

Regional Focus: CANSO-Metron Aviation partnership to optimise air traffic recovery in the Asia Pacific



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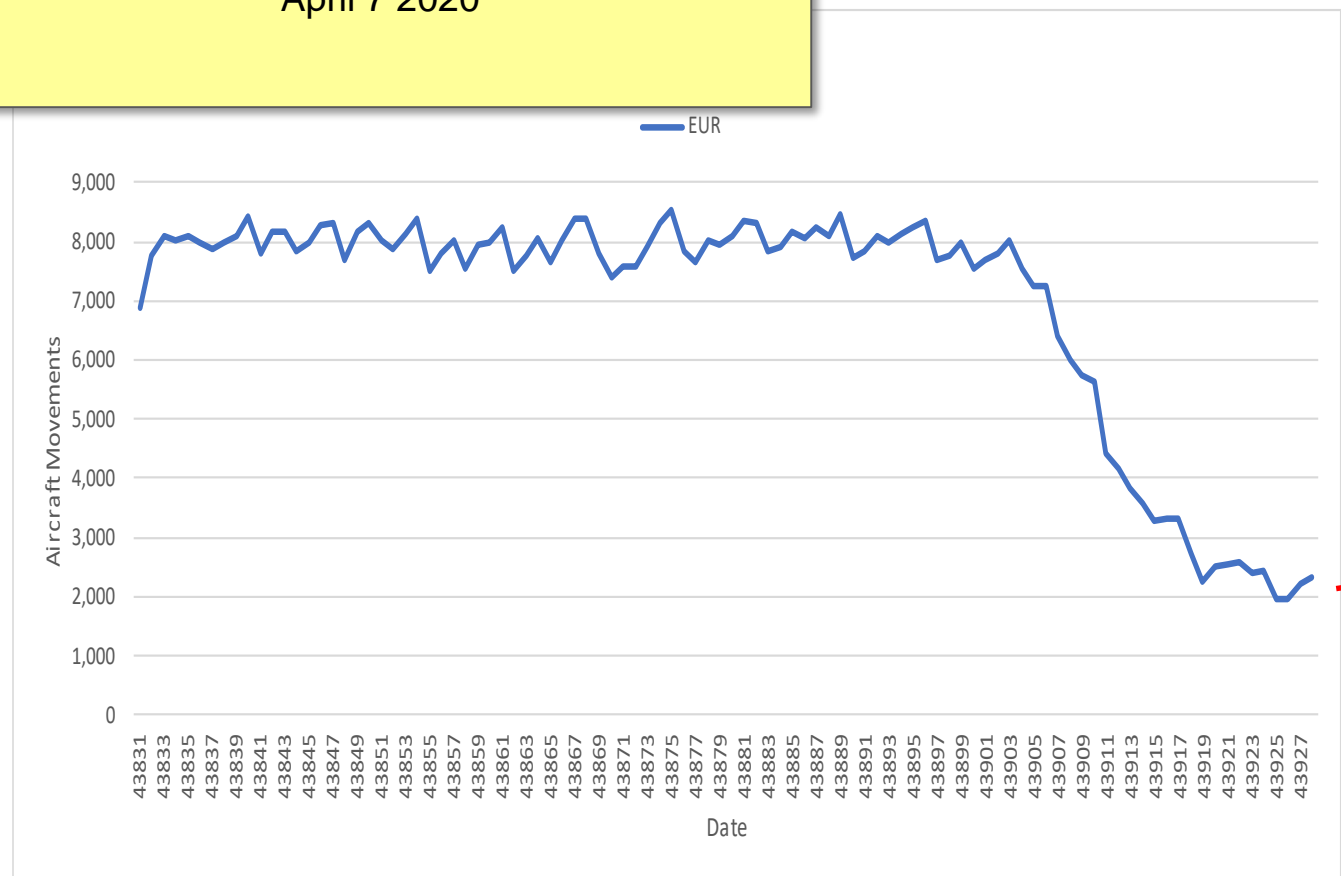
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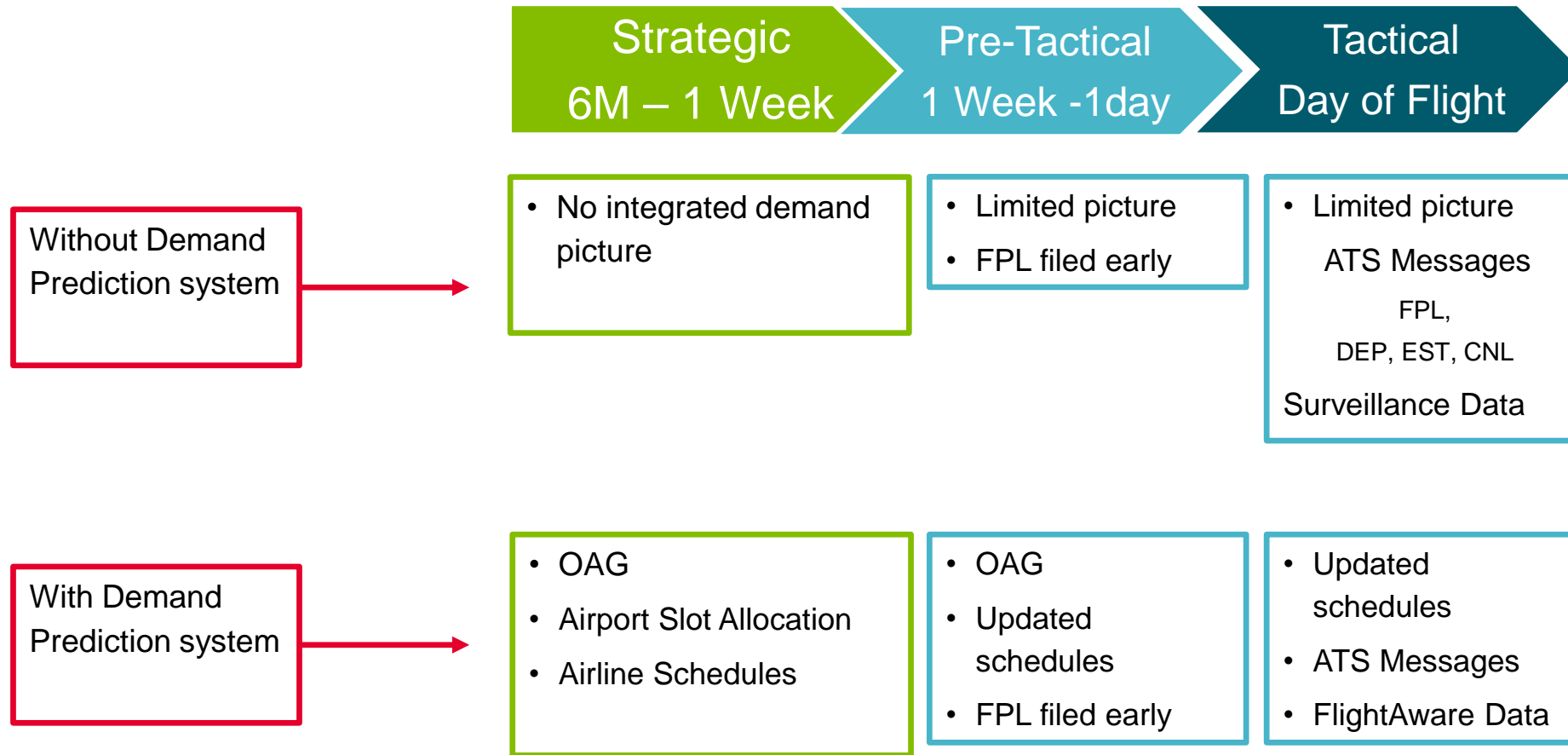
We know what happened – what now?

For example, here is European traffic, Jan 1 – April 7 2020



Forecast model: what does this pattern look like in the future?

Demand Prediction



What will the demand predictions supply ANSP with?

- Pre-tactical and tactical evaluation of the expected demand at airports and within user-defined airspace locations and flight information region (FIR) boundaries
- A common situational awareness platform to aid in CDM processes for ANSPs, neighboring ANSPs, and other stakeholders
- Demand awareness to facilitate application of staffing resources to meet the predicted demand
- Real-time demand predictions with resource capacity overlays for quick identification of demand and capacity imbalances
- Reduction of unnecessary delays and airborne holding through implementation of manual ATFM measures when appropriate.
- Easy assessment of the severity of the imbalances that can translate into operational actions like capacity adjustments or manual ATFM measures to reduce unnecessary delays and airborne holding.
- Rerouting flights in collaboration with airspace users as necessary
- Informed decision-making to ANSP and stakeholders

Status Update

New Concepts in ATFM

- OAG data integrated
- AFTN/AMHS Data integrated
- FlightAware ADS-B data integrated

5 ANSPs have signed MOU, many more obtaining management approval

Countries in Europe showing interest, one sign up.

Future – Global ATFM picture being created

ATFM Demand Prediction Demonstration

ANSPs Requirement

Should ANSP be willing to participate the following is required:

- **ATS messages sent to AFTN address**
- **MOU between CANSO and ANSP**
- **Point of contact (Technical and Operational)**
- **List of Airports to be monitored**
- **5 user names**

Not restricted to CANSO Members

Security of data

- Horizon is compliant with CIS security standards
- Client connections are encrypted
- No public access – credentials required for access to system
- ATS and Surveillance data feeds are encrypted



Support

Training and Operational Support

- Training supplied by Metron ATFM SME
- On line Training
- On line support - Metron SMEs will be able to see same picture
- WhatsApp Chat forums
- E-mail

Technical support

- Cloud Web Based services
- No physical installation required on site at ANSPs location
- Help line

Questions

Visit us:

canso.org

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