## NTTData

## PANADES

Procedures for Air Navigation services -Airspace Design and Evaluation System

## NTT DaTZ

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## Implementing PBN Procedures with PANADES

PANADES is an integrated software package for Flight Procedure Design that provides an innovative human-machine-interface and a high level of automation throughout the design process.

Flight Procedure Design Function

- Conforms to ICAO PBN concept as well as PANS-OPS Criteria (ICAO Doc 8168).
- ICAO Doc 9613 PBN Manual. includes functions to design RNP AR Approach Procedures based ICAO Doc 9368 Instrument Flight Procedure Construction Manual. - Provides a high degree of interface.
$\rightarrow$ Offers complete procedure design approach seament to the in initial approach segment
aph segment
$\rightarrow \underset{\rightarrow}{\text { Provides "what-if" }} \begin{aligned} & \text { procedure design }\end{aligned}$
$\rightarrow$ Enables users to re-draw protection areas b
mouse dragging.
- Implements high level of automation with advanced algorithms


Aeronautical Data Management

- Manages AIP data, obstacle data, terrain data and procedure design data efficiently. $\rightarrow$ Adin data incluc
$\rightarrow$ administration.
$\rightarrow$ Supports AP cata update based on AIRAC AIP Amendment.
$\rightarrow$ Erovide importerport funtons to
Provides import/export functions to exchange data with other database or
software applications. -


