

CASE 2: Technological implementation for fatigue and drowsiness in vehicle operators

— Business opportunity:

Our customer has identified the risk of accidents on route as one of the main risks to the operation. To control this, the mining company decided to implement an early detection system for fatigue and drowsiness, which has been implemented in 163 extraction trucks (in the mine) and approximately 250 vehicles that transit along the route between the operation and the nearest city, where corporate services are located.

Solution:

Vantaz carried out the entire organisational change project and the main focal points were:

- Selection of installation alternatives
- Selection of communication solution for remote monitoring
- Preparation of installation program
- Design of support and operation model for the system on route (high, low, and equipment modification).
- Design of the implementation plan and technology adoption plan



Results:

- Reduction in accident rate on route from fatigue and drowsiness
- Complete implementation of the solution (start installation, training, communications, and support to the supervision line, operation transition activities, project closure)