uffizio

Drive Safe, Arrive Safe: Enhancing School Bus Transportation

INTRODUCTION

The safety of children on school buses is a top priority for school districts and parents alike. In recent years, technology has enabled schools to monitor and optimize the driving behavior of their bus drivers, ensuring safer and more efficient transportation for students.

CHALLENGES

One of the major challenges faced by school bus management was ensuring the safety of students during transportation. As school bus drivers often have to deal with heavy traffic, narrow roads, and unpredictable weather conditions, which increased the risk of accidents.

Unsafe driving behaviors such as speeding, sudden braking, and aggressive driving further exacerbated these risks and endanger the lives of students.

Poor driving behavior such as sudden jerks, jolts, and erratic movements caused discomfort and stress to students, leading to a negative impact on their academic performance and overall well-being.

School bus management systems faced challenges in holding drivers accountable for their driving behavior, especially when they are driving on remote routes or during unsupervised hours.
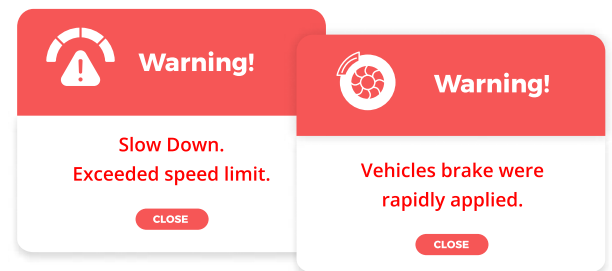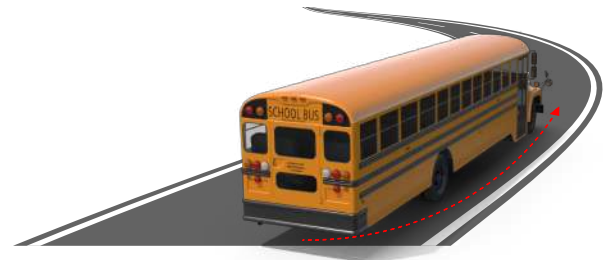
Driver View

SOLUTIONS

The implementation of driving behavior monitoring software helped the school bus management to address these challenges.

Our software comes equipped with on and off-road facing cameras to ensure ideal driver behavior.

The system generates driver's safety scorecards based on their driving behaviors. A driver scorecard is a metric that measures the driving behavior of school bus drivers.

By implementing driver scorecards, school bus management systems can track and monitor driving behavior which helps identify at-risk drivers, so they can take disciplinary measures and identify areas for improvement and provide them training.

The software generates alerts for violations or road accidents, sending notifications to the school bus management team in real-time when drivers engage in unsafe driving behavior, such as speeding or harsh braking. This allows for immediate action to be taken, ensuring that schools are promptly notified of any incidents.

Driver
Dave Turner
85 km/h

Vehicle
SC-IV 7903

Event Detected
Harsh Cornering

Big square warehouse, Opp HDFC Bank, Mumbai-400001

Warning!
Slow Down.
Exceeded speed limit.
CLOSE

Warning!
Vehicles brake were rapidly applied.
CLOSE

RESULTS

Ensure Safety – By implementing driving behavior monitoring software, schools ensured the safety and well-being of their students while also improving the efficiency of their transportation system.

Reduce the risk of accidents - The real-time feedback provided helped to reduce the risk of accidents, which led to a better overall experience for students, parents, and school staff.

RELATED USE CASES

Transforming Logistics Operations Through Driving Behavior for Efficiency and Safety

Improving Passenger Safety and Comfort through Driving Behavior