

HIL Operator Training Simulator for Heavy Equipment Applications

Overview:

Operator Training Platform that combines with Hardware-in-the-Loop simulation for safe, effective, and affordable training. With interface to the actual machine joysticks, pedals, HMI, ECU, and CAN bus/Ethernet communication, operators can train in a simulated machine and 3D worksite environment using the actual machine controls.

Components:

- Actual machine cabin with operator controls
- HIL Simulator:
 - Computer
 - Communication module
 - Display panels



Features:

- Works with actual machine cabin controls: joysticks, pedals, ECUs
- Hardware-in-the-Loop (HIL) Simulation Technology
- CAN bus and Ethernet communication
- Select machine type from a vast library
- Select 3D worksite model: either from a library or scanned actual worksite
- Improved safety and productivity

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Key Benefits:

- Enhanced Safety: risk-free training
- Enhanced Operator Efficiency & faster operator onboarding
- Realistic Operator Experience
- Site-specific and machine-specific training capability
- High performance at a lower cost

Why Servotech?

- Works with actual machine controls (HIL Technology)
- Significantly lower cost compared to competition
- Powered by top-notch controls engineers with 25 years of experience
- High flexibility of customization

