



2026 | CASE STUDY | NETWORK SCIENCE

AR & VR TRAINING TRANSFORMATION IN INDIAN MINING

Overview

1.

A diversified Indian mining conglomerate — operating across coal, copper, iron ore, and precious metals — recognized that classroom-based induction training was failing new hires. Complex, high-risk environments required immersive, memorable, and adaptive learning. Network Science deployed a multi-technology training ecosystem using VR, AR, and 3D video.

Solutions & Strategy

2.

Implemented an immersive learning ecosystem using VR, AR, and 3D content to improve workforce readiness, safety awareness, and training effectiveness across mining operations.

Solution

Workforce Training Transformation

VR-Based Learning Modules

3D Training Content

Immersive VR Simulations



4.

- Training duration reduced by 30%, enabling faster onboarding.
- Training costs cut by 50% through full digitization.
- Employee engagement and knowledge retention significantly improved through immersive formats.
- Training content kept current with real-time updates tied to live site changes.



VR, AR, and 3D technology transformed employee training from a compliance exercise into an immersive safety experience. By making training faster, cheaper, and more relevant, Network Science helped this mining conglomerate build a safer, better-prepared workforce at scale.