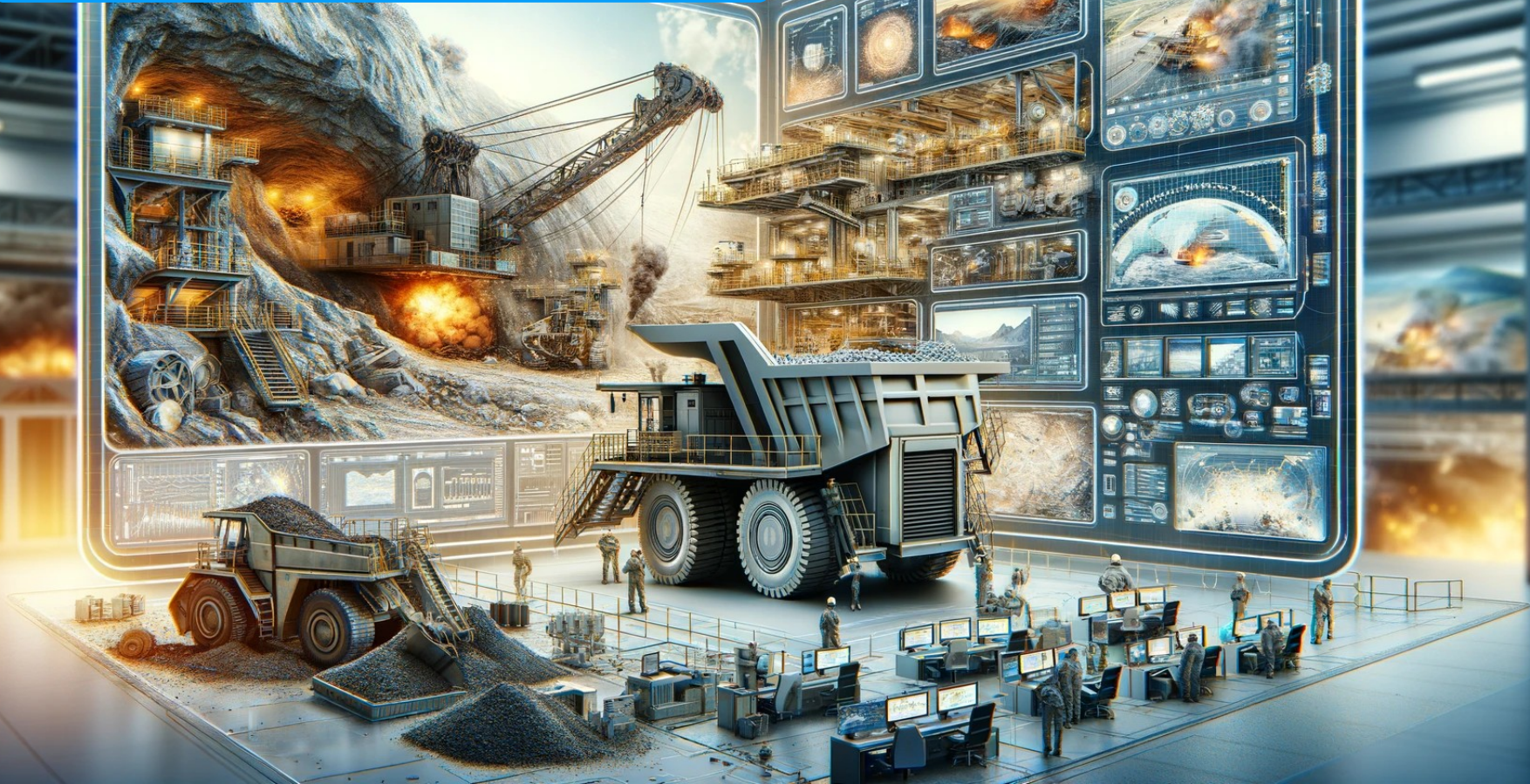


## The Future of Digital Fatigue and Drowsiness Management



# BUSINESS CASE

Customer: supermix



# CUSTOMER PROFILE

## A leader in ready-mix concrete production and distribution



Supermix is a leader in the production and distribution of ready-mix concrete, aggregates for construction, prefabricated concrete products, and various other products and services for the construction sector. We maintain the highest standards in safety, quality, and environmental responsibility.

As part of Gloria Group's Construction and Mining division, we deliver comprehensive support through cutting-edge technology and professional expertise. With operations across Peru's leading infrastructure and mining projects, we are recognized as a strategic partner and the preferred choice for our clients.



**13**

years in the  
industry

**+500**

employees



# BUSINESS CASE

Customer: supermix

## IDENTIFIED PROBLEM



# Fatigue in Mining: A SILENT AND CONSTANT OPERATIONAL THREAT

Since 2019, Supermix has partnered on the critical Quellaveco mining project, where preventing driving-related risks has become essential given the demanding nature of our concrete delivery operations.

In fact, prior fatal incidents alerted local authorities and mining companies to the urgent need for preventive fatigue controls. The work conditions—24-hour operations with extended routes and demanding shifts—place intense strain on all field personnel.

These incidents resulted in operational shutdowns, injuries to direct and indirect personnel, financial losses, fines, and rising tensions across operational teams. An initial assessment revealed that 47% of operators experienced significant fatigue and drowsiness. The issue intensified during **night shifts, where rates exceeded 70%.**



# BUSINESS CASE

Customer: supermix

# STRATEGY, COURSES OF ACTION, RESULTS



# TECHNOLOGY WITH MINING

## SUPPORTING HEALTH AND SAFETY

In 2019, Supermix partnered with **Logifit** as technology partner to reduce incidents, strengthen safety culture, and proactively protect nearly 800 concrete truck operators through a Pilot Plan at the Quellaveco mining unit in Moquegua, Peru.

Guided by Supermix's Safety team vision and leadership, Supermix, key risks were identified and a comprehensive model was designed combining technology, fatigue-based safety protocols, and ongoing support from **Logifit** to achieve results.

Supermix needed a versatile and precise system for demanding concrete operations. **Logifit** successfully combines technology development with ongoing support, adapting to demanding operational conditions while protecting worker health through effective detection and a comprehensive training-based risk prevention program from Supermix.



**800**

operators

**2**

shifts

# A VISION OF PREVENTIVE SAFETY

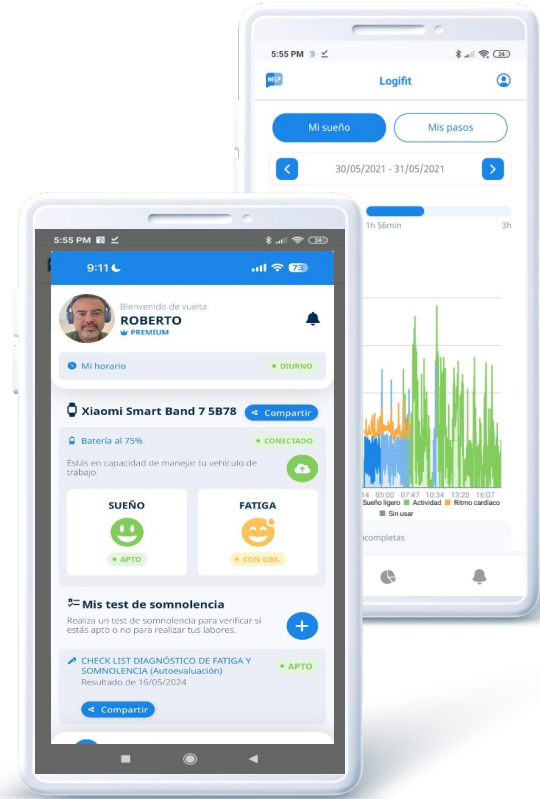
changing the paradigm and innovating

Supermix's commitment to strengthening well-being, safety, and health through prevention has delivered measurable results: improved personnel motivation, reduced accident rates, and minimized rework.

The **Logifit** model integrates technology and ongoing support, fostering a robust safety culture and user-friendly controls that directly impact field personnel health and well-being.

*“The fatigue and drowsiness management results have been highly effective. We tried several systems and encountered many limitations. Logifit supported us with their mining environment expertise to achieve real results.”*

**SUPERMIX CORPORATE SAFETY MANAGER**





# TRANSFORMING BENEFITS INTO WELL-BEING RESULTS



**BEFORE**

**BENEFIT**

**NOW**

**47**

with **0%** with fatigue and drowsiness issues (GENERAL)

**+40**



**7%**

with fatigue and drowsiness issues

**72**

with **0%** with fatigue and drowsiness issues (NIGHT SHIFT)

**+63**



**9%**

with fatigue and drowsiness issues



# TRANSFORMING BENEFITS INTO WELL-BEING RESULTS



*“ The results demonstrated Supermix's ability to quantify the value of managing fatigue and drowsiness in operations.*

*We know this will translate into safer and more productive work environments for us.*

*Logifit supported us in both detection and prevention through virtual training, internal management tools, and control systems.”*



**SUPERMIX CORPORATE SAFETY MANAGER**

## The Future of Digital Fatigue and Drowsiness Management

