



DAITUM

# Daitum Rostering Simply a Better Way

Advanced decision  
analytics software



Build Rosters Faster  
Satisfy Staff Requests  
Reduce Cost  
Achieve Correct Skills Mix



Australian  
made & owned

[daitum.com](https://daitum.com)



## Our Platform

At Daitum, we understand that making good operational decisions is hard. And none are harder than rostering.

The people-based, financial and compliance ramifications of rostering medical staff are enormous, yet existing tools used for this process are less than optimal. That's where we come in. Now there is a tool to automate the process and generate better outcomes. Using the latest technology in AI and powered by cloud computing, Daitum's propriety decision analytics platform makes advanced optimisation accessible to everyone. It's like having a team of optimisation scientists in the cloud.

## Key Benefits



### BUILD ROSTERS FASTER

Uses advanced algorithms and the power of cloud computing.

Produces a roster up to 80% faster which frees up senior nurses for higher value activities. The streamlined process minimises a tedious task.



### REDUCE COSTS

Combines optimisation science and AI to generate the best rostering decision.

Typically saves 3% to 5% of staff costs without compromising on patient care objectives. You can quickly and optimally respond to changed circumstances, e.g. staff illness or new demand



### DELIGHT STAFF

Handles complex rules for staff leave requests plus optional preferences.

Provides a better fit to roster requests and preferences. Produces staff friendly rosters, e.g. minimise single days off or avoid nightshift prior to a leave day.



### SYSTEMISE

Highly configurable to fit your hospital's specific operational and HR requirements.

Once configured, you are not reliant on an individual's specific knowledge to produce a roster. Consistent and high quality rosters are generated without any personal biases.



### IMPLEMENT QUICKLY

Access is through a web browser with a spreadsheet style interface.

Nothing to install with web browser access. Easy set up of operational and HR rules. Enter or import roster into existing systems if mandated. Minimal training as it uses the familiar Excel style interface.



### ACCESS LOCAL SUPPORT

Daitum Rostering is Australian owned, built and supported.

## Example Scenario

### BUSINESS PROBLEM

The Head of Nursing at a private hospital has the task of scheduling a 100 person workforce to satisfy demand by nurse role type, subject to operational constraints and business KPIs.

- 4 week x 7 days/week x 3 shifts/day
- 8 different constraint types
- 5 quality measures
- Must honour leave, “special requests” and pre-allocations

### OPTIMISATION OBJECTIVES

- RN:EN ratio
- Work equalisation across weeks
- Night shift equity
- Individual shift preferences
- Cost

### FEATURES

- Manual or automated rostering
- Visibility of constraints and metrics
- Easily adjust optimisation KPIs
- Override any optimiser decision
- Configure staff data individually for each nurse, or by group/EBA
- Explore and compare different “what-if” scenarios

### OUTCOMES

- Roster produced in 4 hours compared to four days for the manual process
- Frees up key personnel to complete other tasks
- Automation better satisfies “hard” constraints with improved KPIs
- Monthly staff cost is 3 to 5% lower

## Your Solution, Your Way

We believe technology exists to serve you, so you remain in full control from start to finish and get the solution that fits your specific requirements. Daitum's advanced decision making analytics platform allows you to customise the shift structure, business operational rules, employment conditions and up to 20 staff skill types. Staff information including costs, skills, availability, requests and preferences can be directly entered or uploaded from an Excel file.

You can set hard constraints such as staffing ratios but also you can set the relative priority for trade offs such as accommodating preferences versus minimising costs.

The user interface provides an easy to navigate grid view that is colour coded to indicate any mismatches in staff and skill demand so you can decide on what action is to be taken. KPI's such as compliance, business and patient care are calculated and reported.

You can produce allocation/run sheets for a daily view of rosters that can be published. The reports are completely customisable and as are templates for uploading data into other systems. Or you can enter the roster generated into your existing enterprise system.

# Take the next step

## Book your consultation today

"Rostering ties up senior nurses"

"Staff are unhappy with their roster"

"There is increasing pressure to contain cost"

### Let's Talk

Whether you use a whiteboard, a spreadsheet or have an enterprise system, rostering is painful so let's talk about a better way.

In a one hour consultation we can:

- 💡 Hear from you about the challenges of rostering in your organisation
- 💡 Demonstrate the benefits of advanced decision analytics that Daitum Rostering will deliver
- 💡 Show how quickly and easily these benefits can be realised in your organisation

With Daitum Rostering you will spend less time rostering plus deliver a roster that better meets your organisation's needs.

**Book your demo today**  
**[sales@daitum.com](mailto:sales@daitum.com)**

