



Case Study

QKR Namibia Navachab Gold Mine

About

QKR Namibia Navachab is the operator of Namibia's first open-pit gold mine, located near Karibib, in the Erongo Region. Owned by the multinational K1 Mining (through its investment vehicle QKR), the mine produces gold and silver, and is undergoing a major expansion and modernization, including a new underground project and advanced processing technology.

The Challenge

In mining operations, fatigue poses a serious risk to both safety and productivity. Operators working long hours in demanding conditions can experience reduced alertness, slower reaction times, and increased chances of error.

Without a reliable way to measure and manage fatigue levels, the risk of accidents, costly downtime, and workplace hazards remains high.



Installing the Fatigue Monitoring system in our operations was a game changer. It has completely improved not just our work force's safety but also operating efficiency. We have successfully avoided potential mishaps and mitigated hazards by precisely measuring fatigue levels amongst our operators. Overall, the Optix Fatigue Monitoring System has helped to create a safer and more productive work environment.

Henok Nepembe
Production Manager: Mining



The Results



68%

Decrease in Risk Severity



79%

Decrease in Falling Asleep Events



125%

Decrease in Traffic Violation Events

251
Lives Saved

Reporting period January 2024 - August 2025. Lives saved reporting period January - August 2025