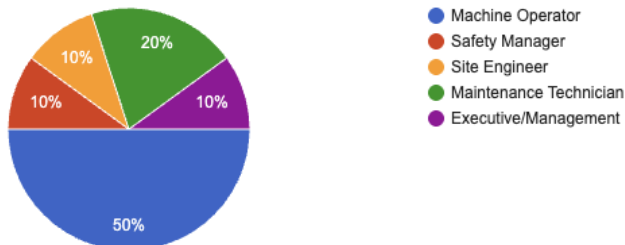


Survey Link

<https://forms.gle/Bdq3CbV7hRV7MQyf8>

Customer Groups

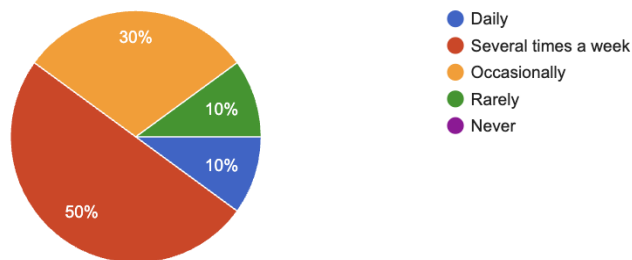
What is your role in the mining industry?



We asked for different types of customer groups in the mining industry, such as mining operator, safety manager, site engineer, maintenance technician, and executive management.

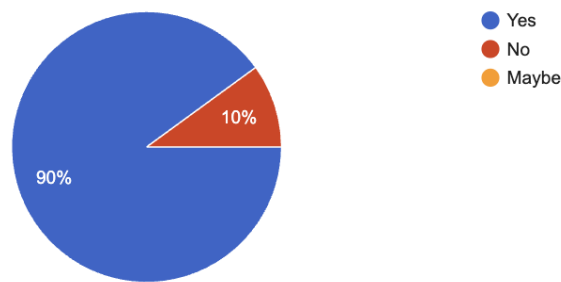
Question analysis

How often do machine-related incidents occur at your site?



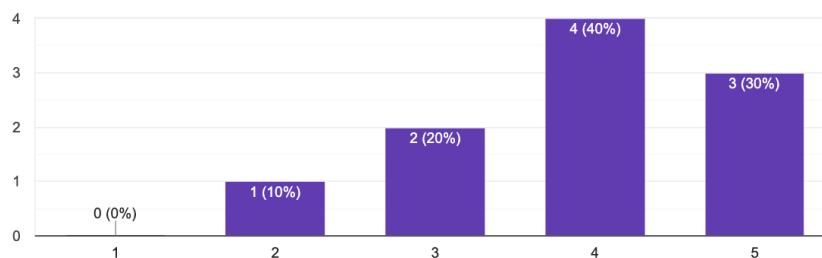
According to our survey results, 50% of respondents reported that machine-related incidents occur several times a week. Additionally, 30% indicated that such incidents happen occasionally, while 10% reported daily occurrences and another 10% reported rare incidents. These findings suggest that machine-related risks occur frequently in mining environments and highlight the need for a system that predicts machine breakdowns by analyzing operational machine data and detecting abnormal patterns that signal potential failures.

Have you witnessed or experienced a situation where missing or improperly worn safety equipment contributed to an accident or near-miss?



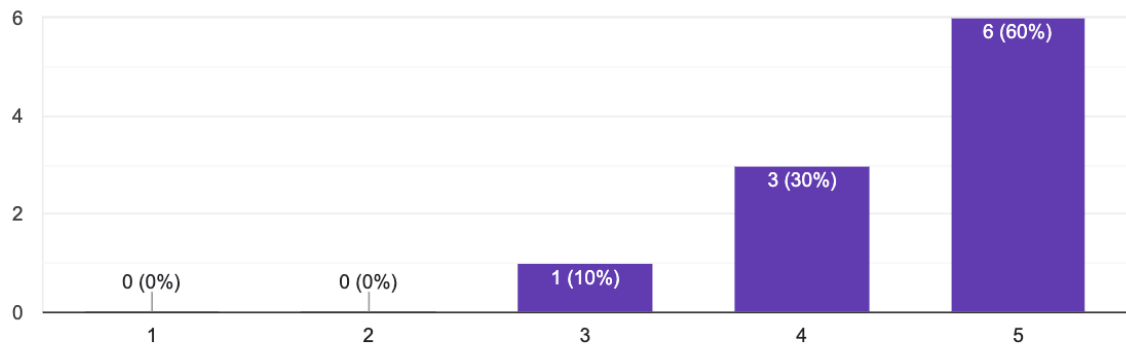
Our survey revealed that 90% of respondents answered “Yes,” indicating that they have witnessed or experienced such situations. Only 10% responded “No.” These results suggest that missing or improperly worn safety gear is a common and serious issue in mining sites. This highlights the importance of implementing real-time safety gear detection systems, such as IntelliOre’s image-based monitoring system, which uses convolutional neural networks (CNNs) to detect whether workers are properly wearing required safety equipment.

On a scale of 1-5, how serious do you think improper safety equipment compliance is in mining environments?



70% of respondents rated the seriousness of improper safety compliance as either 4 or 5. Specifically, 40% selected 4, and 30% selected 5. No respondents rated it as 1. This indicates a strong perception that improper safety equipment compliance is a serious issue in mining sites. This emphasizes the importance of preventive systems that ensure workers are properly equipped before entering high-risk mining sites.

How useful do you think this system would be?



The majority of respondents (90%) rated the usefulness of IntelliOre as either 4 or 5, with 60% giving it the highest rating of 5. Only 10% selected 3, and none rated it below 3. These results demonstrate strong market interest and perceived value in IntelliOre's solution. The high rating suggests that potential users recognize the benefits of predictive maintenance and real-time safety gear wear monitoring.

Summary

- Machine-related incidents occur frequently, with 60% reporting weekly or daily occurrences.
- 90% have directly experienced safety gear-related incidents.
- Most respondents consider improper safety compliance highly serious.
- There is strong perceived usefulness of IntelliOre's solution.
- Overall, the survey results validate both the problem severity and the potential demand for IntelliOre.

Customer Follow Up

- We will follow up with a personalized explanation introducing our business idea, including an overview of IntelliOre's predictive maintenance system, an explanation of our safety gear image detection feature, sample data visualizations demonstrating machine risk analysis, and a preview of our website prototype. We will then invite them to provide additional feedback on usability, feature priorities, and potential real-world challenges in mining environments. In addition, we will continue to maintain communication with interested respondents and invite them to participate in MVP testing. By engaging with potential users, we aim to refine the product based on real needs in the mining industry.