

TEST, TRAINING & SIMULATION

PRISM

PC-BASED RECONFIGURABLE INNER SHIP MODELING

PROVIDING THE BACKBONE, STRUCTURE, AND RECONFIGURABLE ARCHITECTURE FOR EQUIPMENT TRAINING

PRISM can be used as the backbone for many different training needs. The framework meets many requirements found in training system solicitations. Currently used in Part Task Trainers, Tactical Mission Trainers, Airborne Trainers, Shipboard Trainers, Satellite Trainers, and even equipment familiarization trainers for military or commercial applications. The power of PRISM can be used to script malfunctions, set initial conditions, supply evaluation results, and allow the equipment layout to be tailored to meet training objectives and more closely match a real-platform configuration.



PRISM

THE ULTIMATE USER EXPERIENCE

While PRISM is used to model inside the ownership, providing the student the ability to “see” the environment surrounding the equipment, it can be seamlessly combined with FORTRIS™, which provides everything outside the ownership to provide the ultimate user experience.

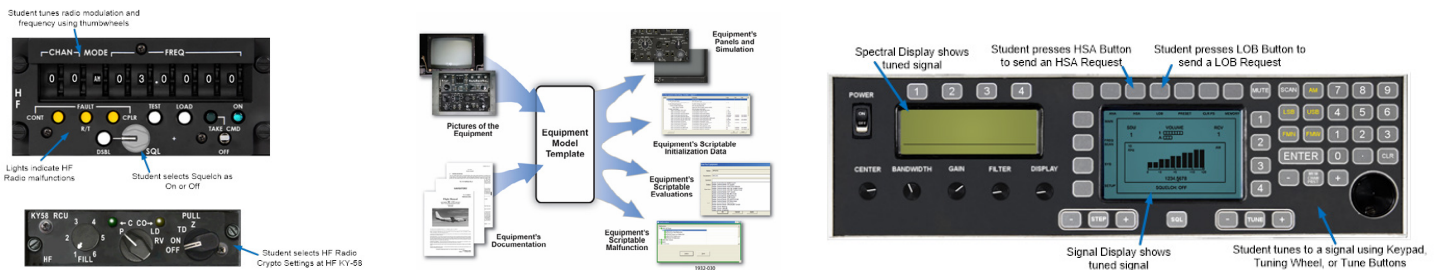
FEATURES AND BENEFITS

RECONFIGURABLE

- > Equipment panels can be easily resized and repositioned
- > Equipment panels can be configured with defaults settings and malfunctions
- > Equipment panels can be assigned to specific tabbed windows per monitor
- > User can customize layouts for multiple platforms or equipment focus points
- > The number of monitors can be configured for the student

INSTRUCTOR

- > Supports monitoring for multiple students
- > Provides integrated voice recognition and 48 kilohertz Voice over Internet Protocol (VOIP) capabilities
- > Pre-scripted control or unlimited levels of behavior modeling
- > Real-time control and role playing of other crew members and external platforms.
- > Seamless integration of external entities (players), Electro-Optical Infrared (EO/IR), and 3rd party visual simulation systems



MODELS

- > Models compiled as individual Dynamic Link Libraries
- > Integrated with existing Instructor Operator Station
- > More than 100 equipment models developed and already integrated with PRISM

SYSTEM

- > PRISM runs on Windows Based Operating System
- > PRISM is hosted on Standard Commercial Off-The-Shelf (COTS) PCs
- > PRISM is Distributed Interactive Simulation (DIS) compliant

EVALUATION

- > Supports training pace from computer aided instruction (CAI)
- > Built-in learning through Interactive Media presentation, student action, triggered events, multiple choice pop up questions, and documents displayed for the students
- > Scoring System is customized by the instructor depending on the lesson with results captured in a file for scenario after action review
- > Debrief capability available through scenario recording scenario reset, scenario replay and scenario after action review

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SCAN FOR
PRODUCT DETAILS

