

Opturion Roster Analysis - UGL Ltd.

Background

UGL is CIMIC Group's specialist end-to-end asset solutions provider. They are a leading provider of outsourced engineering, asset management and maintenance services with a diversified end-market exposure across core sectors of rail, transport & technology systems, power, resources, water and defence. UGL partners with some of the world's largest blue-chip companies, government agencies, and private institutions.

In April 2020, UGL Ltd. contacted Opturion to assist in developing COVID-19 safe rosters. UGL wanted to create shift patterns that didn't overlap and maximised the coverage. Additionally, these rosters needed to be costed against the Enterprise Bargaining Agreement (EBA) to identify the changes to the 'hourly rate' as well as meeting fatigue-risk guidelines as specified by industry best practice.

The Solution

Opturion first identified the periods which required the highest levels of coverage and used this to select where the ideal shift separation should occur. We used this information to drive Opturion's Roster Analyser (ORA), a proprietary tool which combines fatigue and risk models with best practice guidelines from the "CRC for Alertness, Safety and Productivity". Using this tool Opturion confirmed the roster was compliant with best practice guidelines. Finally, the new 'hourly rate' was determined using probabilistic models which predicted the effects of annual leave loading, public holidays and penalty rates.



Customer Outcomes

This project allowed UGL to identify a COVID-19 safe roster which minimised disruption and was compliant with best practice for fatigue-risk. Additionally, the new 'hourly rate' was accurately determined and assisted in the change management as workers were confident that the changes would not negatively impact them.



Further Information

Please contact Opturion for a demonstration, or give us some data that we can use to identify potential benefits.



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