



## FIRE/EMS DRIVER TRAINING SIMULATORS



**FIRE**  
SIMULATION TRAINING

 **FAAC**  
INCORPORATED

# THE SAFEST AND MOST EFFECTIVE TRAINING

FAAC is dedicated to the highest fidelity in modeling and simulation technology, providing real-experience for your drivers/operators in a life-like virtual environment. Understanding your training objectives and budget, FAAC works with you to develop your optimal training solution.

## **FAAC Fire/EMS Driver Training Simulators**

Simulators developed with realistic environments to provide real experience. Develop your scenarios to match your training objectives for consistent and objective training.

- Multi-tasking training
- Flexible, modular, expandable designs
- Converted real-cabs to representative driving station
- Correct visual scene placement
- Mobile or fixed-facility applications

## **Meet Training Objectives**

- Safe, effective, efficient, objective, and consistent training
- Basic, advanced, and remedial driver/operator training
- Vehicle operations knowledge
- Safe movement
- Student knowledge of rules and regulations
- Diagnosis and corrective action
- Proper radio/intercom communication

Because it is virtually impossible to train the most dangerous aspects of emergency driving, effective and realistic simulator training is critical. FAAC has the expertise and experience to deliver an accurate driving environment to train the most hazardous conditions of driving Fire/EMS apparatus.



STANDARD ER-1400 CREW TRAINER

## **Fire/EMS Simulator Components Driving Station**

- Authentic or generic dash and components
- Placement and operation of actual controls
- True-Feel Steering
- Best steering feel and response
- Accurate camber recovery
- Actual motion displacement 3-DOF platform or motion seat



STANDARD ER-1000



STANDARD EV-1000



# FOR EMERGENCY RESPONDERS, PERIOD.



ER-1400C

## THE ER-1000C & 1400C

The ER-1000C & ER-1400C are customizable, advanced training systems for those who want to tailor the driving simulator to their own fleet.

## Crew Trainer with 2View®

- Advanced visual technology
- Two correct viewpoints for training two seats
- Only crew trainer that can provide positive training
- Accurate intersection analysis
- Advanced EVOC training

## Powerful Scripting Tool

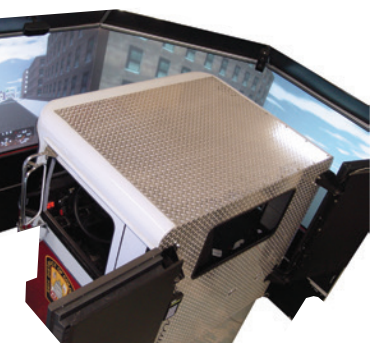
- Quick-design scenario development
- Complete resource pack
- Recreate accidents for powerful lessons
- Create lesson plan groups

## Dynamic Instructor Control System

- Intuitive Instructor Operating Station (IOS)
- Remote keypad control
- Optional joystick control of pedestrians, animals, bicycles and other objects
- Networked driving station for team training
- Exclusive jump back, replay, and re-drive student scenarios
- Instructor lesson plan tool

## Virtual Driving Environment

- Safety City – a single vivid and rich training environment utilizing the latest graphics technology
- A wide variety of geographic, roads, city, rural, and traffic environments
- Real weather effects



CUSTOM APPARATUS CAB



ER-2000



CUSTOM EMS CAB

# FAAC SERVICE, SUPPORT AND CUSTOMER RESOURCES

FAAC has a “customer for life” philosophy. We understand the importance of training and operational readiness. FAAC offers unsurpassed service and support.

- Dependable, Reliable, and Proven
- Turnkey Delivery
- Subject Matter Specialists
- Instructor Development Certification Programs
- Extended Warranty/Service Programs

## MAXIMIZING TECHNOLOGY THROUGH SUPERIOR APPLICATION

### TRAINING THE CONTINUUM

#### **Instructor Development:**

FAAC's industry leading Instructor Development Program goes well beyond teaching your instructors on how to use the simulator. Built from years of hands-on practical application training, FAAC transfers that knowledge to your team through its Simulator Instructor Training Courses. The program is designed for both the beginner and the seasoned instructor. Advanced courses offer the integration of your policies and further curriculum development.

#### **Next Level Training:**

- Public safety and judgement
- Vehicle operation
- Conditioned cognitive reaction
- Controlled response training
- Policy and procedure review
- Decision making
- Scenario Review



#### **VITALS - Virtual Instructor Trainee Assessment Learning System:**

- Effective grading and review process
- Record students' every step
- Analyze performance and debrief
- Customize events to agency tolerances
- Policy verification

#### **AASR - After Action Scenario Review:**

- Re-play / Re-drive
- Synchronized live video
- Classroom review
- Real-time instructor review



FAAC.COM/FIRE

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