



# EMERSIM/MINE VR SIMULATION

VIRTUAL REALITY-BASED SAFE MINING  
TRAINING SIMULATION

- Training System with Virtual Reality
- 3D Real Environment Models
- 3D Vehicle and Equipment Models
- Single Player/Multiplayer Training System
- Game Based Learning



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Mining Simulation provides the training of the personnel working in the underground mines in a risk-free environment and with advanced scenario options. It offers a realistic experience for users.

- Systems supported by Mixed Reality and Virtual Reality (VR) technologies
- Realistic dynamic modeling (Fire, water, smoke etc.)
- Training on different platforms



## Main Scenarios

- Fire
- Air Burst
- Collapse
- Carbon Monoxide Leaks
- Accumulation of Coal Gas
- Short Circuit
- Tilting of Mobile Equipment



## Trainer Console and Management System

- Creating and Editing of Personnel Records
- Assessment, Evaluation and Analysis
- Reporting and Archiving



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