



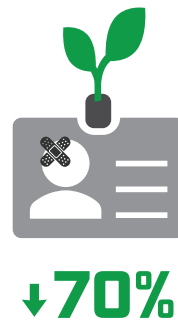
## Simulation is beneficial to both student and Instructor.

“Simulation allows students the opportunity to navigate a world of potential hazards without the consequence of an actual collision. It also gives the Instructors a chance to not only teach the fundamentals of driving a transit bus in a safe environment, but also to assess a student’s performance when presented with challenging situations that can’t be replicated on the road.”

**WILLIAM “BILLY” CAMERON**  
Fmr. Division Chief of Training - Bus & Rail  
Massachusetts Bay Transportation Authority (MBTA)



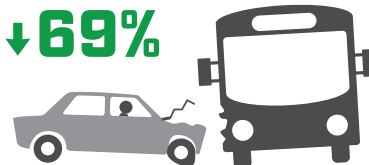
Learn more at [www.faac.com/transit](http://www.faac.com/transit)



### NEW-HIRE ACCIDENTS DECREASED

Champaign-Urbana Mass Transit District recorded a 70% decrease in new-hire accidents **in their first year of simulation-based training.**

↓ **69%**



### OVERALL ACCIDENT REDUCTION

Central Florida Regional Transportation Authority (“LYNX”) reported a 69% overall reduction in accidents **after adopting a simulation-based training program.**

↓ **35%**



### WASHED OUT WASHOUT

MTA New York City Transit’s Department of Buses saw a 35% reduction in the washout rate of new hires completing training **after the introduction of the MB 2000.**

## Training Results with Lasting Implications for Safe Operation

When NYC MTA incorporated an MB 2000 simulator into their training program, they tracked new-hire operator statistics for the first 90 days of training & route familiarization:

### WITHOUT SIMULATION TRAINING

709 students  
226 total accidents  
**48** right-side accidents  
**31.9%** accident rate

vs

### WITH SIMULATION TRAINING

177 randomly selected  
32 total accidents  
**0** right-side accidents  
**18.1%** accident rate

OVER TIME, SIMULATOR-TRAINED STUDENTS HAD AN ACCIDENT RATE REDUCTION OF 43%

## The Efficiency of a Dual Cab Simulator in a Mobile Unit

Texas Association of Counties used a dual cab simulator in a mobile unit to train law enforcement personnel and truck drivers across the state. Here's what they accomplished in four years:



Counties Covered  
**134**



LE Personnel Trained  
**2,336**



Truck Drivers Trained  
**1,505**



Pre-Simulator  
Liability Claims  
**\$6,370,958**



Post-Simulator  
Liability Claims  
**\$5,102,458**



Total Saved  
After Four Years  
**\$1,268,500**

TOTAL SAVED COVERED: SIMULATOR COSTS, INSTRUCTOR SALARY, COST OF OPERATION

## Return on investment isn't limited to savings from accidents averted.

"Training simulations... run anywhere from 30 seconds to a couple minutes... So, if [the students are] having trouble with right turns, left turns, soft stops, hard stops—that's where the advantage starts to come out on the side of training on the simulator... In just a minute or two, I can do a repeat three to five times in a sim. In a traditional bus, I'm not going to be able to do that."

STEVE BERRY

Fmr. General Manager for Public Safety at St. Louis Metro

