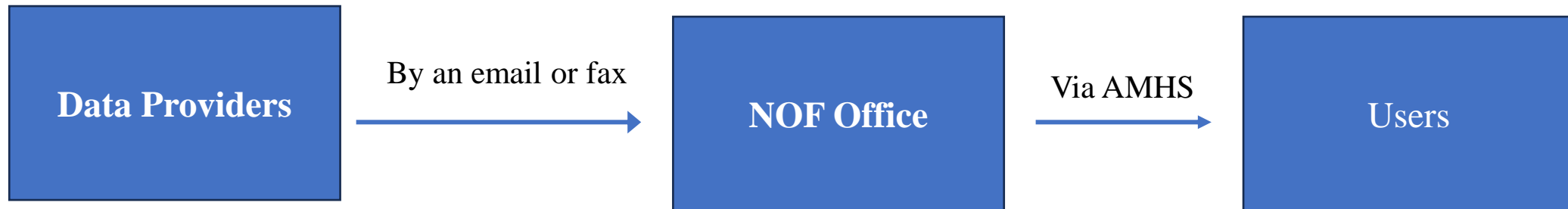# Report out from SWIM working Session
From Business Requirements to Practical Solutions
06-09 Nov 2024

Use case for NOTAM

Current practice of NOTAM promulgation

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┌──────────────────┐                    ┌──────────────────┐                    ┌──────────────────┐
│                  │  By an email or fax│                  │    Via AMHS        │                  │
│  Data Providers  │ ─────────────────▶ │   NOF Office     │ ─────────────────▶ │     Users        │
│                  │                    │                  │                    │                  │
└──────────────────┘                    └──────────────────┘                    └──────────────────┘
```

What is SWIM?

System Wide Information Management (SWIM) is a framework developed to improve information sharing within aviation systems.

SWIM provides a digital platform for exchanging standardized information among all stakeholders involved in air travel and airspace management including air traffic controllers, airlines, airports, meteorological services and other entities.

SWIM Technical Infrastructure

Consists of sets of standards, technologies, and systems that enable seamless information exchange across the aviation industry,

Network
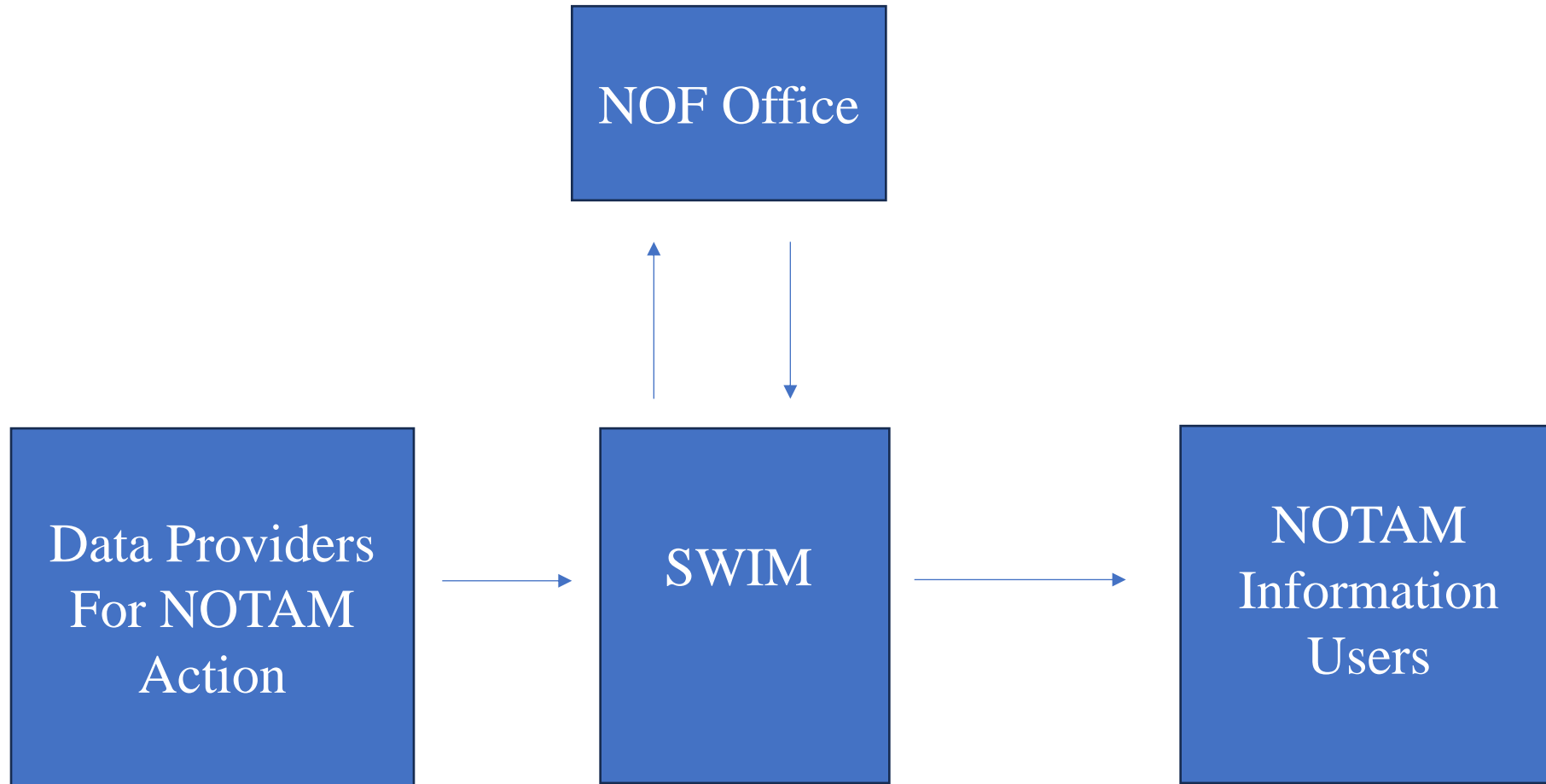# Information exchange model
Security
User Interfaces

SWIM Information Service

SWIM Information Service is a service designed to facilitate seamless exchange of aviation-related data among stakeholders.

It ensures that accurate and up-to-date information is shared efficiently, and continuously, enhancing decision-making and collaboration in aviation.

Stakeholders can subscribe to specific information services such as information on airspace, airport operations real-time flight updates and status.

Use case address in SWIM environment

Benefits from SWIM environment

Reduce manual workload
Reduce human error
Improve operational safety

GAP/ISSUES transiting to SWIM environment

#Integrating to existing systems
#Regulatory and Policy Issues
#Data Standardization
#Training and Skill gaps

Thank You