



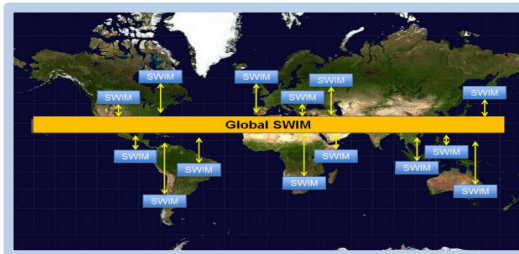
SkyFusion

Overview

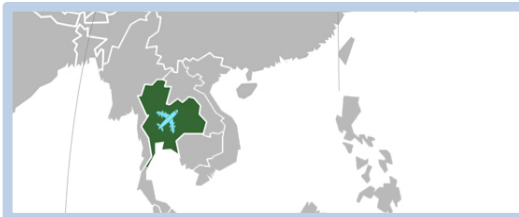
ICAO ATFM Working Group

October 17th, 2016

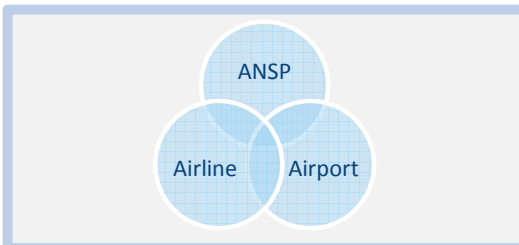
Information Sharing - Challenges & Opportunities



Data access and exchange across regional Air Navigation Service Providers (ANSPs), Airlines, and Airports is insufficient



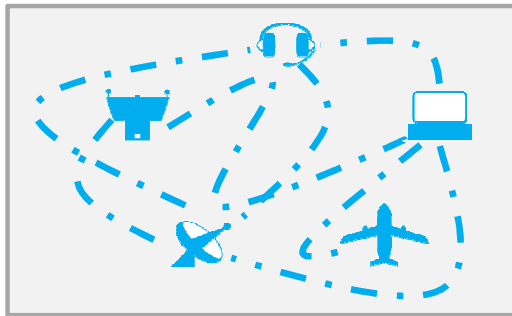
Need for Collaborative Decision Making (CDM) process, tools, improved situational awareness, and training across regional Air Traffic Management (ATM) stakeholders



Opportunity for new architectures to enable operational goals

Problems being solved

Today's Information Sharing



1. **Problem:** Multiple and potentially conflicting information sources
2. Point-to-point system connections
3. Limited data sharing
4. Isolated decision-making
5. Inability to see the broader picture and decision implications

SkyFusion Information Sharing



1. **Solution:** A single information source for data and application needs
2. Increased data access and exchange
3. Collaborative Decision Making (CDM)
4. SWIM-based architecture
5. Holistic view of operations between multiple stakeholder groups

Target Customers:

– ANSPs, Airlines, Airports

Regional Implementation:

- Asia Pacific (APAC) initially
- Latin America, Caribbean,
- Middle East



Industry Benefits of SkyFusion

SkyFusion is a platform that:

- Connects disparate aviation stakeholder systems and
- Hosts software-as-a-service (SAAS) applications

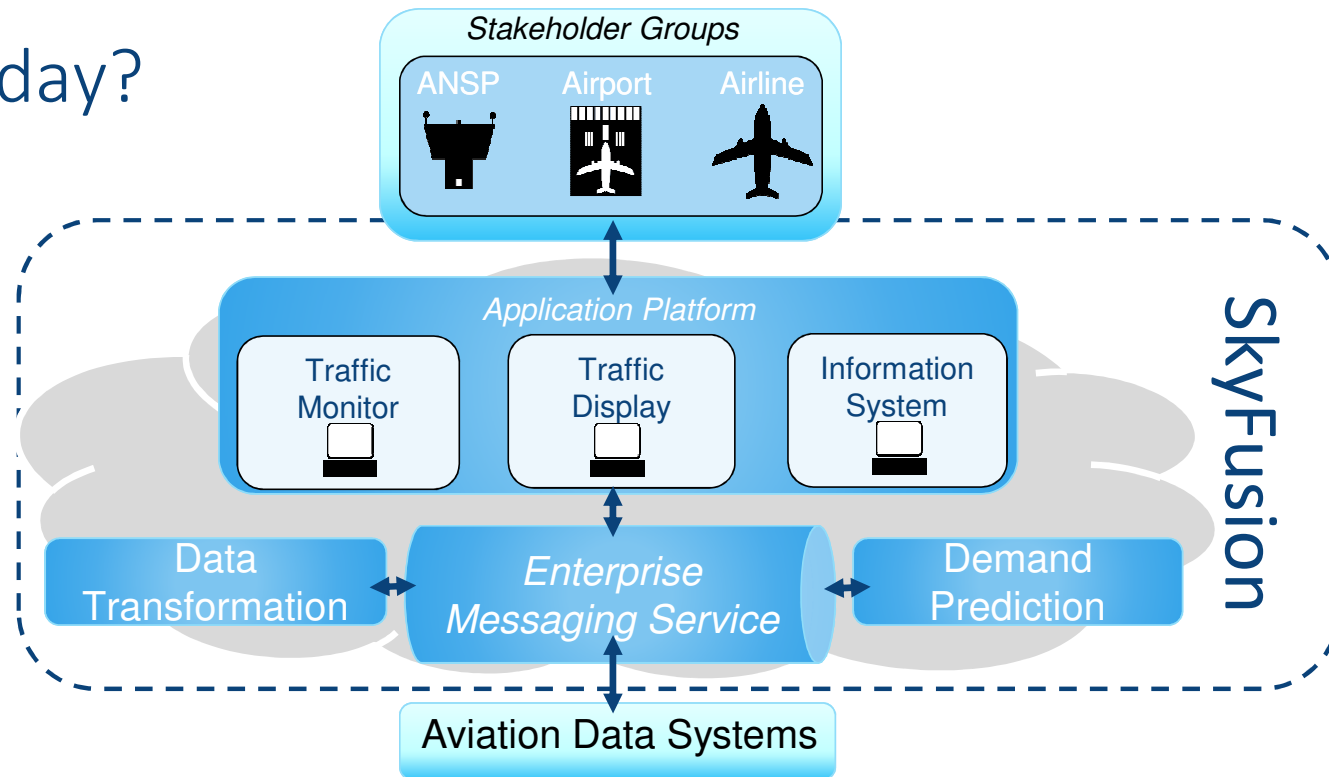
SkyFusion solves two core needs:

- Enables sharing of data across systems from multiple stakeholders in internationally recognized, SWIM standard format
- Provides a one-stop shop for applications
 - Built on the data exchange, simplifying integration and lowering development cost



What is SkyFusion Today?

- Data Exchange Platform and Framework
- Application Framework
- Initial Situational Awareness Tools
- Additional Elements





Why IATA & Harris?



Non-biased, not for profit with an interest for the aviation community at large

Provides support for both regional and globally cost effective goals

Global infrastructure and a knowledge across multiple aviation stakeholders



SWIM Solution specialists involving FAA, Sesar Joint Undertaking, Mini-Global

Global leader in SWIM implementation, infrastructure, and data

Worldwide data validation and efficiency solving applications such as Orthogon Osyrus



Interested in learning more about how SkyFusion benefits
Airlines, ANSPs, and Airports?

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SkyFusion
Helping Aviation Connect