

Intelliore Testimonial

Interview with an industrial engineer in the mining industry

“This is practical. Workers don’t have time to analyze complex data. If the alerts are simple and clear, I can see this being used on-site.”

– James, Industrial engineer in mining industry

Survey Link

<https://forms.gle/K5rvL7LVnGR5xsP99>

IntelliOre - User Testimonial

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Thank you for participating in this survey. This survey is conducted to gather information and feedback based on IntelliOre.

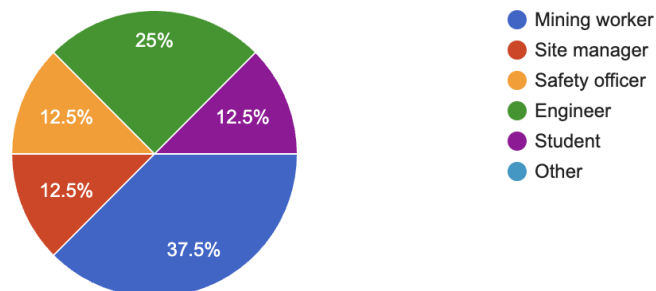
IntelliOre is an AI-powered predictive safety and maintenance platform designed for the mining industry. Our system analyzes machine data and visual inputs to detect potential equipment failures and safety risks before incidents occur. Instead of complex technical dashboards, IntelliOre provides clear, action-based alerts that help workers and site managers make faster, safer decisions. Our goal is to reduce machine-related accidents and create a safer mining environment through intelligent data-driven insights.

All responses will remain confidential and used only for academic research purposes.

Survey Analysis

Customer groups

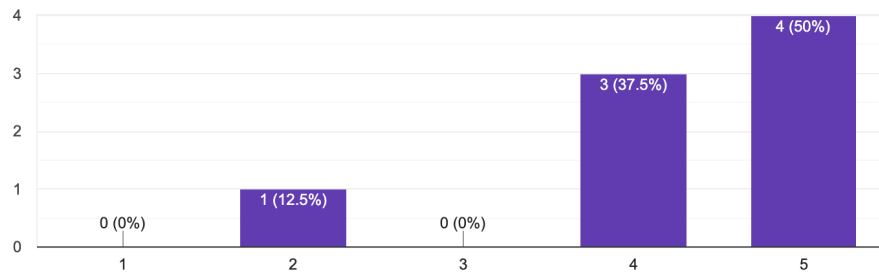
What is your role or profession?



We asked for different types of customer groups in the mining industry, such as mining worker, site manager, engineer, safety officer, etc.

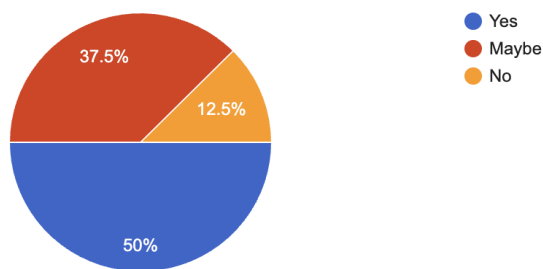
Question analysis

How useful do you think an AI system that predicts equipment failures would be?



According to our survey results, 50% of respondents rated the usefulness of an AI system for predicting equipment failures as very high (5). Additionally, 37.5% gave it a rating of 4, indicating strong perceived value. 12.5% rated it as 2, while no respondents selected ratings of 1 or 3. These findings suggest that the majority of participants view the AI system of Intelliores as highly beneficial. This highlights strong interest and confidence in predictive maintenance solutions for preventing equipment failure accidents.

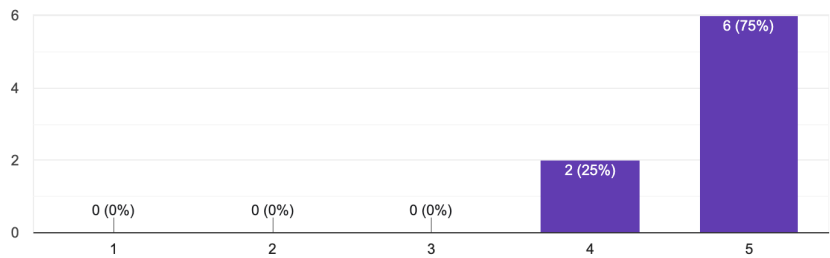
Would you trust an AI system to help monitor workplace safety?



According to the survey results, half of the respondents (50%) said they would trust an AI system to help monitor workplace safety. Another 37.5% were unsure, selecting "Maybe," while 12.5% said they would not trust it. This shows that although many people are open to using AI

for safety, a noticeable number still have doubts, suggesting that more effort such as improving transparency about the model’s accuracy is needed to build confidence and trust in IntelliOre.

How important is real time detection of safety gear?



According to the survey results, most respondents see real-time detection of safety gear as very important. In fact, 75% rated it as 5, while the remaining 25% rated it as 4, and no one selected lower ratings. This shows that monitoring safety gear in real time is essential for preventing accidents. This directly supports the value of IntelliOre, as its ability to analyze visual inputs and detect safety risks can help ensure workers are properly equipped at all times.

What concerns would you have about implementing this system?

What about privacy of workers?
Mostly whether it’s accurate enough and if it gives too many false alarms. Also how the data from workers is handled.
Is AI always 100% accurate? can we rely on AI for safety?
Costly
Too many false alarms and workers getting blamed if the system detects something incorrectly.
Cost? Is it too expensive to use AI?
costly, expensive since integrating AI and operating all the time
can workers 100% trust safety alerts?

The responses show that the main concerns about using the system are accuracy, cost, trust, and privacy. Many people are worried about false alarms and whether the system is reliable enough for safety. Some also mentioned that workers could be unfairly blamed if the system makes mistakes. Cost is another concern, as people feel that setting up and running the system might be expensive. In addition, there are questions about how workers’ data will be used and whether their privacy will be protected. To address these issues, IntelliOre will improve the accuracy of its model as much as possible to reduce false alarms while increasing the overall

reliability of the system. It will also be transparent by sharing information about model accuracy and how data is used and trained. Additionally, IntelliOre will focus on demonstrating its real-life benefits, such as reducing accidents and creating safer workplaces, to show that the system is worth the cost.