



Conversion Kit® for Caterpillar® Trucks 777G



WHAT DOES THIS LOGO MEAN?

After extensive review of the simulation industry, Caterpillar entered into a license agreement with Immersive Technologies in 2004 (Renewed in 2009). Caterpillar exclusively allows Immersive Technologies to use its proprietary machine information to ensure its simulators are engineered to the highest fidelity and realism.

Our unique alliance with Caterpillar ensures the latest and most accurate training technology and features are engineered into our Caterpillar type simulators. This in conjunction with Immersive Technologies attention to detail and industry experience means you receive the most accurate earthmoving training tool available to achieve your site objectives. As part of this agreement Caterpillar exclusively recommend Immersive Technologies' Advanced Equipment Simulators to Caterpillar dealers and mining customers worldwide.

Increase operational safety and productivity while reducing your maintenance spend

Immersive Technologies' Conversion Kit development for the Caterpillar 777G Truck provides the ultimate in training realism for mines focused on increasing operator safety, improving productivity and reducing levels of unscheduled maintenance.

The Conversion Kit includes a complete replica cab of the Caterpillar 777G Truck, with fully functional controls and instrumentation sourced directly from Caterpillar.

Original Equipment Manufacturer and industry endorsed 777G operating procedures are tightly integrated with an extensive learning system within the Advanced Equipment Simulators. This system has been repeatedly demonstrated via evidence collected from within mining operations to provide rapid, correct and effective learning and assessment.

With mining equipment becoming increasingly technically sophisticated, the level of information, experience and organizational competencies required to accurately simulate these machines also increases. Through Immersive Technologies' industry experience and exclusive alliance with Caterpillar, you can be assured your training solution will be the only accurate and true representation of the real machine available.



Accurate operational characteristics using technology and proprietary data licensed from Caterpillar

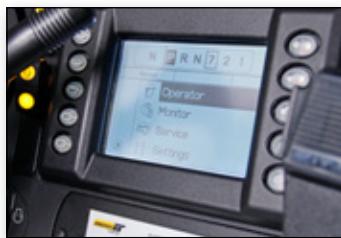


Conversion Kits utilize genuine Caterpillar cab controls and instrumentation

Simulation Delivering Safety & Productivity T145 Conversion Kit for Caterpillar® 777G Trucks

Immersive Technologies' T145 Conversion Kit provides the ultimate in training realism for mines focused on increasing operator safety, improving productivity and reducing levels of unscheduled maintenance.

The Conversion Kit includes an operational 'Vital Information Management System' (VIMS), Advisor display panel and instrument cluster providing operators information on a wide range of vital machine functions. CAT Detect® for object detection is also included allowing operators to be trained on this important system for enhanced awareness and increased site safety.



Caterpillar Advisor®



Shift & Hoist Control Levers



Functional Cat Detect object detection



Gauges & Indicators



Overhead Console



Pedal Controls



Loading Training



Dumping Training



Proximity Awareness



Innovative Simulator Training Software

Immersive Technologies' SimControl software includes a range of specific Caterpillar 777G operator errors for recording and measuring incorrect operator behaviours. In addition, the SimControl software includes Caterpillar 777G events which allow a trainer to initiate a machine fault or incident to train and assess an operator on how to respond appropriately. This combination of errors and events provide a mechanism to ensure operators are working at maximum efficiency while minimising equipment damage. It also ensures operators are able to avoid or respond correctly to hazards and potentially life threatening scenarios.

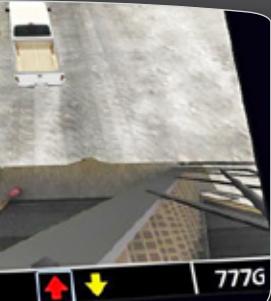
Operator errors and events include a focus on the following areas:

- Hazard Avoidance
- Operator Productivity
- Fuel Efficiency
- Minimizing Unscheduled Maintenance
- Tire Preservation
- Site Safety Procedures



Caterpillar Supported Development

Developed together with Caterpillar Product Engineering, the T145 Conversion Kit incorporates machine specific technical data exclusively licensed to Immersive Technologies by Caterpillar.



with CAT Detect

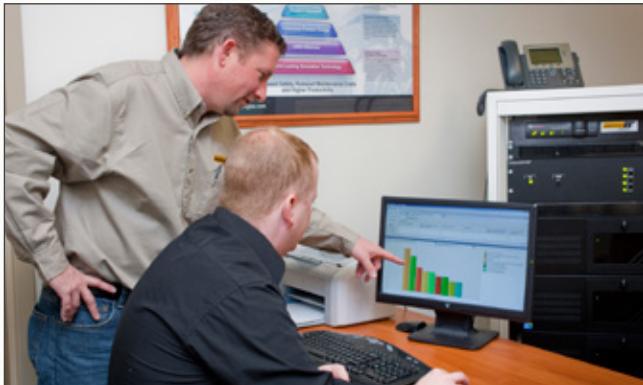


Safe Operating Procedures



Environmental Conditions

Simulation Delivering Safety & Productivity T145 Conversion Kit for Caterpillar® 777G Trucks



Transforming data to information

SimMetrics™ is a powerful reporting system that helps you review, measure and visualize your simulation data. With an intuitive click-and-drag user interface, you don't need to be a programmer to quickly generate detailed reports on the results of your training.

SimMetrics Benefits:

- Operator and crew benchmarking
- Trending analysis of operator performance
- Early identification of equipment misuse and damage
- Recording of emergency scenario training results
- Enables comparative analysis against site in-pit results.



Support where and when you need it

You purchase the world's best mining simulation to get the job done. Immersive Technologies provides you the support and peace of mind to make sure your simulator achieves this goal.

Our customers receive a range of comprehensive support services:

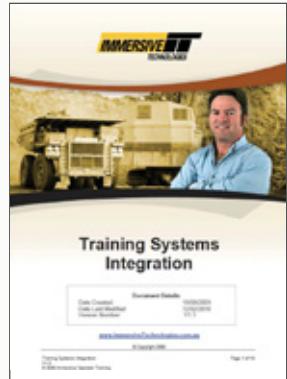
- 24hr phone support
- Rapid emergency visits
- Scheduled on-site service
- Regular maintenance support
- Hardware and software upgrades
- Extended parts warranty
- Best practice training and community networking.

Contact Immersive Technologies today to discuss which of our five year Customer Support Programs best suits your sites' requirements.

Training Systems Integration for Caterpillar Trucks

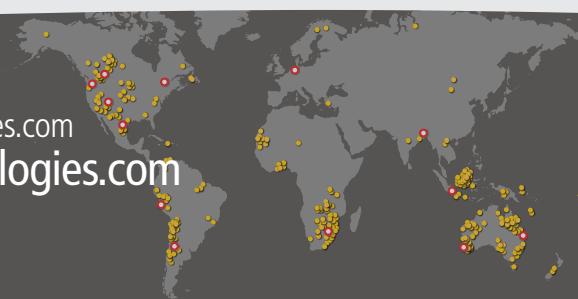
The success of your simulator training depends largely on the knowledge and application of the technology. Immersive Technologies offers on-site and customized consultation programs to assist mines to rapidly integrate their simulator technology, implement training program best practices and achieve maximum return on investment.

Immersive Technologies application specialists work closely with you to develop a customized Caterpillar truck training curriculum, including the development of detailed performance based benchmarks and reporting systems tailored to your site's specific objectives.



Enquiries@ImmersiveTechnologies.com
www.ImmersiveTechnologies.com

© Copyright Immersive Technologies
20130508



IMMERSIVE 
TECHNOLOGIES