

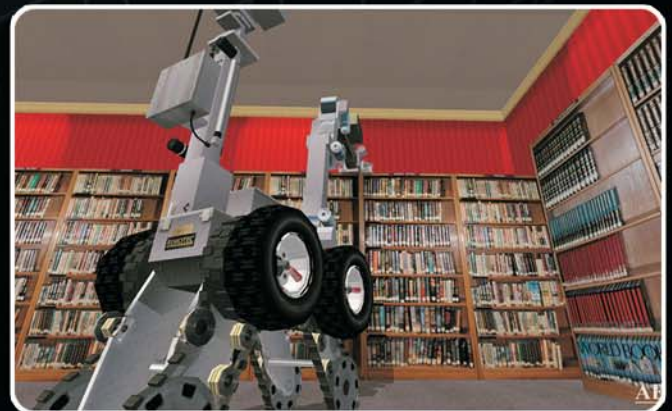
AndrosXPT Trainer

Northrop Grumman/Remotec F6-A Simulation Trainer



Feature Rich Simulation Trainer System

- High Fidelity Training System Utilizing State of the Art Virtual Reality Simulation with Game Quality Graphics
- Full Physics Engine
 - Emulates Complete Movement of the Actual Robot
 - Emulates Stand Alone Objects in the Environment
- Train Like You Use - Use As You Trained
 - Operate Robot in Realistic Simulated Environments
 - Positive Training
 - Bypass Wear and Tear on Actual Robot
 - No Broken Cameras
 - No Thrown Tracks
 - Increased Stick Time Without Negative Results
- Scenario Based Training





ANDROSXPT TRAINER FEATURES:

- Fully Integrated Trainer
 - Uses Actual Andros Switchbox
 - USB cable Connects Switchbox to Laptop
 - Integrated Cable Ships with Trainer
 - All Controls Fully Enabled
 - All Menu's Enabled
 - Detailed Menu's Exactly Like Actual Robot
 - Fully Enabled Soft Panel Display
 - Digital Version of Switch Box
 - All Buttons, Toggle Switches, and Dials Fully Enabled
- Physics Engine Enabled
 - Real Life Movement Based on Actual Mass/Weight Properties of Robot
 - 3D Objects Also Have Actual Physics Properties
 - Move Cones and Open Doors
 - Obstruct Movement with Larger Items
 - Real Life Contact with Simulated Environment
 - Climb stairs
 - Roll over curbs
 - Push Objects around
 - Move and Grab Objects
 - Open Doors
 - Open Mailboxes
 - Grab Pipe bombs



ADDITIONAL FEATURES:

- Realistic Environments
 - Urban/Suburban/Rural
 - Room Interiors
 - Complete Library of 3D Objects
 - Cars
 - Trucks
 - Barriers
 - Cones
 - Mailboxes
 - ...and many others
 - Contract to Build Specific Building Structures
 - Contract to Build Your Specific Training Environment
- Multiple Camera Views
 - Surveillance Camera Arm
 - Drive Camera
 - 3rd Person View for Training Purposes
 - Rotate Eyepoint 360 Degrees Around Robot
 - IR Camera View
 - Picture-In-Picture/Split Screen View
- Environmental Effects
 - Time of Day
 - Shadow Casting
 - Rain/Snow/Fog (Visual Obscurents)
- Fully Integrated Audio
 - Realistic Sounds Depict Actual Operation of Robot
 - Step Motors
 - Drive Speeds
 - Brake Solenoids

