



airpalette RDP

airpalette RDP (Radar Data Processing system) is a system that supports aviation safety in overcrowded airspaces. It compares data obtained via radar, such as the locations and altitudes of aircraft, with flight plan information; and generates the necessary information on the control console screens for air traffic controllers to better manage flight paths.

airpalette RDP is a package product that includes the know-how of NTT DATA's RDP system, which has serviced Japan Civil Aviation Bureau for many years and contributed to the traffic increase. airpalette RDP also includes the following advanced technologies:

Aircraft Flight Prediction Technology



Predicts the aircraft movement 3-dimensionally, alerts air traffic controllers with predictive detection of potential mid-air collisions between aircraft, violations of prohibited airspace, and ground collisions in the airport vicinity.

Aircraft Target Tracking Technology



Tracking based on an aircraft's flight path in 3-dimensional space and flight plan information.

High Availability Technology



Minimizes service interruptions with multiplexed system architecture, minimal failover time, and automatic restart capability.

High Resolution Display Technology



Maximum 4Kx2K high-definition display with a high refresh rate and equipped with advanced human-machine interface suited for radar air traffic control.





A Screenshot of airpalette RDP

This is a screenshot of a controller console in which aircraft information is displayed on a map that indicates flight paths and airspace information. The points include three lines of text information that indicate aircraft that are currently in flight. The green color indicates aircraft heading west, and the yellow color indicates aircraft heading east.



Capabilities

airpalette RDP has the following features that guarantee safe air traffic.

- ✓ Flight Data Processing
- ✓ Radar Data Tracking and Display
- ✓ F/P Correlation Processing
- ✓ Flight Lists Display Processing
- ✓ Hand-off Processing
- ✓ Controlled Aircraft Indication Processing
- ✓ Weather Data Processing
- ✓ Area Information Processing
- ✓ Same DBC Detecting Processing
- ✓ Air Area Invading Surveillance
- ✓ Short Term Conflict Alert Detection
- ✓ Minimum Safe Altitude Warnings
- ✓ Emergency State Indication Processing
- ✓ Recording and Playback Processing

Installation

We provide full installation support from consultation to training.



consulting



customization



training



user support

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