



Roy Hill IntelliPERMIT Case Study

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Introduction

Roy Hill operates an integrated iron ore mining operation in the Pilbara region of West Australia. The company faced challenges with its manual permit to work safety system. Managing up to seven hundred permits during major shutdowns, the organisation struggled with the inefficiencies and risks of human error inherent in manual processes.

To address these challenges, Roy Hill implemented IntelliPERMIT - an electronic permit-to-work system, specially designed to increase safety, compliance and productivity in high-risk environments such as mining. This case study explores the implementation process, highlights the key milestones, and demonstrates the value realised post-implementation.





Background: The Need for Change

The manual permit management system at Roy Hill was increasingly unsustainable. The process required copying and pasting information from multiple sources, which led to a high risk of errors. Given the scale and complexity of managing hundreds of permits daily, a more efficient and reliable solution was necessary.

Roy Hill's team evaluated various options, and IntelliPERMIT emerged as the optimal choice due to its reputation for reliability, scalability, and effectiveness in reducing administrative workloads and improving safety standards. The team sought a solution that could seamlessly integrate into their existing processes while providing the necessary support for implementation and user adoption.

Selecting IntelliPERMIT: A Strategic Investment

The decision to implement IntelliPERMIT was based on several strategic factors. The software's proven ability to streamline complex permit processes, its positive user reviews, and its alignment with industry standards were key considerations. Roy Hill's management valued IntelliPERMIT's capability to effectively increase safety protocols and its flexibility to adapt to large-scale operations.

In addition to its technical strengths, Adapt IT aimed for an approach that minimised disruption while maximising efficiency gains, making IntelliPERMIT an ideal fit for their operational needs.

Implementation Strategy: Soft Rollout for Effective Adoption

To ensure a smooth transition, Roy Hill adopted a soft rollout approach for IntelliPERMIT over a period of two to three months. This phased strategy allowed for gradual integration, minimising disruption and ensuring that staff could adapt to the new system effectively. The rollout included targeted training sessions, on-site support, and regular progress monitoring to maximise user engagement and system adoption.

The team set specific measures to guide the implementation process, these included system integration, training completion, and full-scale deployment. This structured approach ensured that the transition remained on schedule and within budget. The gradual adoption approach also facilitated feedback from users, allowing the implementation team to address any issues promptly.



Project Management and Implementation Insights

The project was managed with a focus on maintaining timelines, budget adherence, and transparent communication. Throughout the implementation phase, the project management team successfully achieved milestones as planned.

Budget management was closely monitored, and the project stayed within the allocated budget, demonstrating effective control over potential scope creep. Regular check-ins and feedback sessions allowed the team to track progress and make adjustments where necessary, ensuring that the implementation remained on track.

The Roy Hill project team reported positive experiences with the support provided by Adapt IT during the implementation, emphasising the importance of having a reliable partner in this critical phase. The structured approach and proactive management allowed the team to overcome several challenges, such as integrating the high volume of permits and workflows into the new system and ensuring data accuracy.

Overcoming Challenges: Managing Complexity and Maintaining Scope

The transition to IntelliPERMIT required detailed planning and rigorous testing, especially given the complexity of integrating a new system into existing workflows. With up to seven hundred permits being processed during major shutdowns, IntelliPERMIT ensured that the data transition was accurate and efficient was paramount.

The project team conducted additional testing phases to identify and resolve issues before the full deployment, preventing any major disruptions. Managing such a high volume of permits presented initial challenges, but through detailed planning and effective project management, the team-maintained focus and ensured that the software integrated smoothly into operations.



Benefits Realized: Efficiency, Safety, and Process Optimization

Since implementing IntelliPERMIT, Roy Hill has reported significant improvements in efficiency and safety standards. Automation of the permit management process reduced the administrative workload, allowing employees to focus on critical safety tasks. The software's digital tracking capabilities minimised human error, improving overall safety protocols and compliance.

Key benefits observed post-implementation include:

- **Improved Safety Standards**

Automating permit approvals and tracking compliance in real time reduced the risk of errors and safety incidents.

- **Streamlined Processes**

Digitising the permit management workflow reduced processing times and improved response capabilities, enabling better resource allocation.

- **Enhanced Reporting and Monitoring**

IntelliPERMIT's integrated reporting tools provided insights into permit activity, compliance levels, and overall efficiency, facilitating data-driven decision-making.

- **User-Friendly Interface**

The intuitive design of IntelliPERMIT facilitated user adoption, leading to higher levels of engagement and satisfaction among staff.

These improvements allowed Roy Hill to manage its permits more effectively without compromising safety or operational standards. The successful implementation validated the decision to transition to IntelliPERMIT and highlighted its capacity to deliver tangible benefits.





Future Plans: Expanding Capabilities and Optimizing Performance

Building on the success of the initial implementation, Roy Hill plans to further optimise the use of IntelliPERMIT. The team is exploring opportunities for deeper integration with other safety and compliance systems and enhancing data analytics capabilities to gain more actionable insights from permit activity.

The company also aims to automate additional aspects of its workflow, maximising the benefits of IntelliPERMIT's flexible and scalable architecture. The positive experience during the rollout phase has encouraged Roy Hill to consider expanding the system to other operational areas, ensuring that the gains in efficiency and safety are replicated across the organisation.

Conclusion

The implementation of IntelliPERMIT at Roy Hill has delivered significant value, significantly improving efficiency, safety, and overall operational performance. The phased rollout, managed within budget and timeline constraints, demonstrates IntelliPERMIT's effectiveness as a comprehensive solution for managing complex, high-risk permit environments.

By focusing on continuous improvement and leveraging data-driven insights, Roy Hill is well-positioned to optimise the system further and set a new standard for safety and efficiency in the mining sector. This case study illustrates IntelliPERMIT's capability to drive meaningful operational change and provides a model for other organisations seeking to improve their permit-to-work processes.

Information and Contact

For more information or to contact the IntelliPERMIT consulting group at Adapt IT, please visit www.intellipermit.com

