NTT DATA
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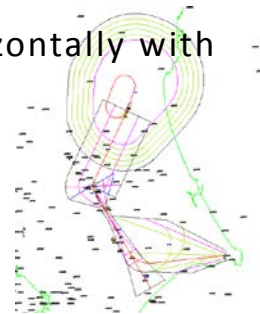
PANADES (Flight Procedure Design System)

PANADES 3.0, the first major update to NTT DATA's Flight Procedure Design System is released in 2020.

PANADES 3.0 will include the following productivity enhancements:

1. Data management
   - Extract procedure designs which conflict horizontally with Airspace/area/point.
   - Extract related routes and FIX/WP・NAVAIDS.

2. Flight procedure design
   - Multiple procedure design
   - Horizontal/vertical assessment with Airspace
   - Output detail information of segments and critical obstacles automatically
   - Output kml format of segments, nominal track, airspace and obstacles
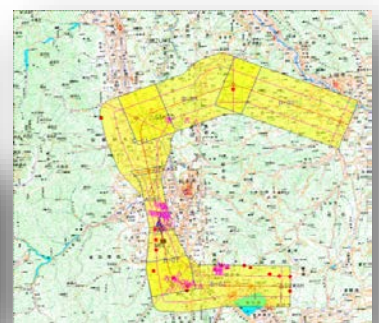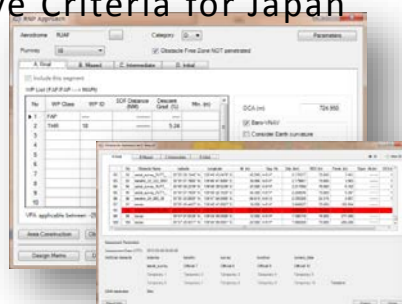
3. Data exchange with other tools
   - Output the information needed for CRM assessment
   - Export ARINC 424 Ver.20/21 format

■PANADES3.0 is compliant with the following criteria:
   - PANS-OPS (ICAO Doc 8168)
   - RNP AR procedure design manual (ICAO Doc 9905)
   - Quality Assurance Manual for Flight Procedure Design (ICAO Doc 9906)
   - PBN manual (ICAO Doc 9613)
   - En-route tentative Criteria for Japan