

FICTIONAL RAILWAY SCENARIO

OPTIMISE RAILWAY ROSTERING

Company: Medium-sized state railway company in South-East Asia.

Size: ~580 train operators and maintenance staff.



PROBLEM

The railway company was using spreadsheets to create shift rosters for its train operators and maintenance staff. This was a time-consuming and error-prone process that often resulted in overstaffing and high overtime costs. Additionally, it was difficult to find time to schedule training and license renewal sessions for mechanics, leading to delays and lost productivity.



Time-consuming process



Error-prone rosters



High staff leakage



High overtime costs



SOLUTION

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SOLUTION

The railway company implemented the SkyRoster platform to better manage staff schedules and reduce costs.

The system allowed for the creation of customizable schedules that took into account the needs of individual staff members, including preferred off days and rest periods.

By using SkyRoster, the company was able to reduce overtime costs by an average of ~20% per month, or approximately ~40,000 EUR.

The system also made it easier to schedule training and license renewal sessions for mechanics, resulting in fewer delays and increased productivity.

Additionally, the company saw a cost reduction of approximately ~15,000 EUR per month due to lower bureaucracy in managing staff schedules.

Overall, the implementation of the SkyRoster system resulted in significant cost savings for the railway company and improved the efficiency of staff schedules. The company was able to better manage overtime costs, schedule training and license renewal sessions, and reduce overstaffing, all of which had a positive impact on the bottom line.



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