

# The Schedule Master

The easy to use, PC based schedule development and analysis system.

## Schedule Planning: A Critical Task

An airline's flight schedule is critical to its success. It balances the demands of paying customers against the costs of aircraft operation and the need of the airline to make a profit. Without an attractive and efficient schedule airlines stand little chance of being profitable.

The art of scheduling takes time to learn, and schedulers must be knowledgeable about most of an airline's operations. Despite their strategically important role, schedulers at most airlines are under pressure to meet planning deadlines while constantly resolving short term operational problems.

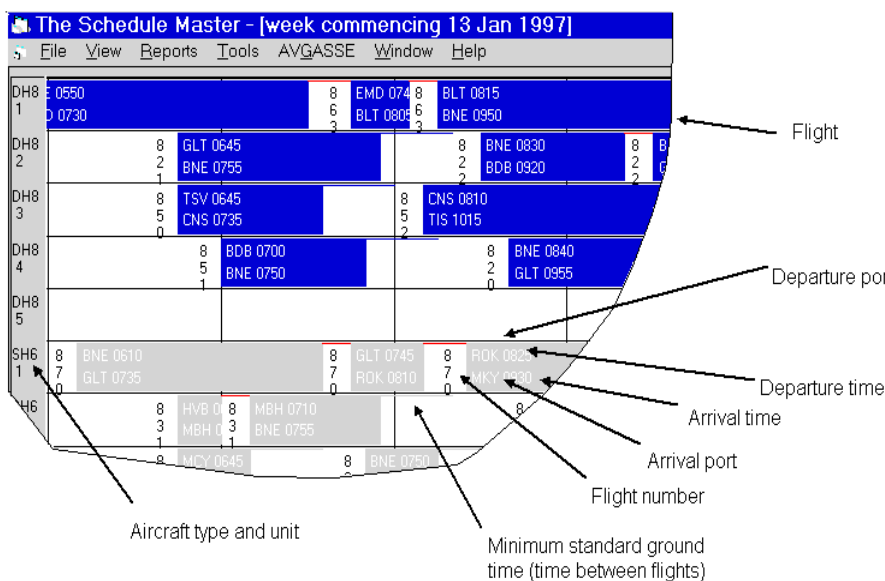
The Schedule Master gives time back to schedulers by giving them an easy to use scheduling interface and automating many of their tasks.

## Schedule Master Benefits

The main benefits gained by an airline using the Schedule Master are:

- Time in planning or modifying schedules is greatly reduced by automating schedulers' tasks
- Schedule quality is improved by the graphical user interface and schedule validation facilities
- Many schedule alternatives can be generated and considered
- The time needed to train new schedulers is reduced

Schedule Master Gantt View



## Schedule Master Functions

Schedule Master facilities assist a scheduler to:

- Develop 7-day schedules for a nominated period
- Manage fully dated schedules
- Manually or automatically allocate flights over the available fleet (schedule rotation)
- View and/or edit schedules in route or aircraft oriented views
- Track changes to a schedule
- Maintain information about the fleet, ports, routes, aircraft block times and ground times, and time zones (Schedule Master Operating Parameters)
- Generate passenger connections

Schedule quality is improved by:

- An extensive range of schedule information and evaluation reports, including revenue/cost reports
- Full validation of flight data
- Generation and review of flight connections and missed connections
- The ability to create or copy numerous "what-if" scenarios and track changes

Schedulers can export and/or import the following data:

- Import/export schedules in a number of formats, including SSIM format
- Import/export Operating Parameters (ports, routes, aircraft, and time zones)
- Import passenger and revenue forecasts from flight forecasting or Revenue Management systems
- Import direct operating costs for aircraft, routes, and flights

## Schedule Master Uses

Schedule Master is a Schedule Planning tool that assists an airline in the tasks of:

- schedule development
- route and network development
- timetable preparation
- fleet planning
- competitor analysis
- operational budget planning and forecasting annual flying hours

An optional extension to Schedule Master provides the facility to release schedules for management on a fully dated basis in the lead up to operation.

Schedule Master runs under Microsoft Windows™ 2000/NT/XP.

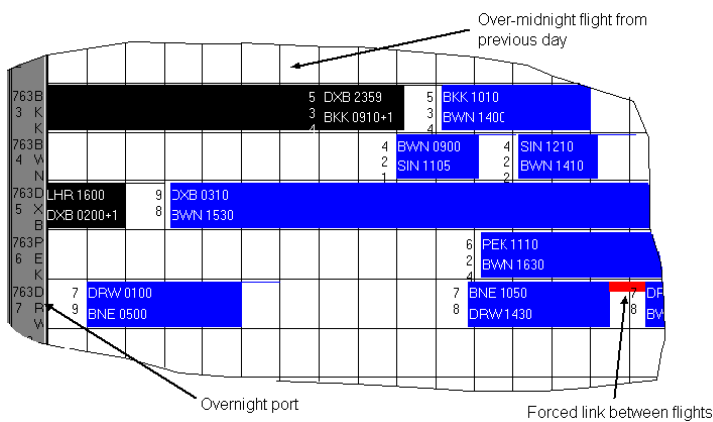
## Optional Planning Targets

Schedulers may optionally enter planning targets for schedules in line with the airline's desired performance. Targets include:

- target load factor
- target capacity and aircraft utilisation
- target financial contribution
- target market share
- target frequencies, route by route

An airline can set these targets at the beginning of the planning cycle and use them as a benchmark to review the schedule as it evolves, or after it has operated.

In the Schedule Master this information is known as a Service Plan.



Schedule Master Gantt View

## Easy to Use and Quick to Learn

Schedule Master is very easy to use, especially for schedulers familiar with Windows™ based software such as spreadsheets and word processors. Being easy to use, it is also quick to learn. Schedulers can productively use the Schedule Master after half a day's initial training.

Most scheduling work is carried out through the Schedule Master Gantt View. Flights are swapped between aircraft, re-timed, added and cancelled by pointing and clicking with a mouse or using one or two keystrokes.

And response is immediate. The Schedule Master is designed to give high performance, even using relatively slow PCs. Differences between fast and slow PCs are only noted when initially loading schedules or running reports.

Most scheduling systems demand the input of large amounts of static data relating to aircraft, block times, ground times etc. before scheduling work can commence. Schedule Master permits entry of default values for generic aircraft, and only requires exceptions to these defaults.

And if importing schedules from SSIM files, much of this information can be automatically derived.

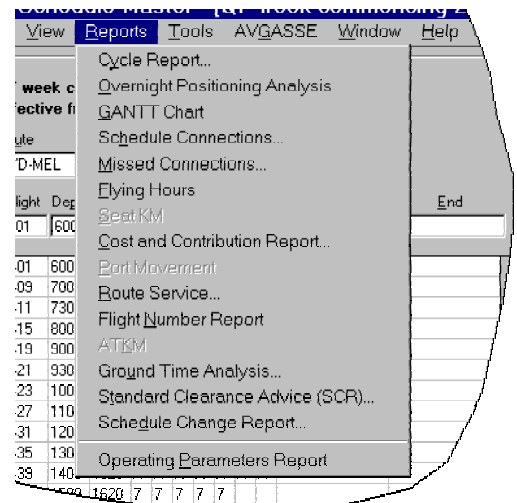
## Schedule Analysis

The Schedule Master provides a large variety of standard reports, allowing you to detail operational performance, schedule quality, financial performance, and schedule efficiency for your airline.

Do you want to analyze a competitor's schedule? Import it or enter it, then rotate it. Run the ground time analysis report to see how much turn around time they allocate various aircraft in different ports. Run the Route Service report to see what times they operate over a route. Examine the Gantt View or run a cycle report to see how they construct lines of flying.

And if you need the data for some purpose not covered by Schedule Master reports, you can export it to a spreadsheet or database, or contact Microz for assistance.

Schedule Master Standard Reports



Schedule Master is available at a price affordable to any airline, with tax, installation, and training costs dependent on your country.

## Special Offer

If you would like to know more about the Schedule Master, please see the Microz web site at <http://www.microz.com.au>.

Supply us with a SSIM file or spreadsheet containing your schedule and we will show you Schedule Master in action and give you an evaluation system to trial.

**Microz**

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