

Case Study

Talison Lithium – Using Jira as a Site Shutdown Readiness Tracker

Create a comprehensive system to track and manage site shutdowns.



The Client

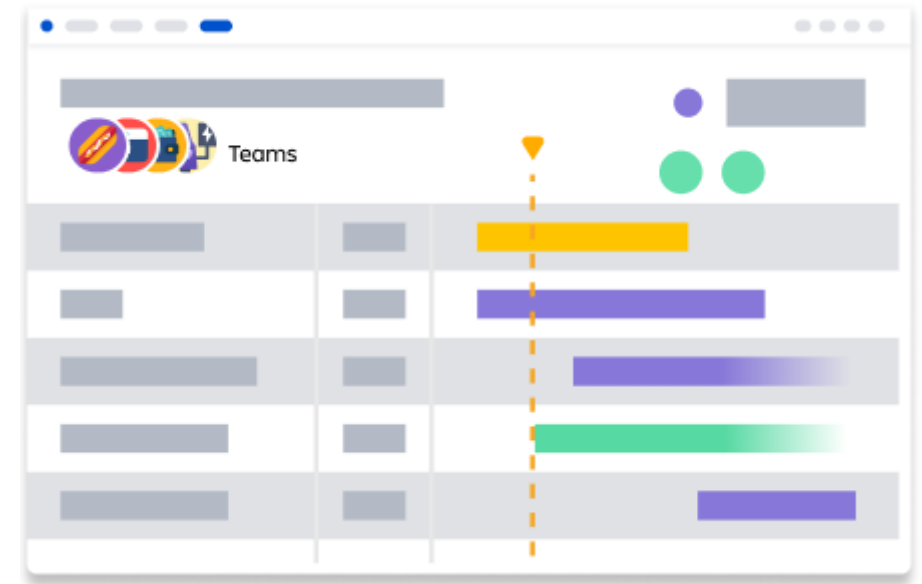
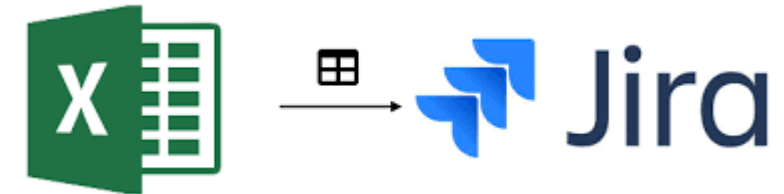
Talison Lithium is the world's leading lithium minerals concentrate producer, supplying product for the clean energy revolution.

Talison Lithium and its predecessor companies have been producing lithium at Greenbushes since 1983 and the area is recognised as containing the world's highest grade and largest hard rock deposit of the lithium mineral spodumene.

Greenbushes is also the longest continuously operated mining area in Western Australia following the discovery of tin in 1888 and subsequent development of tantalum and lithium deposits.

Project Overview

- Talison Lithium is committed to continuous improvement in its shutdown management processes. Historically, they have managed multiple shutdowns annually using individual Excel trackers, which, while effective, indicated an opportunity for enhancement.
- Recognizing the potential for further efficiencies and cost savings, Talison sought to advance their system. The goal was to integrate a comprehensive Shutdown Management System to provide a unified view, enabling collaborative planning and robust audit tracking.
- This forward-thinking approach aimed at refining shutdown readiness calculations and ensuring the system was scalable and maintainable for Talison's current operations and future growth.



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The Challenge

Talison Lithium, proactive in optimizing its shutdown management, recognized the need to evolve beyond its current Excel-based system to a more integrated approach. The company aimed to consolidate its shutdown tracking into a single, scalable system that would allow for enhanced collaboration, real-time updates, and improved audit capabilities.

The Approach

- Interfuze conducted a thorough analysis of the current shutdown processes, schedules, meetings, and Excel usage to identify key areas for improvement.
- Addressed the complexity of shutdown task types and their impact on the project's critical path, ensuring a comprehensive transition from Excel to Jira.
- Prioritized system accessibility and usability, focusing on intuitive controls and the optimal balance between data input and system value, essential for compliance.
- Integrated review/approval gates and automated reporting within Jira for effective tracking, alongside printable reports for enhanced local planning and reporting.

The Solution

- Configured customized Jira projects and issue types to support all the unique tasking involved in tracking a shutdown.
- Interfuze leveraged Jira's automation to make creating and updating the status of a shut as simple as possible. The team is always busy, so ease of use was critical to success.
- Seamlessly integrated third party addons for real time, excel-style graphs and charts that the team was accustomed to working with.
- Provided comprehensive training targeted at the technological capabilities of the group to ensure no one was left behind.

Business Impact

- Talison can now strategically plan monthly shutdowns using Jira, allowing for comprehensive tracking and capacity planning across all plants.
- Real-time data updates and a unified source of truth managed in Jira enhance decision-making for all team members.
- The system enables identification of bottlenecks and common issues, facilitating continuous improvement of shutdown processes.
- The Jira-based approach has resulted in time and cost savings, with improved ease of use for shutdown teams.

"Interfuze helped us build a powerful solution to help manage preparing for site shutdowns that far exceeds what we were able to do in Excel."

Jamie Brooker (Manager – Business Continuous Improvement)

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Think we can help solve your problem?

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08 6270 2488 or hello@interfuze.com.au

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