Predictive Safety
FATIGUE MANAGEMENT

Incident Rates
Average 35% Lower
Year-to-Year.

Managing Fatigue
Throughout the Shift

A complete system for predicting and managing employee fatigue.

Predictive Safety's Fatigue Management System (PSFM) builds on the AlertMeter's real-time alertness tool with the addition of prediction and tracking. Using a proprietary predictive algorithm and automated tracking system, it actually alerts workers to upcoming fatigue, and then helps them manage it in advance through an automated system. It also predicts fatigue risk for their journey home, keeping your workers safe, door to door.

84% Employees and supervisors who agree that fatigue monitoring improves job safety.

35% Reduction in incidents

38% Reduction of hours worked with a high or severe fatigue status

3% Improvement in worker attendance on night shifts

Source: *Komela Mine Study, 2013*

Added Value Beyond Data Analysis

Unlike data analysis that only provides the data, PSFM has a closed loop system that takes the workers from notification through options for managing fatigue, and tracking and reporting that includes a supervisor dashboard that shows real-time fatigue status of current workforce.

PSFM includes Initial fatigue assessments, compliance planning and documentation, training for supervisors and employees, and award-winning programs for families and schools with games, coloring books, and comic books on supporting good sleep hygiene in working family members.

We also have world-class safety experts on our team that span a wide spectrum of health and safety services ranging from safety system development, training, and compliance design with specialists in the areas of behavior, leadership, and occupational culture.

FAQ

How does Predictive Safety Fatigue Management communicate to workers on site?

We utilize existing communications systems to deliver alerts and track employee dispositions, including email, dispatch, text or SMS, message boards, radio or mobile phone.

How does the Predictive Safety Fatigue Management collect its data?

For Fatigue Data we can work with any time and attendance system or security system that stores data in a database and tracks worker start and stop times.

We can tap into your databases to collect key parameters in:

- Static Indicators such as: Operation Certification, age, Job Risk Profile, Performance History

- Dynamic Indicators such as vehicle speed and braking data, fuel consumption, fatigue detection systems in-cab

We can easily interface with any SQL-based data system.

How can Predictive Safety Fatigue Management System bring positive culture change to work sites?

Based on surveys done in our fatigue management program, workers cite improved morale and feeling safer because they have a program that they can self-manage, and fatigue is taken seriously, often for the first time.

Some results of the surveys:

- Workers and Supervisors agree that use of a fatigue monitoring system increases awareness of job safety and performance - up 84%

- Supervisors and workers said that PSFM gives them the ability to manage their own fatigue levels at work - up 46%

- Workers thought that Predictive Safety Fatigue Management would help management understand workers better and improve working conditions - up 94%

- Workers feel better about their work environment when knowing that employees around them were monitored for alertness/fatigue - up 96%

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Instant Risk Notifications

Workers log into a Proof-Of-Safety (POS) unit at punch-in and punch-out. Supervisors receive an immediate alert when a worker's fatigue threshold has been reached.

Improved Employee Performance

The system provides targeted countermeasures based on fatigue level to improve alertness and productivity.

Reduced Liability

Limit illness and absenteeism, medical and safety incidents, and costly insurance payouts while improving the quality of life of your workforce.

Find more information on our website:
predictivesafety.com/fms