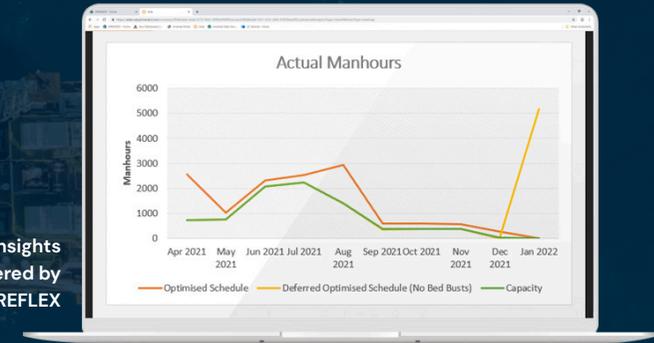


Insights delivered by REFLEX



### THE CHALLENGE

In the managing of large complex infrastructures, particularly assets that are mature or beyond their design life, there are often more things to achieve than there is time or money to spend.

Planning essential activities through the life-cycle of an asset requires a fine balancing act: resources, budget, manning, logistics, time, value for money, are all equally important.

With REFLEX, Imrandd supports asset teams by helping them to make informed, optimised decisions that account for all business priorities.

### THE IMRANDD SOLUTION

Where current planning and optimisation software zeroes in on a single critical path based on project risk management and schedule compliance, REFLEX's optimisation engine drives a more holistic approach to the competing variables. Imrandd's approach is rooted in the long-term resource and financial constraints specific to your industry.

**Understand the best outcome** – REFLEX will assess the initial planned activities, identify where resource busts exist and optimise existing plans within the set constraints.

**Consider the options efficiently** – Use REFLEX to assess and provide alternative scenarios based on other constraints or approaches, at a level of detail that is unavailable in other solutions. With REFLEX's optimising capability, your team can stack and streamline activities to find the best route through any complex project.

**See the bigger picture** – REFLEX identifies and optimises critical dependencies, safety and regulatory aspects, paths and resource constraints to deliver a cost effective and compliant plan. With powerful visualisations, REFLEX can easily and quickly show the most optimal activity profile over a set period and highlight where constraints are starting to bite into non-discretionary activity profiles.

**Prioritise in the peaks, work smarter in the troughs** – Enhance existing plans and schedules, starting operations on the best possible footing and helping maximise efforts for ongoing projects, particularly where costs and effort are spiralling out of control.

**Customised to your projects** – REFLEX can be run as a one-off or as a regular update during a project cycle. Use it to optimise the plan at the start of a life extension project, then re-baseline further down the line to adapt to changes and new constraints or priorities.

**Enable transparent decision making** – At any stage, your team can access a clear picture of your project schedule, framed by the available resources.

### IN SUMMARY

- ▶ Optimises the configuration of an activity set – this could be a project execution plan, a long-term maintenance plan, or any other list of activities
- ▶ Considers all applicable constraints to this plan, including schedules, manning and dependencies, and optimises with respect to time and cost
- ▶ Supports your decision-making process with more than one version of 'optimal'

## ▲ EXTRACT

### FOR PEAK RESOURCE OPTIMISATION

The more high-quality, reliable data you can input into REFLEX the better it performs. EXTRACT – Powered by AIDA can scan, sort and digitise your data from virtually any source which can then be easily fed into REFLEX. Contact our Business Development Team for a live demo.