

PATROLSIM™

LAW ENFORCEMENT

DRIVING SIMULATOR

Improve officer safety and driving behaviors during emergency vehicle operations

Over 95.4% of motor vehicle crashes are caused by driver behavior, more specifically, poor decision-making (NHTSA, 2008). Simulation-based training is a cost-effective tool to improve decision driving tactics, safe motor vehicle operations, pursuit management, and distracted driving.

IMPROVE DECISION MAKING

Officers get complacent over time when driving vehicles. This complacency leads to bad habits that need to be addressed for the safety of the officer and the public. Habits can be as simple as poor hand position on the steering wheel, not scanning the environment for hazards, switching between tasks.

PatrolSim™ introduces officers to challenging situations that target skill development and increase the trainee's situational awareness, self-awareness, and critical thinking skills. Scenarios are designed to get officers eyes down the road, maximizing reaction and decision making time when a hazard is presented.

A simulation-based training approach improves your driver's critical driving skills, enhance decision making abilities, and increase the safety of your staff and the community you serve.

SCENARIO BASED TRAINING

Agencies have found PatrolSim™ to be highly effective tool to replicate situations that have occurred using their own traffic incident reports. Scenarios provide training on hazardous situations too risky to replicate or control at a training facility, range or on the roads.

PatrolSim™ gives officers the opportunity to experience and fail scenarios safely without putting public safety at risk. Scenarios focus on orientation, scanning, road hazards, critical thinking, and negotiating traffic in different conditions. Scenarios developed by law enforcement for law enforcement are targeted to tackle agency high risk areas.

REINFORCE POLICIES

The days of just reading policy are over. Simulator training gives agencies the opportunity to put officers in situations in which they have to apply policies and procedures in rapidly evolving scenarios. Do you know your policy? Can you apply policy in the scenario as it is presented.

A proven interactive tool to immerse officers and reinforce department policy and explain why they policy is in place.

Officers have to learn to prioritize actions using all of their equipment available. Real world distractions can be incorporated into the training environment. MDT, siren, radio, phone, etc can distract if the officer allows it.



IMPROVE DRIVER SAFETY

- > Reduce officer complacency
- > Replicate agency collisions
- > Cognitive awareness tool
- > Reinforce policies and procedures
- > Reduce vehicle damage
- > Cost-effective training tool

DECISION MAKING SKILLS

- > Risk-free environment
- > Situational awareness
- > Practice decision driving tactics
- > Heavy traffic & intersection clearing
- > Head scanning techniques
- > Distracted driving
- > Pedestrian awareness

ON-THE-JOB PREPAREDNESS

- > Scenario-based training system
- > Traffic stops and pursuits
- > Coordinated responses
- > Improve vehicle handling skills
- > PIT maneuvers
- > Skills driving range course

Ideal training tools for municipal, state, and federal agencies.

KEY FEATURES

- > Three-channel, 4K-ready visual display system with 180° field-of-view for enhanced immersion
- > Modern driving compartment design based on Ford Interceptor with simulated
- > MDC touchscreen display, adjustable console panels for siren and light controls, and VON radio communications
- > Force loaded steering coupled with advanced vehicle dynamics validated against OEM test track performance data provides real-time feedback to the driver.
- > Versatile design allows you to load and drive multiple vehicle types with appropriate driving dynamics, gauges and visuals.
- > Standard driver performance scoring system generates simple assessment scorecard for each driver tracking speed, lane changes, use of mic, etc.
- > Optional electronic motion base system delivers increased fidelity and immersive feel that responds to road vibrations, acceleration, braking, and turns.
- > Trailer options available to outfit in a mobile driver training enter complete with on-site classroom and instructors.

DRIVER TRAINING SOLUTIONS FOR LAW ENFORCEMENT

- > Blended learning environment
- > Performance assessment scoring
- > Immersive driving simulators
- > Mobile training center trailers
- > Higher transfer of learning and increased retention
- > Year round training capability



ADVANCED 3DOF MOTION SYSTEM

Advanced Motion Base, powered by D-Box, allows for real-time motion response and road feedback



MODERN VEHICLE DESIGN

Concurrent console design is adjustable to place siren controls, lights, and mic in accessible positions



VERSATILITY

Glass Dash display allows versatile way to load different vehicles with appropriate vehicle dynamics, gauges and visuals.

For more information visit L3Driver.com

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