

# TPAC Operations

TPAC Operations is an advanced solution for Operations Control.

## Capabilities

TPAC Operations handles all aspects of operations control, including:

- ➔ Real-time fleet tracking and management
- ➔ Optimised problem solving and decision support
- ➔ Scenario development and modelling
- ➔ Network-wide information gathering, display, management and dissemination
- ➔ Problem alerts, resource constraints and commercial imperatives.
- ➔ Fully integrated capability with both CTI and other in-house systems, including network development, crew management and maintenance systems
- ➔ Interfaces with a wide range of other systems
- ➔ Regulatory and company compliance checking and reporting

## Reporting

TPAC Operations has many built-in reports and information windows, including:

- ➔ Crew connections
- ➔ Cost and contribution
- ➔ Flying hours/frequency analysis
- ➔ Numeric schedule notices
- ➔ Capacity by type
- ➔ Overnight bases
- ➔ Broken connections
- ➔ Passenger loadings
- ➔ Block hours

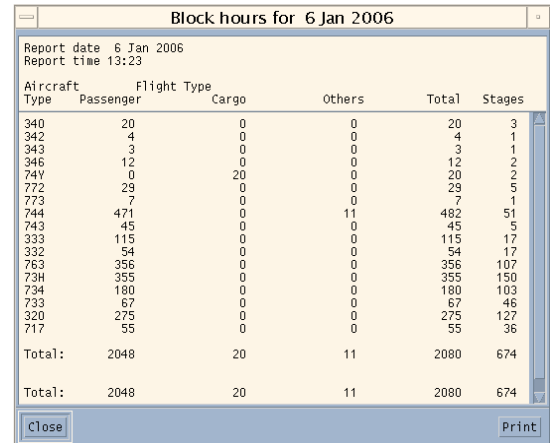
## Modelling and publishing

Changes are made to a model, and then published. They are updated in real-time so changes, arrivals, departures and warnings appear on the screen as they happen. Models can also be shared with more than one operator so that simultaneous problem solving can occur.

## Schedule recovery

Juggling all the factors required to make optimal re-scheduling of a transport fleet needs all the help it can get. TPAC Operations can be interfaced with TPAC Schedule Recovery, that advises recommended actions that can be used to recover to schedule in the minimum time with the minimum disruption. This allows the operator to use this function to support the fleet's operational management, by advising changes that reduce current and future operational problems.

## Reporting sample screen



Aircraft Type	Passenger	Flight Type	Cargo	Others	Total	Stages
340	20		0	0	20	3
342	4		0	0	4	1
343	3		0	0	3	1
346	12		0	0	12	2
74Y	0	20			20	2
772	29		0	0	29	5
773	7		0	0	7	1
744	471		0	11	482	51
743	45		0	0	45	5
333	115		0	0	115	17
332	54		0	0	54	17
753	356		0	0	356	107
73H	355		0	0	355	150
734	180		0	0	180	103
733	67		0	0	67	46
320	275		0	0	275	127
717	55		0	0	55	36
<b>Total:</b>	<b>2048</b>		<b>20</b>	<b>11</b>	<b>2080</b>	<b>674</b>
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## Optimisation

