

## Rapid automated creation of efficient staff rosters

**TRACSRoster** is an optimisation software application that enables the rapid creation of legal, highly efficient staff rosters whilst taking into account a wide variety of labour constraints and parameters. The system has been designed primarily for use within the transport industry where the rostering of on-board crew such as train drivers and guards is a manually intensive process with a large number of scheduling constraints and variables. The TRACSRoster offering includes:

**Rapid automated creation of legal highly efficient rosters**

**Mitigation and potential elimination of excess roster lines and rest days**

**Optimal placement of spare turns within a roster to maximise service delivery and system redundancy**

**Substantial back office savings in management time**

**Automatic FI calculation**

**Easy to carry out strategic 'what if' optioneering on rostering rules**

**Shorter turnaround time of base rosters – typically minutes instead of days**

**An indispensable tool for understanding the impact of labour rules within rostering operations**

**Reduction of variable cost for overtime and rest day working**

TRACSRoster is an intuitive, easy to use application that can be tailored to fit individual operating environments and can also interface with existing systems.

Key functions include:

- **Powerful optimisation capability to automatically generate efficient base rosters**
- **Configurable scoring system for each parameter so that rules can be tailored to suit individual needs**
- **Clear and simple graphical output that identifies key variables and roster outputs**
- **Automatic calculation of worker fatigue without the need for manual data manipulation**
- **Drag and drop manual editing for fine tuning**
- **TRACSRoster interfaces with TrainTRACS and Voyager Plan**
- **Full statistical reporting that can be customised to suit the needs of each user**

For further information or to request a demonstration, please contact us on **0845 125 9162** or email **info@tracsis.com**

