Workforce Management with SAFTE-FAST®

Minimize employee chronic fatigue to improve safety and minimize fatigue-related accidents.

Whether they work in fixed route, paratransit, light and commuter rail, your operators face challenging service schedules to meet rider demands. To improve safety, reduce fatigue-related incidents, and promote personnel health, industry and regulatory bodies recommend that agencies adopt vigorous fatigue management measures.

Trapeze has partnered with SAFTE-FAST to provide agencies with state-of-the-art tools for predicting operator effectiveness based on the latest fatigue modeling. Workforce Management with SAFTE-FAST helps you enforce Hours of Service policies. Through automation, rules are applied consistently and fairly. We also look beyond Hours of Service (HOS) rules by incorporating scientific algorithms that adjust for human behavior, shift work, circadian rhythm, demanding work activities, commute time, and rest periods.

Overview

Mitigate Fatigue Risk with Detailed Work Assignment Rules

- Restricts the amount of work that can be assigned to an employee; supports unique rules by division group and employee type group
- Implements agency configurable calculations (e.g., operational week, pay week, adjoining days)
- Provides different rules and/or thresholds (e.g., bidding, work planner, activate day)
- Error thresholds open and assign work to another employee, ensuring no policy violation occurs

Accurately Measure Employee Effectiveness with SAFTE-FAST Scoring

- Integrates SAFTE-FAST Effectiveness Work Assignment Rule; configurable warning/error thresholds for employee effectiveness score
- Provides configurable number of days of work history
- Enables SAFTE-FAST Effectiveness Work Assignment Rule to: activate day, assignment assistant, daily activity, absence conflict

Consistently Evaluate Risk with an Easy, Simple Interface

- Automatically validates work assignment rules for type of activity with assignment changes
- Presents SAFTE-FAST effectiveness in the Work Rule Progression screen
- Immediately presents warning/error message, calculated value and threshold value and visible status when a threshold is triggered; provides a full audit trail

Agency Benefits

Improved Safety

Automation increases compliance with safety management policies. Operators with higher effectiveness scores are more alert, have faster reaction times, are able to handle highly distractive environments, and prepared to take quick action to avoid accidents or incidents.

Increased Productivity

Effective employees are more productive and able to accomplish tasks efficiently. SAFTE-FAST, with more than 20 years of fatigue modeling experience, leads the industry in fatigue management research, modeling and continuous performance process improvement, helping your staff do their jobs well while staying healthy.

Improved Communications

Operators, schedulers, dispatchers and supervisors can easily see how work rules are applied and understand why an operator may or may not have been eligible for overtime or volunteer work, or assigned alternate duties to ensure adequate rest and recovery time.

Better Cost Control and Value

A powerful fatigue management strategy helps your bottom line, in more ways than one. It is estimated that in 20% to 30% of accidents and incidents, fatigue is a contributor. Generally considered avoidable, these incidents add up to millions of dollars in hard costs and create unquantifiable damage to public relations and rider confidence.

Passenger Benefits

Safer Passenger Journeys

- Improves rider safety with a system validated by the FRA that identifies fatigue risk and actively mitigates it; predicts accidents, the severity of accidents, and employee sleep patterns based on the analysis of their work schedules

Improved Service

- Healthier workforce that avoids chronic fatigue often results in lower absenteeism, helping deliver the reliable service passengers expect

Enhanced Customer Experience

- Enables employees to better cope with demanding work schedules, increasing operator effectiveness that contributes to operational excellence

Connect with our Experts

Trapeze™