Data Sharing and ATFM

Teri Bristol
Chief Operating Officer, FAA
A Growing Need for ATFM Collaboration

Mexico + Caribbean + Central America + South America

= 35.4% of all inbound and outbound international travel to and from the U.S. (data from 2016)
CANSO Members Sign CADENA Agreement

CADENA -- CANSO Air Traffic Flow Management Data Exchange Network for the Americas

CADENA is connecting regional States for more seamless operations
CADENA – Big Step Toward Regional ATFM

CADENA enables regional information exchange among:

- Regional ANSPs
- ICAO
- IATA
- Latin American and Caribbean Air Transport Association (ALTA)
- Airports Council International (ACI)
- Airlines, Airports, and other stakeholders
CADENA Improves Common Situational Awareness

- CADENA has implemented both regularly scheduled and tactical web conferences
- An automated Operational Information System (OIS) is a significant milestone
- These capabilities improve common situational awareness and collaborative decision making
TFM Data Visibility Is Still Needed
Connecting to the FAA’s System Wide Information Management

Industry

Airlines

Non-FAA Government Entities

Academia & Research

International ANSPs

Airports, FAA Facilities

Trinidad & Tobago
Global SWIM on the Horizon

• Regional SWIM connectivity will provide a cost-effective way of conducting data exchange and establishing common situational awareness

• This can be a model for how a Global SWIM capability can be achieved.
Air Traffic Data Exchange Today
Air Traffic Data Exchange Tomorrow

Global SWIM

SWIM
“Coming together is a beginning. Keeping together is progress. Working together is success.”

-- Henry Ford, U.S. Automaker