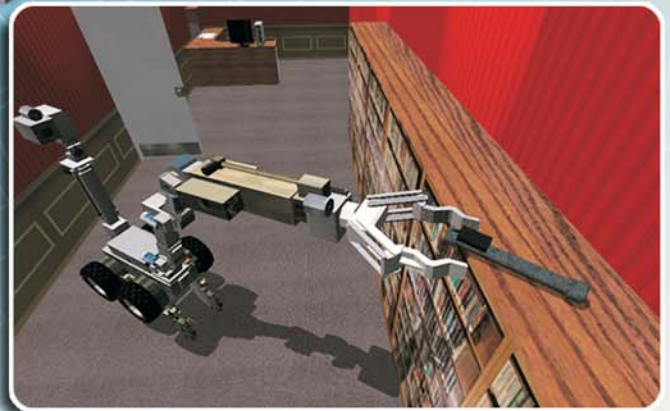


# XPT for Remotec Andros F6A



## 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





## XPT 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
  - 3<sup>rd</sup> 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

