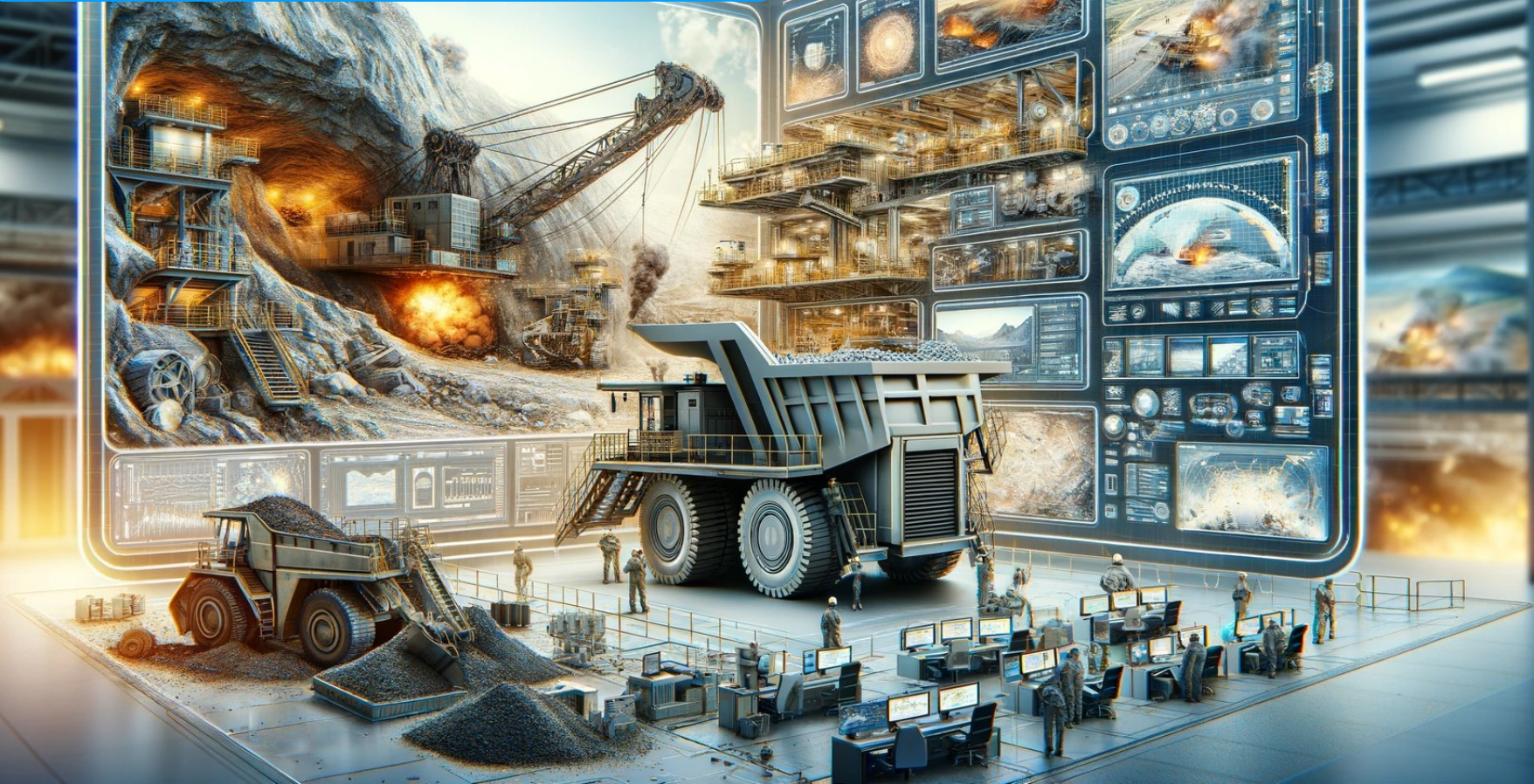


The future of digital fatigue and drowsiness management





BUSINESS CASE



COSAPI



Colombia, Chile,
and Peru



Engineering
and
Construction

<https://www.cosapi.com.pe>

CLIENT PROFILE

COSAPI · PERU



COSAPI is Peru's leading nationally-owned engineering and construction company, with over 60 years of operations in mining, transportation, industry, and real estate development across 13 countries.

With annual revenues of US\$555 MM and more than 1,600 employees and 6,000 workers, it has executed over 1,000 projects, including Antamina, Lima Metro Line 2, and multiple contracts on Main Access Road - Quellaveco.

66

years in the
market

+700

employees



Logifit

<https://www.cosapi.com.pe>



BUSINESS CASE

Client: COSAPI
PROBLEM

IDENTIFIED

Fatigue in mining: A SILENT ENEMY PRESENT IN OPERATIONS

The main access road of Main Access Road - Quellaveco is located at 3,500 m.a.s.l. in Moquegua — a remote, high-altitude corridor that demands extended shifts and continuous heavy machinery operation.

Initial monitoring revealed that 80% of the 54 operators were at risk of fatigue — critical exposure under DS 024-2016-EM and Law 29783, where a compromised 90-ton truck operator can cause fatal consequences.



80
%
Workers with
Fatigue-
Associated Risk



BUSINESS CASE

Client: COSAPI
STRATEGY, ACTION PATHS,
RESULTS

TECHNOLOGY WITH MINING EXPERTISE SUPPORTING HEALTH AND SAFETY

Logifit was deployed alongside COSAPI's safety team in a structured pilot covering all 54 operators, integrating smartbands with the project's occupational health protocols.

Continuous biometric monitoring through smartbands and PVT cognitive tests enabled real-time preventive interventions. Fatigue risk was reduced from 80% to 7% — a 91% improvement — establishing a replicable standard for future COSAPI projects.

54 operators



A PREVENTIVE SAFETY VISION

changing the paradigm and innovating

COSAPI's commitment to operational safety delivered measurable results throughout the deployment at Main Access Road - Quellaveco, reinforcing a culture of prevention and well-being for all personnel.

The Logifit model integrates technology + ongoing support services, and has positively influenced a more robust safety culture and a user-friendly monitoring approach that directly impacts the health and well-being of on-site personnel.

“Anglo American ratified its trust in Cosapi Minería. Our team embraces this project as an opportunity to execute the works with the highest standards of quality, safety, and sustainability.”

SEGUNDO DIAZ - Safety Manager - Quellaveco project





COSAPI

<https://www.cosapi.com.pe>

TRANSFORMING BENEFITS INTO WELL-BEING RESULTS



BEFORE

80

Workers with
Fatigue-
Associated Risk

BENEFIT

+91



NOW

7%

Workers with
Fatigue-
Associated Risk

“This assignment consolidates our position as a strategic partner in construction projects for a world-class client.”



The future of digital fatigue and drowsiness management

