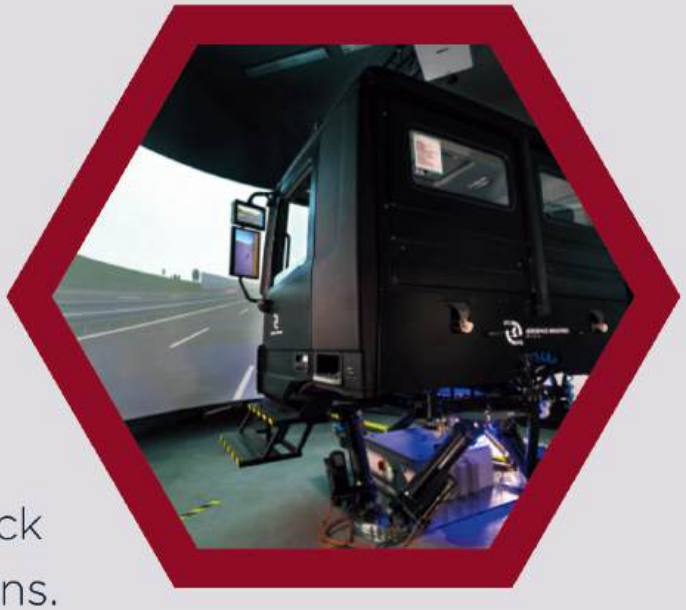
ETC-PZL

AIRSIDE DRIVING TRAINING SYSTEM



This solution provides realistic training scenarios for airside operations, pushback procedures, and aircraft towing operations.

Seamless integration of all components, from vehicle physics to environmental conditions, creates an immersive and effective training environment.

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Cost-Effective And Safe Training For Real Scenarios

Comprehensive Training Capabilities:

- Progressive learning modules from basic vehicle operations to complex maneuvers.
- A range of airside driving scenarios, from routine operations to emergencies.
- Interactive mapping depicting actual signs, markings, lighting, and geometry to meet the requirements for airport driver training programs.
- Performance monitoring and assessment tools for trainee evaluation.
- Real-time simulation of diverse weather conditions, date of the year, and times of day.
- Support for customizable scenarios to address specific operational challenges.
- Designed to simulate multiple airport vehicles and equipment.

Technical Specifications

Training Station

The simulator is equipped with two training stations designated for one trainee each.

- Desk with steering wheel with levers, pedals, seat
- Three LCD monitors showing out of the out-of-the-window view, including rear and
- central mirrors. A visualization system based on three monitors delivers a wider view
- angle for the driver needed to observe the surrounding environment properly.
- LCD screen showing dashboard of the vehicle
- LCD Touchscreen to control vehicle equipment with switchable 2D map for navigation
- Communication system
- Sound system
- Simulation and visualization computer system

Instructor Station

The instructor operates the training using an instructor station.

- Desk with equipment, seat
- Monitor for scenario preview, scenario launch, and control
- Monitor for pseudo-pilot application. The monitor can be used for preview of the out-of-the-widow-view of the trainee
- Monitor with zoomable map
- Touch screen for voice communication system control
- Communication system
- Steering wheel with levers to drive pseudo-pilot vehicle or take over control of the
- vehicle of the selected trainee
- Pedals
- Simulation and visualization computer system

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