SimControl 2024.1

IMMERSIVE TECHNOLOGIES

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EXPECT RESULTS

Get the most out of your simulator purchase with the latest version of SimControl - including vital updates and new functionalities.
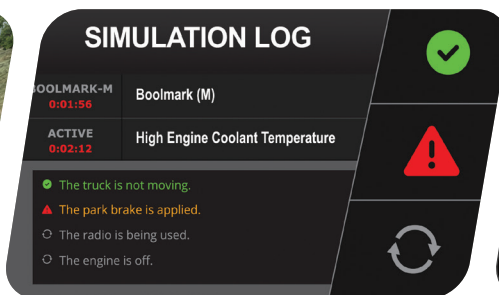
- **Trainer & Platform Features**
  - Real Time Event Feedback – Trainers receive live feedback on how to pass an event, and why it failed
  - Easy customization of surface truck views – Set up or adjust driver and mirror views during a session, saving them directly to the machine configuration
  - 10th Language added to SimControl - Hindi language support added within SimControl software

- **Surface and Underground Mining Features**
  - Grader Enhanced Haul Road Maintenance – Training for cut and fill and crown formation of haul roads is supported with three specific real-world tasks and two new on-screen assistants
  - Excavator double benching training – Material collapse when pulling down the upper bench is now more realistic
  - Electric Haul Truck fidelity improvements – Tuning of machine behavior, operator displays and startup/event sequencing to ensure authentic simulation representation of the real machines
  - Light Vehicle Environmental Conditions training – A new event is available to increase operator proficiency when operating in challenging conditions
  - Light Truck Safety Event – Train operators to correctly respond to machine steering failures
  - Underground Load Haul Dump safety – New collision avoidance during total brake failure event
  - Underground Production Drill improvements – An event to enhance rod removal process training has been added and Epiroc RCS5 Navigation functionality is now available for the Epiroc E7 C

- **Improved Autonomous Haulage Systems Accuracy**
  - Komatsu FrontRunner® Autonomous System - Support for version 3.7 now available. Two new Komatsu AHS errors for Rope Shovels have also been added
  - Cat® Command for Hauling improvements to cab system interactions and events include:
    - Haul Trucks now support Cat Fleet functionality
    - Loading Machines (Hydraulic Shovel, Hydraulic Excavator, Rope Shovel, Front End Loader) support for Lock Zones and Material Quick Select button functions
    - Track Dozers additional training event configuration for loading area maintenance and cleanup

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// ENHANCED HAUL ROAD MAINTENANCE
// REAL-TIME EVENT FEEDBACK FOR TRAINERS
// IMPROVED AUTONOMOUS HAULAGE SYSTEMS ACCURACY

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SIMULATION LOG

| BOOLMARK-M 0:01:56 | Boolmark (M) |
| ACTIVE 0:02:12 | High Engine Coolant Temperature |

- ✓ The truck is not moving.
- ⚠ The park brake is applied.
- ↻ The radio is being used.
- ↻ The engine is off.

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