

# Caterpillar to feature the Cat<sup>®</sup> 798 AC training simulator from ThoroughTec Simulation at MINExpo

TUCSON, Ariz., September 21, 2024 – Cat<sup>®</sup> Equipment Training Solutions will introduce the Cat 798 AC driver training simulator, developed by ThoroughTec Simulation, at MINExpo 2024. This product specific system forms part of Caterpillar's comprehensive training program for the Cat 798 AC truck and features a direct replica of 798 AC operator controls, complete with a six-degree-of-motion platform. The simulator is designed to effectively train operators in the most efficient, safe and realistic way possible, including an ultrahigh definition replication of the mining environment in which the truck operates. The system also comes complete with dual screens at the instructor's desk with the ability to provide a flyover view of the entire mining operation as well as monitor equipment and exercise parameters.

- Developed using Cat licensed technology, subject matter expert input and OEM components for the most realistic training experience
- Features the latest cab dashboard layout for the Cat 798 AC
- Operator's compartment mounted to a six-degree-of-motion platform plus force-feedback steering for an accurate simulated driving experience
- Enhanced graphics and ultrahigh definition laser projection visual system to immerse trainees in the virtual operating environment
- Features Caterpillar's integrated equipment warning category 1, 2 and 3 alarms and simulated fault injections to train operators to identify warnings and potential issues and take appropriate action
- Enhanced learner training aids to assist instructors when coaching new drivers on abstract operating concepts
- Integrates the latest generation of ThoroughTec's CYBERMINE 6 software architecture
- Operates in a highly detailed and realistic virtual Own Mine World that replicates the client's mine site where operators can learn the site's rules and procedures
- Integrated with ThoroughTec's WX Training Management System

## Experience Equipment Training Solutions at MINExpo

- Comprehensive training presence at MINExpo to include multiple training simulators
- Visitors will learn more about Equipment Training Solutions' comprehensive offering of free and paid, in-person and virtual training options that also include:
  - Video library - free short-form videos on technology, operator tips and new features
  - eLearning – web-based courses on safety, walkarounds and basic operating procedures
  - Instructor-led and certifications – three training levels for a range of operator experience



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## Product Update

- Custom training program – in-person and eLearning designed around specific machines within the customer's fleet
- More information available [www.catoperatortraining.com](http://www.catoperatortraining.com).

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## Product Update

### **About Caterpillar:**

With 2023 sales and revenues of \$67.1 billion, Caterpillar Inc. is the world's leading manufacturer of construction and mining equipment, off-highway diesel and natural gas engines, industrial gas turbines and diesel-electric locomotives. For nearly 100 years, we've been helping customers build a better, more sustainable world and are committed and contributing to a reduced-carbon future. Our innovative products and services, backed by our global dealer network, provide exceptional value that helps customers succeed. Caterpillar does business on every continent, principally operating through three primary segments – Construction Industries, Resource Industries and Energy & Transportation – and providing financing and related services through our Financial Products segment. Visit us at [caterpillar.com](https://caterpillar.com/en/news/social-media.html) or join the conversation on our social media channels at [caterpillar.com/en/news/social-media.html](https://caterpillar.com/en/news/social-media.html).

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