBINSON		Tue 04:02	⚠️ Outside Normal Range		
<input type="checkbox"/>	Ricardo Simms		Tue 04:43	⚠️ Absent		
<input type="checkbox"/>	✓ Larinzo Williams	Tue 13:27	Tue 12:25	🟡 Guarded	✓	
<input type="checkbox"/>	✓ Kadeem Hyman	Tue 12:56	Tue 12:47	🟡 Guarded		
<input type="checkbox"/>	Jamira Wilson		Tue 03:24	⚠️ Outside Normal Range Note		
<input type="checkbox"/>	✓ Cleggett Johnson	Tue 14:36	Tue 14:27	🟢 OK	✓	
<input type="checkbox"/>	✓ Derrick Smith	Tue 12:28	Tue 12:01	🟢 OK	✓	
<input type="checkbox"/>	Paul Jose Henderson		Tue 07:02	🟢 OK	✓	
<input type="checkbox"/>	SABRINA DAVIS		Tue 06:31	🟢 OK	✓	
<input type="checkbox"/>	Stephanie Jamison		Tue 05:50	🟢 OK	✓	
<input type="checkbox"/>	Donna Gregory		Tue	🟢 OK	✓	



Results In The Real World

Proven to reduce risk at major transit authorities

AlertMeter® is already delivering measurable safety improvements for organizations that cannot afford a single incident.

Case Study 1:

Washington Metro Transit Authority (WMATA)

- » Over one year, WMATA conducted over 227,000 tests with a 99.5% participation rate.
- » Performed 2,519 fitness-for-duty evaluations based on test results.
- » Proactively restricted 616 drivers from service on days they were unfit for duty.
- » Achieved these results with no negative impact on on-time performance.

Case Study 2:

ConGlobal

- » After a successful pilot, this terminal operator expanded AlertMeter® to all 60+ U.S. facilities.
- » Full adoption by ~2,000 operators in safety-sensitive roles.
- » Resulted in a 58% decrease in Total Recordable Incident Rate (TRIR) from 5.98 to 2.5

Testimonials



"Safety starts with awareness, and AlertMeter® gives us real-time insight into our teams' readiness before they even step onto the job site. By identifying potential risks early, we've been able to prevent incidents, protect our employees, and reinforce our commitment to a workplace where everyone goes home safe."

Warrick Nance
VP Safety, Training &
Operations



We are utilizing this at seven of our facilities (300+ employees) in the south with some incredible results. Shifted the focus to ensuring employees are in a good cognitive mental place when they go on the floor.

Fatigue, sickness, stress... all these things can cause you to respond in a reduced capacity. With 40 tons under hook, we cannot risk that 'bad day'.

Matt Black
VP & General Manager



Compliance & Readiness

Aligned with federal safety standards and mandates

AlertMeter® is designed to help organizations in highly regulated environments build a documented, defensible, and proactive safety program.



Supports federal guidelines:

The system helps companies align with risk-reduction recommendations from OSHA, FRA, and DOT.



Addresses emerging rules:

Our impairment monitoring is well-positioned to meet proposed new requirements from the FTA.



Proven in demanding fields:

The platform is already successfully implemented across regulated industries including public transit, aviation, mining, and oil & gas.





Industry Use Cases

Protecting people and assets in demanding fields

AlertMeter® is built for any industry where alertness is critical to safety and performance.





Executive KPI Snapshot

Driving a culture of safety with measurable KPIs

AlertMeter® provides executive leadership with a powerful dashboard of leading indicators to monitor workforce readiness and prove the return on investment.



Participation:

01.

Achieve 98% or higher daily engagement from the workforce.

02.

Ready for work:



Have 90% of workers score "Green/OK" on their first attempt, indicating a ready workforce.



Alertness risk:

03.

Keep the "Red/ONR" rate below 2%, ensuring a consistently low-risk state.

04.

Wellness opportunity:



Keep early-warning indicators under 8% to identify employees who may benefit from wellness programs and support.



How To Get Started

Ready to catch the next incident before it happens?

AlertMeter® is a device-agnostic, SaaS-based platform that can be deployed quickly.

Contact us to schedule a customized demo and see how AlertMeter® can protect your most important asset... Your people.

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