



SimControl2024.2

IMMERSIVE TECHNOLOGIES



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

- **RealView™ and Stereoscopic 3D Live Configuration:** RealView™ Headtracking and Stereoscopic 3D can be turned off during live sessions allowing for training flexibility. RealView™ now supports dynamic hat detection, the operator simply needs to remove the headtracking hat. Stereoscopic 3D can conveniently be toggled on and off from the 'Tools' menu during live sessions.
- **SimVitals – Simulator Self-Health Checks:** SimVitals ensures the health of your simulator by detecting misconfigurations at startup. SimVitals also provides you with a method to attempt to resolve individual issues and diagnostics for you to provide to a Customer Support Technician. This minimizes downtime and increases simulator availability. Additionally, SimVitals provides an automatic diagnostic upload for SimCloud users.
- **Trainer Station Live View and Playback Graphics:** The enhanced graphics on PRO5 premium simulators have now been enabled on the Trainer Station and on SimMentor™.

• Surface and Underground Mining Features

- **Komatsu (P&H) 4800XPC Rope Shovel Enhancements:** Experience improved fidelity with extended reach, refined dipper latch behavior, and the new Automated Boom Safety System (ABSS) for enhanced safety and visibility.
- **New Truck Configurations and Training Events:** Optimize training with updated configurations for the Komatsu HD1500-7, CAT® 785D, 789D, and 793D, plus new training events for safe overtaking and emergency steering scenarios.
- **Real-Time Wheel Loader Adjustments:** Tune driver and mirror views live during training, streamlining calibration and saving configurations.
- **Light Vehicle Updates:** Customize side mirror adjustments for enhanced visibility with the new Light Vehicle Mirror Adjustment Tool and engage operators with the "Overtaking a Broken-Down Truck" event for realistic maneuvering practice.
- **Motor Grader Enhancements:** Improve training outcomes with a new overlay view, better moldboard visibility, enhanced stability, and customizable training tasks for realistic grading scenarios.
- **Modular DISPATCH Add-On Improvements:** Maximize efficiency with expected haul cycle durations, detailed session reviews, and SimMetrics integration for robust data analysis and operational insights.
- **Underground Truck Safety Enhancements:** Train operators on emergency brake failure scenarios and experience improved collision dynamics with Sandvik TH663 models for real-world preparedness.
- **Underground Loader Realism:** Enhanced tire physics reduce jolting for smoother operation, while expanded emergency training events cover all Custom Mine Sites (CMS) for comprehensive preparedness.

• Improved Autonomous Haulage Systems Accuracy

- **Excavator Top Loading:** Introduce operators to real-world scenarios with the new Excavator Top Loading feature for Cat® Command and Komatsu FrontRunner systems, focusing on safe handling of hazards during autonomous operations.
- **Komatsu FrontRunner® Enhancements:** Support for Liebherr 996 Excavator enables comprehensive training on V3.5 and V3.6, featuring optimized bench survey auto-refinement based on spotting truck proximity and new penalties for incorrect loading statuses to enhance operator accountability.
- **Cat® Command for Hauling Updates:** Expand training capabilities with Rope Shovel support in v1.8 for P&H 4100XPB models, and enjoy improved haul truck, grader, and light vehicle functionalities with clearer lane displays and customized load plan colors.
- **Enhanced Loading Machines Functionality:** Benefit from new layouts, clear pit floor indicators, and Quick Material Select buttons for efficient material handling, while selected customers gain enhanced training realism with easily activated delays.



Australia: +61 8 9347 9000
Email: Support@ImmersiveTechnologies.com
Visit: www.ImmersiveTechnologies.com/SimControl