

RATP Dev USA's Safety Management Solution (SMS)

As early-adopters of the FTA's proposed safety and security regulations in the United States, the following elements illustrate a high-level framework created for the public transit community to commit to safety and security in their organization to reduce organizational and operational risk.

Your guide to a safe and secure future in mobility



FROM COMPLIANCE → SMS

Stand up to the 21st century regulations and change the conversation; address risk as well as compliance.

In the past, conversation between regulators and industry has revolved around compliance. We seize this opportunity to change that conversation to address risk as well as compliance.

Safety Always

A comprehensive solution

- SMS Enterprise Software
- Learning Management System
- Incident Notification System
- Vehicle Telematics

Modes of Transit

- Bus
- Rail
- Paratransit

Enabled by key relationships

- Passengers
- Community
- Our employees
- Strategic Partners

Supported by strategic priorities, a robust framework, approach to risk

- Policy
- Assurance
- Risk Management
- Promotion

Building you a safer and more secure environment for mobility

- Directly manage safety, risk and operational performance
- Capture incidents on location
- Provide real time status incidents
- Conduct root cause analysis

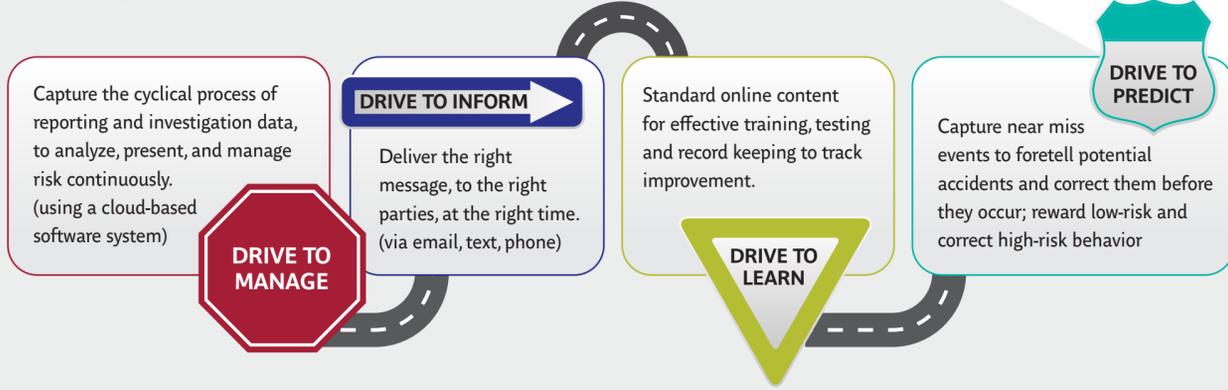
Benefits

- Improve productivity: labor productivity+ multifactor productivity
- Comply with proposed FTA 2018 Regulations
- State Oversight Plan Requirements
- Strong ROI through reduction in risk leading to reduced costs.
- Increased employee engagement and safety culture
- Benchmarked against FTA, FAA, ICAO SMS framework



Drive Results

4 components - 1 solution



Drive to Manage

- 75% of North American transit agencies' ITS (Intelligent Transit System) solutions are still housed on a local server and that 85% have considered migrating to a cloud-hosted service.
- In fact, there is a growing trend to integrate public transportation with other modes of transportation, using open application program interfaces²

Drive to Inform

- Reduce Collision frequency by >50%¹

Drive to Learn

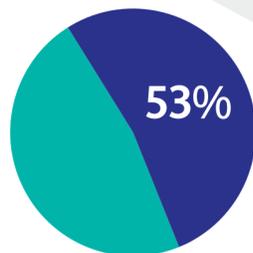
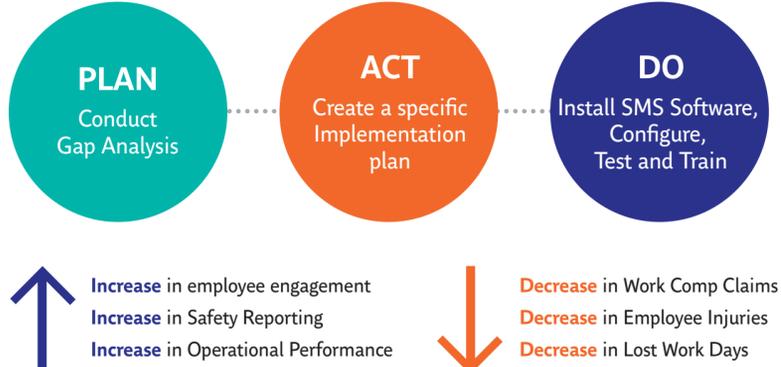
- Up to 75% of accidents are caused by non-professional drivers³

Drive to Predict

- Reducing traffic by 5% of road capacity can reduce delay by 20% or more⁴



Successful Implementation



Reduce vehicle damage, workers compensation, and personal injury claims by over 53%

FTA Safety & Security Time Series Data (Fatalities, collisions, total injuries)¹
 2017 ETA Transit Rider Survey (Drive to Manage)²
 IATSS Research, vol. 37, no. 1, 2013, pp. 1-7. (Drive to learn)³
 Transportation Economic Trends Report 2017 (Drive to Predict)⁴
<https://www.ratpdev.com>