



2026 | CASE STUDY | NETWORK SCIENCE

VR TRAINING FOR MINING SAFETY & OPERATIONS

Overview

1.

A leading mining operator transformed operator training using immersive VR modules for Heavy Earth Moving Machinery (HEMM) and Work at Height safety. The goal: faster onboarding, fewer safety incidents, and a scalable training ecosystem across multiple departments and sites.

Solutions & Strategy

2.

Modernized workforce training through immersive VR simulations, cloud-based infrastructure, and collaborative content management, enabling safer operations and faster skill development across mining sites.

Solution

Immersive VR Training

HEMM Safety Simulations

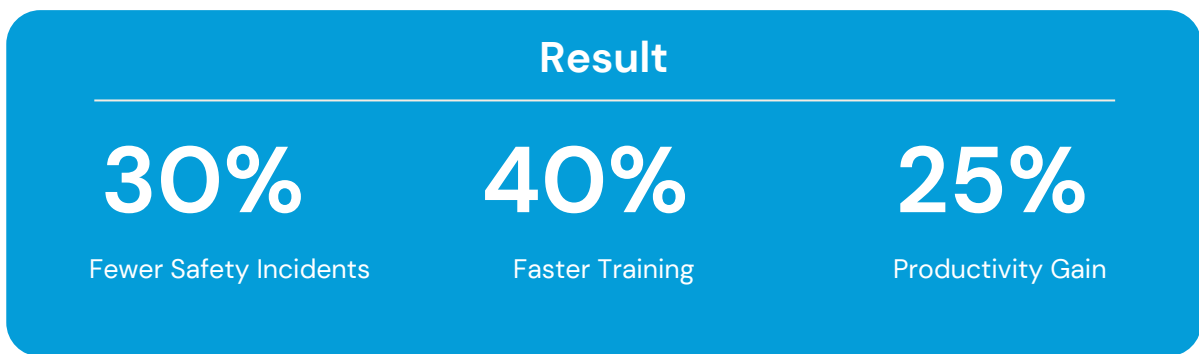
Cloud-Based Deployment

Collaborative Learning Platform



4.

- Safety incidents dropped by 30% due to realistic, risk-free simulation training.
- Operational productivity increased by 25% through workflow automation and collaborative VR.
- Operator training time reduced by 40%, enabling faster onboarding and skill development.



VR-based training redefined safety and skill development for this mining operator. The scalable cloud platform and immersive modules accelerated onboarding, reduced risk, and created a replicable training foundation across the entire organization.

