



The Fourth Meeting of System Wide Information Management Task Force (SWIM TF/4)

3 - 6 November 2020



Australian Government
Bureau of Meteorology

Report on SWIM in Australia

Airservices Australia (ASA)

Australian Bureau of Meteorology (BOM)

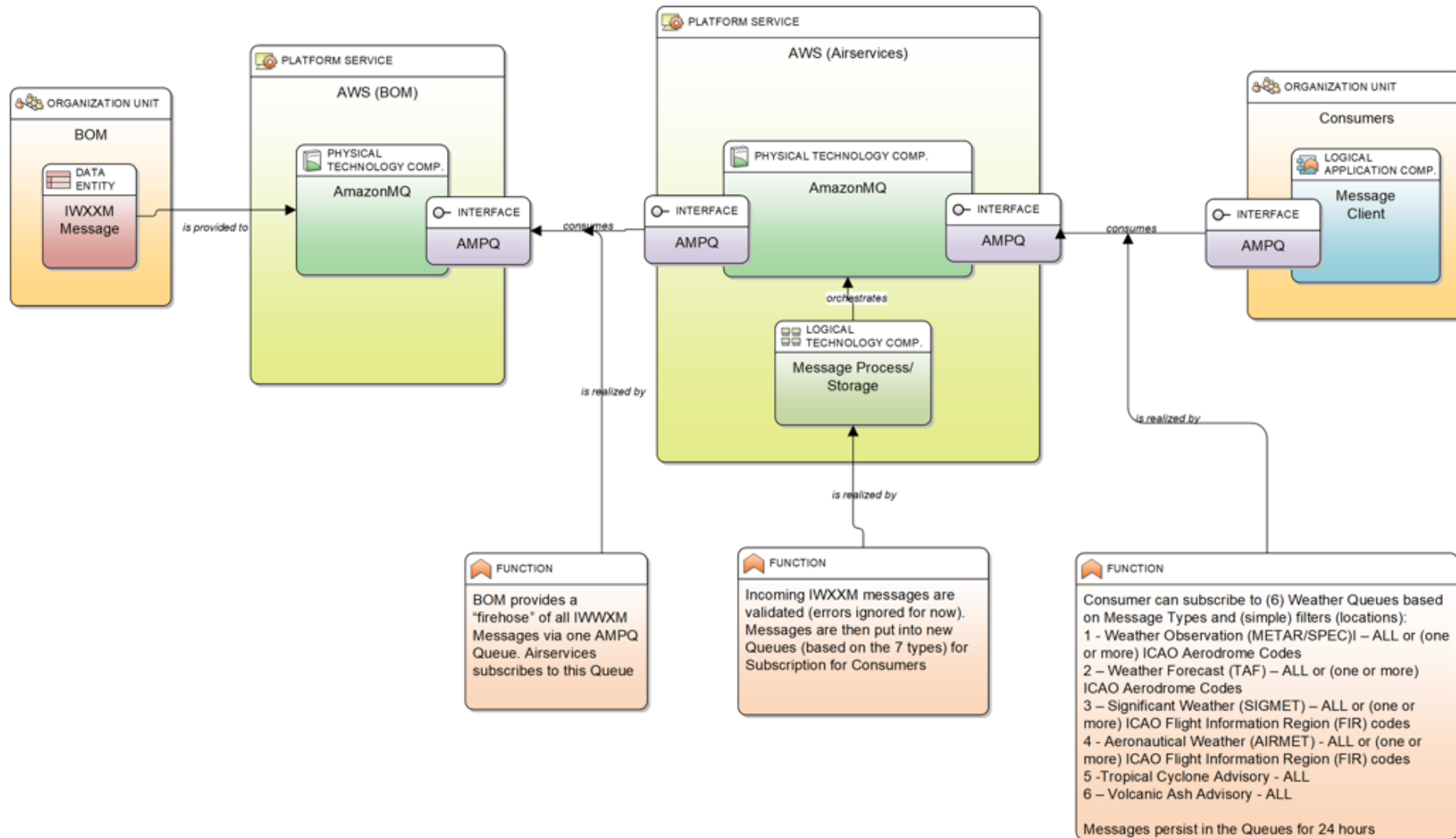
Australia - Overview

- **Active program to design the SWIM future state for Australia**
 - **Data Interoperability Architecture - Integration Platform driven**
- **Challenges**
 - **Define the scope of “SWIM” and becoming service-driven**
- **Early Prototypes**
 - **ASA/BOM exchange of IWXXM + Static SWIM Registry**
- **BOM generating IWXXM V3 and distribution via AMQP**
- **Recommend proposals**
 - **Investigation of cost-recovery models for MET data Services**
 - **SWIM Technical Infrastructure Profile - APAC Profile?**
 - **SWIM Registry - a Shared APAC Registry?**

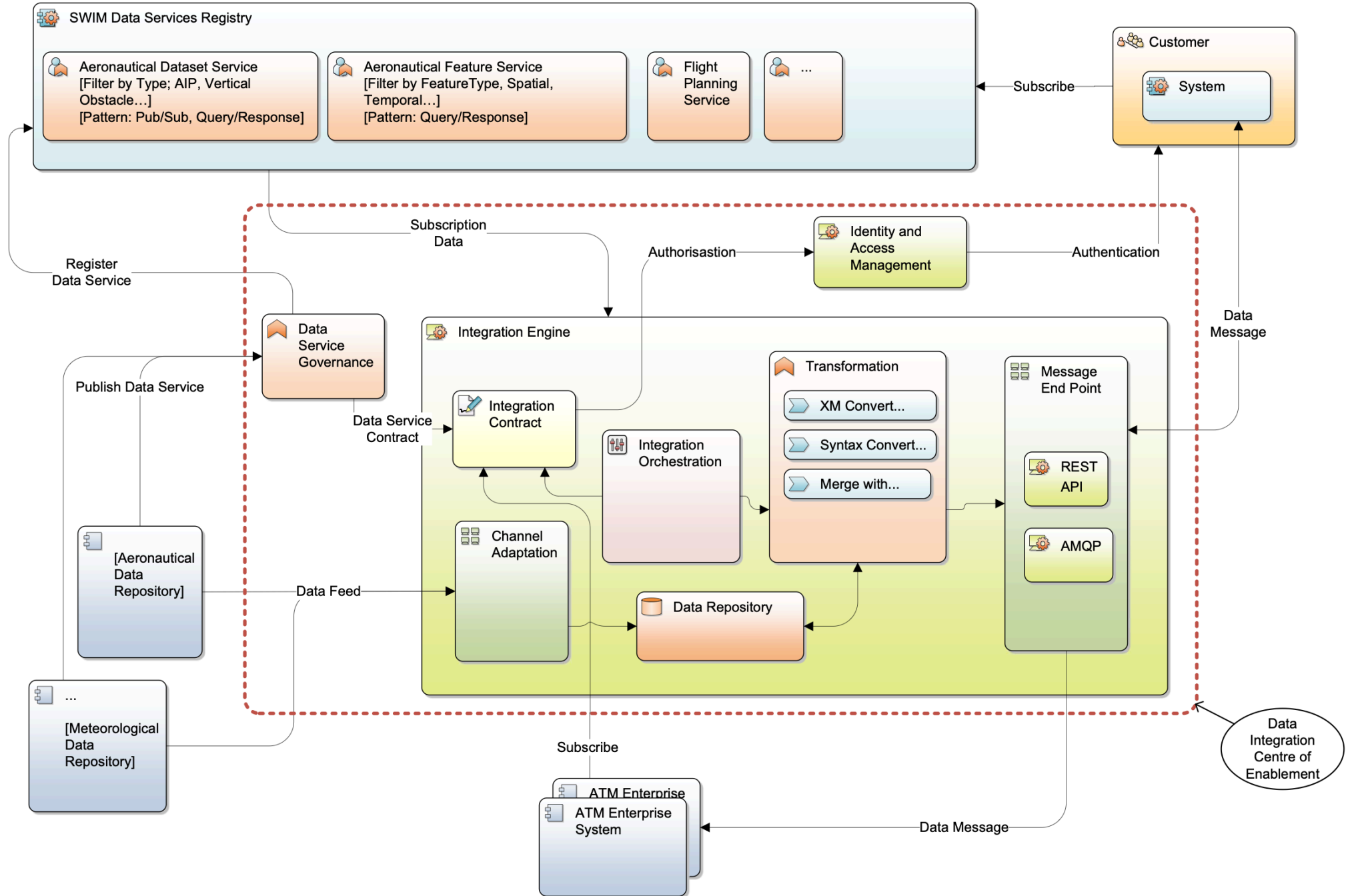
Standards - Global Impact

- ICAO APAC SWIM Task Force
- AIXM CCB
- AIRM CCB
- FIXM CCB
- ICAO IMP
 - SWIM Manual Vol 2
 - PANS-IM
 - WG/A (Digital Data Sets)
- EUROCONTROL
 - SWIM Community of Interest
 - SWIM Registry CCB
- CANSO SWIM WG
- ICAO METP WG-MIE
- ICAO METP MISD
- ICAO METP WG-MRI
- ICAO APAC MET SG
- ICAO APAC MET-IE WG
- ICAO APAC MET/R WG
- ICAO APAC ATFM SG

SWIM IWXXM Prototype

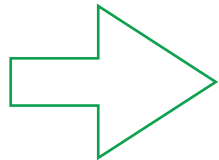


SWIM Architecture

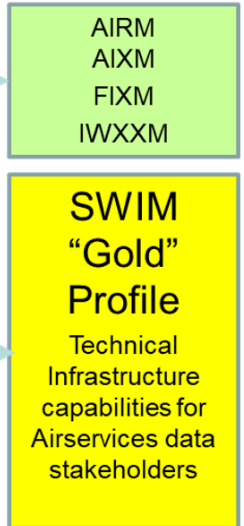
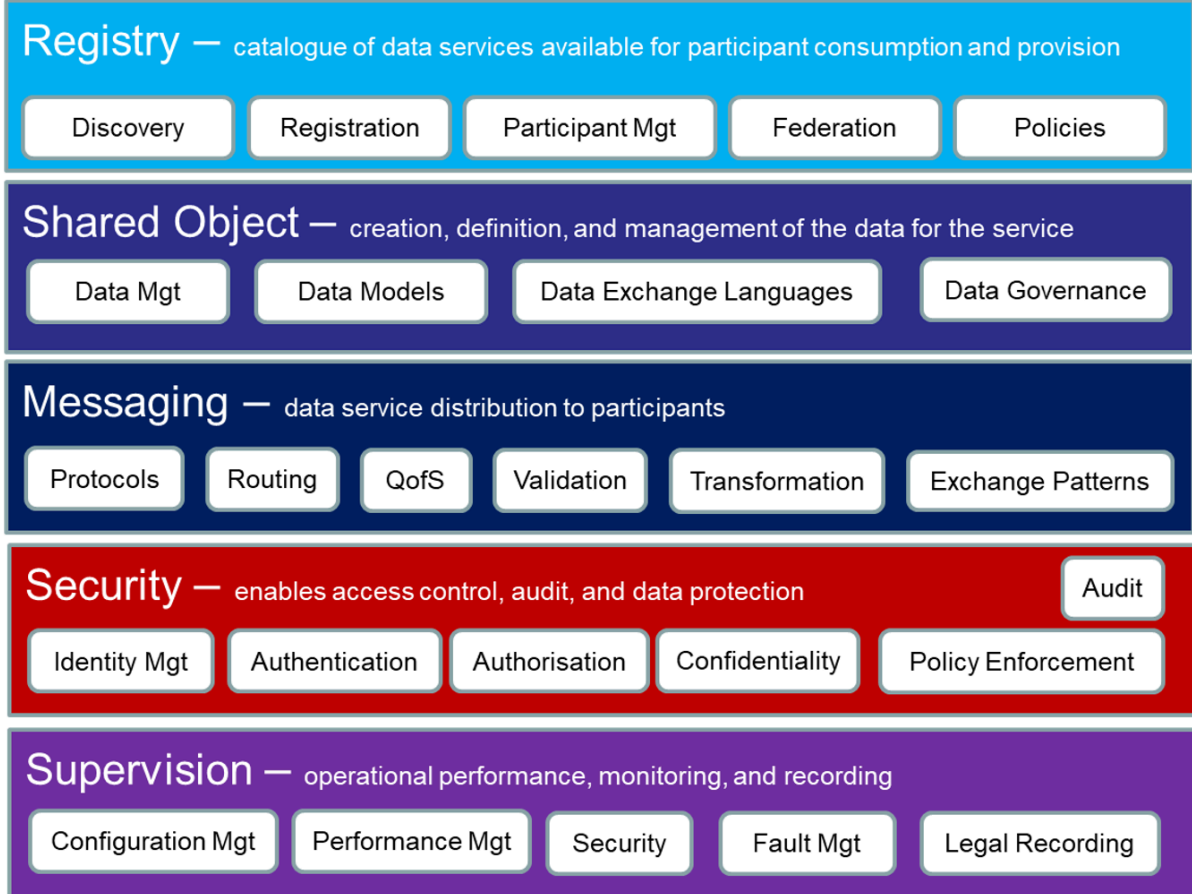


Technical Infrastructure Profile

Set of Capabilities



Required Categorised Capabilities



Thank You

Questions?



Australian Government
Bureau of Meteorology



ICAO



Photo by [Clarinta Subrata](#) on [Unsplash](#)