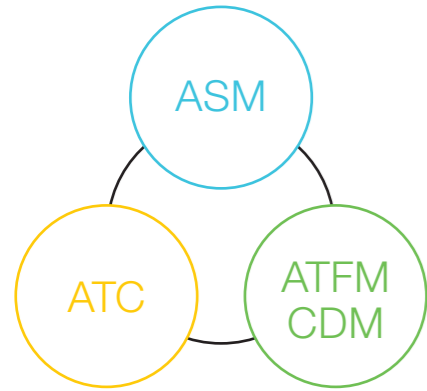




About Us



Air Traffic Management

For more than 40 years, NTT DATA have been working with the Japan Civil Aviation Bureau (JCAB) to provide systems in the ASM, ATC, and ATFM/CDM fields.

To flexibly meet the changing needs of world aviation, product sales, services, systems integration, etc. and to promote overseas business more than ever, NTT DATA's aviation product line up was combined into "airpalette", our new NTT DATA brand.



airpalette ATFM

Product Line Up of "airpalette"



ASM

Air Space Management



ATC

Air Traffic Control



ATFM/CDM

Air Traffic Flow Management
Collaborative Decision Making

Installation

We provide full installation support from consultation to training.



consulting



customization



training



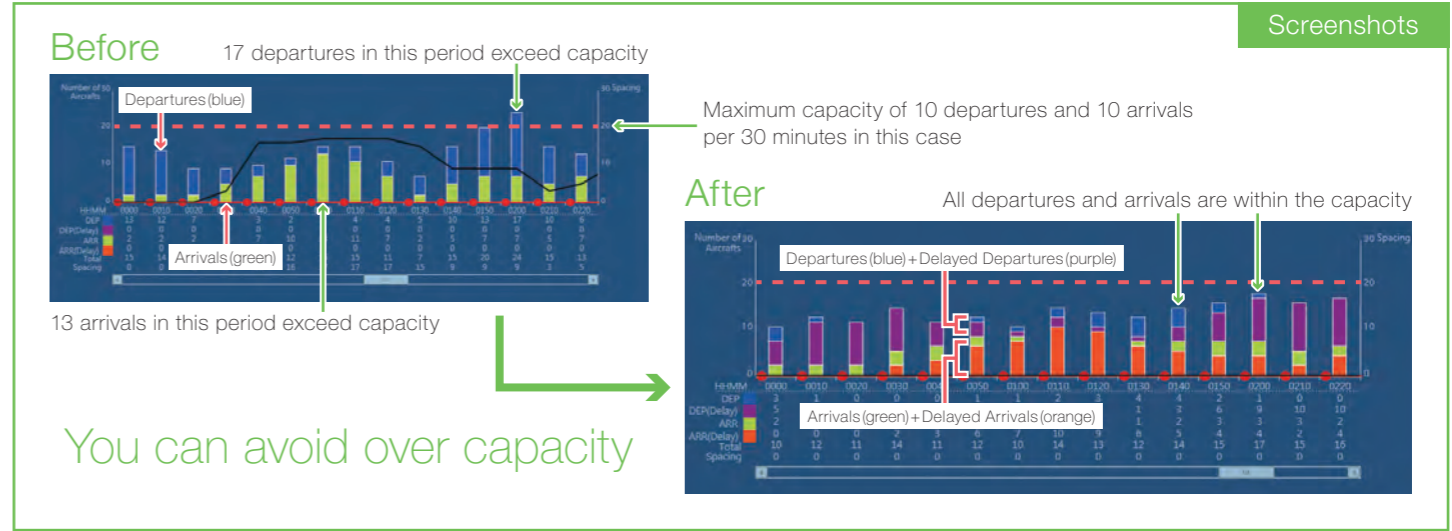
user support



Balancing Traffic Demand and Available Capacity of Airspace and Airport through airpalette ATFM

Expected outcomes of airpalette ATFM

- The realization of safe and orderly air traffic flow
- The reduction of CO₂ emissions and the saving of fuel by reducing holding times
- The relief of the air traffic controller workload by leveling traffic volume
- Making information available to all stakeholders



Feature

1 Forecasts of air traffic volume

airpalette ATFM predicts the air traffic volume of the airspace and airport of a few hours later based on the flight plan provided by the airline and the meteorological data.

If the flight plan is unavailable, airpalette ATFM can use data from the OAG (Official Airline Guide) which has a timetable of scheduled flights all over the world.



Feature

2 Calculates ideal departure schedule plans using a wide variety of control patterns

When congestion is predicted in the air traffic volume, the traffic flow will be managed by adjusting the arrivals and departures schedule.

Many variations of control patterns are provided in order to calculate the ideal departures schedule. As well as testing the practical results of multiple patterns, the user can carry out the control patterns.

We are also planning improvements such as calculation of Estimated Passing Time at trajectory fix and Estimated Arrival Time with weather conditions and aircraft performance.

C/S	DEP	EDCT	ATD	DEST	ATA	TYPE	DIS
YY9586	BBBB	0236	0225	AAAA	0350	A330	515
Q19083	CCCC	0310	0300	AAAA	0352	B738	236
GH9713	DDDD	0205	0155	AAAA	0354	B777	520
JO0789	EEEE	0206	0155	AAAA	0356	B787	774

airpalette ATFM assists users to coordinate with airlines by proposing EDCT(Expected Departure Clearance Time)

Feature

3 Supports the use of international ATFM

International ATFM is the exchange of information between countries with adjacent airspace, and the adjustment of departure and arrival times or to the entry and departure from the airspace under national jurisdiction, in order to manage air traffic flows in the best way for both countries. Our product is designed with international ATFM in mind, and contributes to the prompt start-up of international ATFM by sharing the necessary information.

