

*Global Information
Management*

FAA Common Services

*Enabling Collaborative ATM
through
Information Management*

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Federal Aviation
Administration



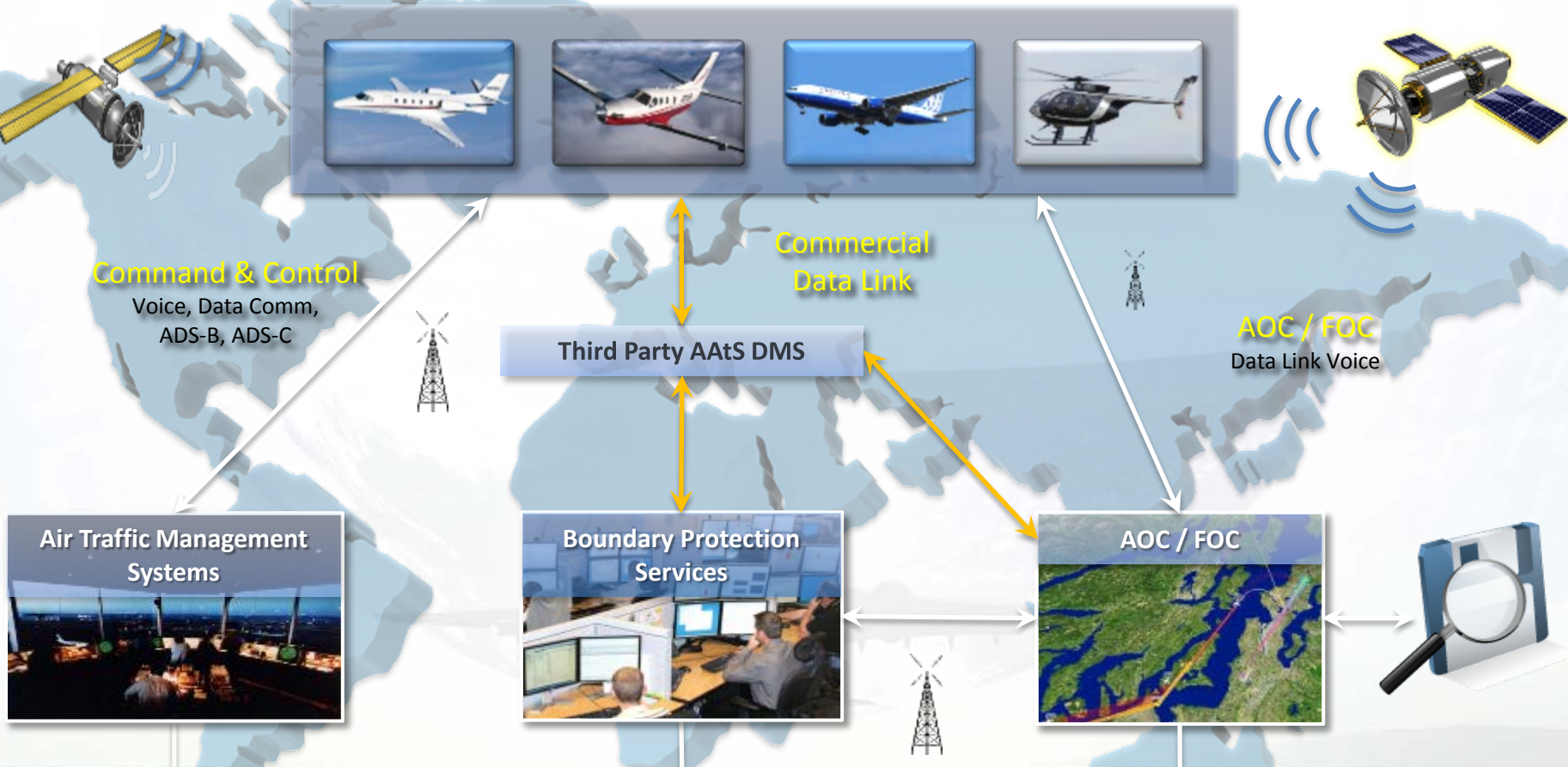
**AIR TRANSPORTATION
INFORMATION EXCHANGE
CONFERENCE**

Global Information Management

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NOAA Auditorium and Science Center • Silver Spring, MD

Operational Environment



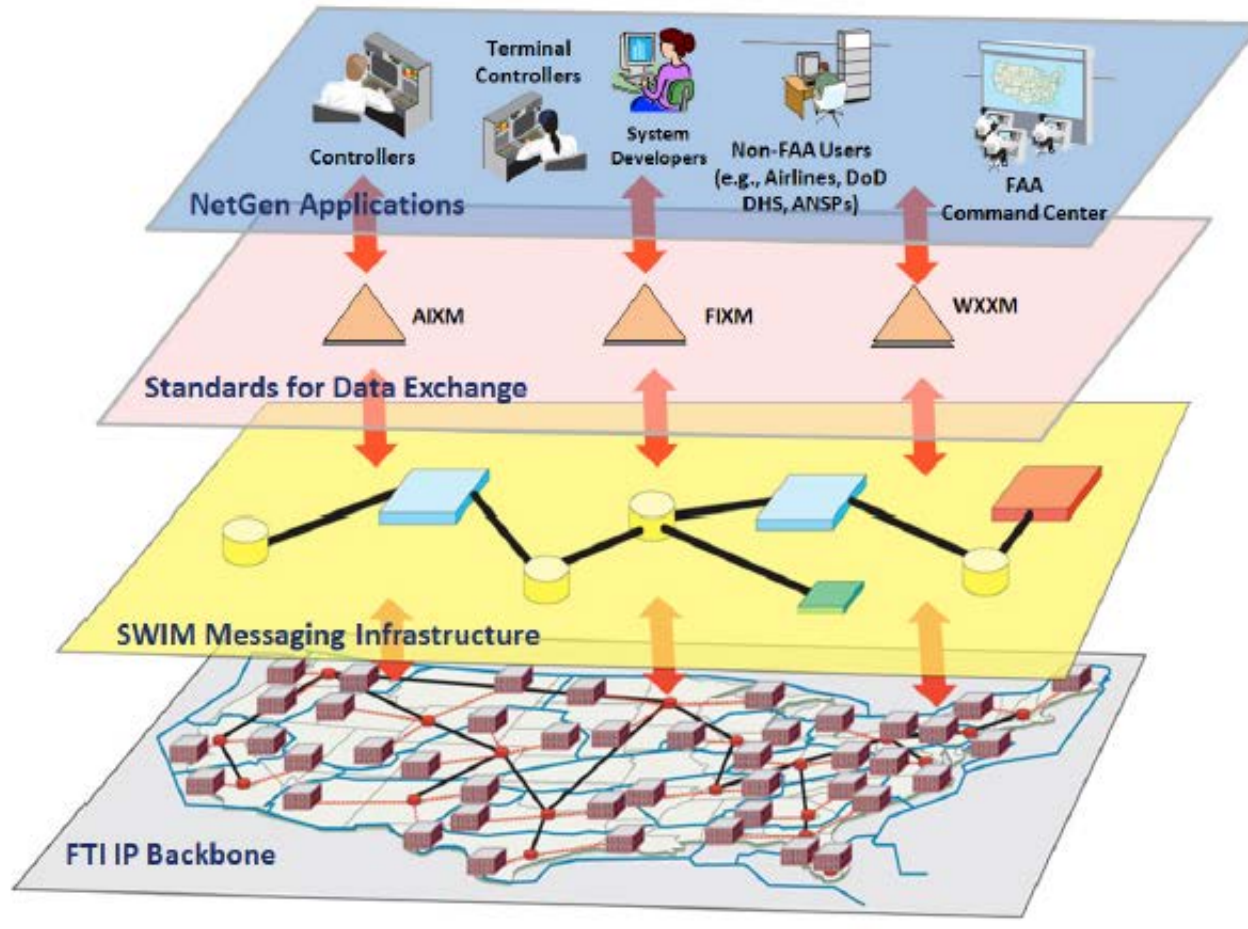
SWIM SOA Messaging Infrastructure

Weather Information Sources

Aeronautical Information Sources

Flight Information Sources

The Foundation



Fundamentals of Common Services

- Accessible
- Adaptable
- Transformative

Accessible

- Easily accessible to internal and external users
 - Airlines & Operators
 - ATM Systems
 - ATM Users
 - Developers



Accessible

- Speaks Common Language
 - AIXM, FIXM, WXXM
- Resides on a Common Access Platform
 - SWIM
- Easily Identifiable Service Delivery Points
 - Aeronautical Common Service
 - Common Support Services – Weather
 - NAS Common Reference



Adaptable

- Easily Modified to Support New Requirements
 - New ATM Systems or Support Tools
 - New Data being Published
 - New or Updated Data Standards
- Ability to Adapt to New Technology
 - Symantec Services
 - Artificial Intelligence



Transformative

- Allows Innovation of Data Services
 - New Value Added Products from Vendors
 - New Ways of Interacting with FAA
- ***Transforms the Way we do Business***



Some Examples

- Aeronautical Common Service (ACS)
- Common Support Services – Weather (CSS-Wx)
- NAS Common Reference (NCR)
- Flight Object Exchange Service (FOXS)



Where Do We Go From Here

- Complete Implementation of First Set of Common Services
- Evaluate New Models of Data Delivery
- Support External Ideas of New Methods
- ***Implement a Transformation of Information Management for the Future***



Contact Information

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