

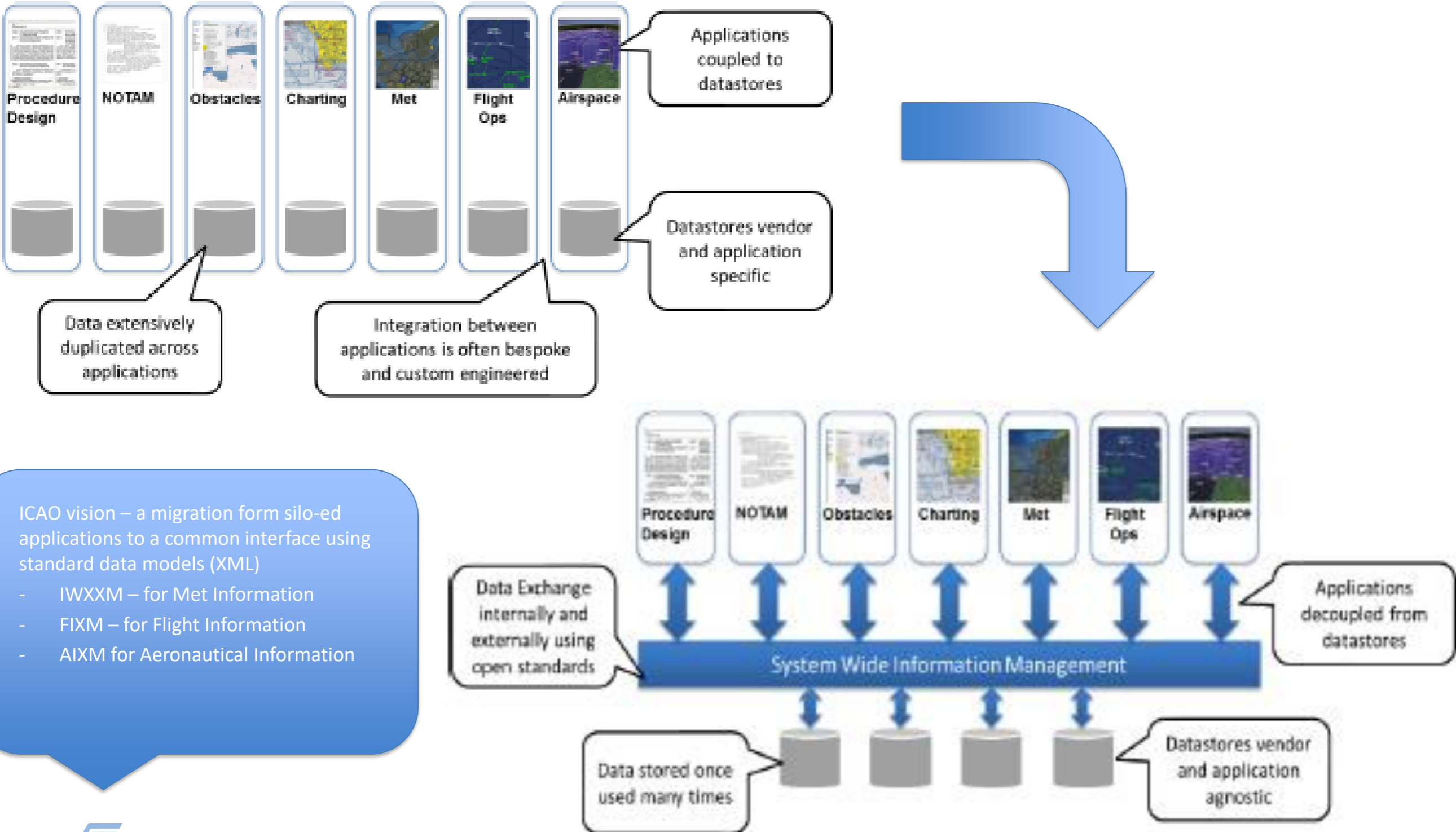
# SWIM Update

## - Met Symposium 2020



SYSTEM WIDE INFORMATION MANAGEMENT

# Background - Legacy to SWIM



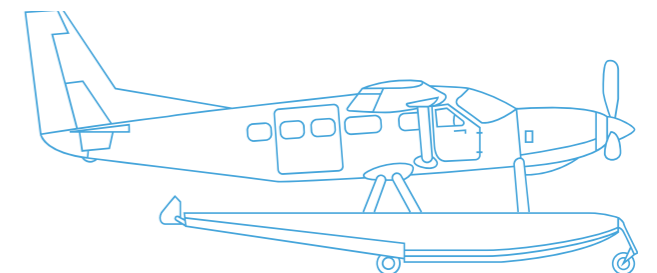
ICAO vision – a migration from silo-ed applications to a common interface using standard data models (XML)

- IWXXM – for Met Information
- FIXM – for Flight Information
- AIXM for Aeronautical Information

# Status Update



- Infrastructure
  - Aeronautical Message Handling System (AMHS) Links established to Australia and USA
    - *Enables transmission of IWXXM files (old AFTN network is unable to handle these due to size and character set limitations)*
    - *Enables onward transmission to other AMHS nodes around the world.*
- Met Data Interchange
  - Test IWXXM messages exchanged with Australia and USA
    - *NZ is prepared for the November 2020 Annex 3 mandate*
  - TAC <-> IWXXM Translation ability
    - *MetService have the ability to translate TAC to IWXXM (and vice versa)*
      - *Translation will occur when IWXXM isn't made from source (eg METAR)*
      - *Data from other agencies will not be translated, unless by explicit agreement*





Man pointing at aeroplane engine