SWIM Users Forum – Session # 2

Federal Aviation Administration

By: Jeri Groce - SWIM PMO

To: STDDS Consumers

Date: March 12, 2015
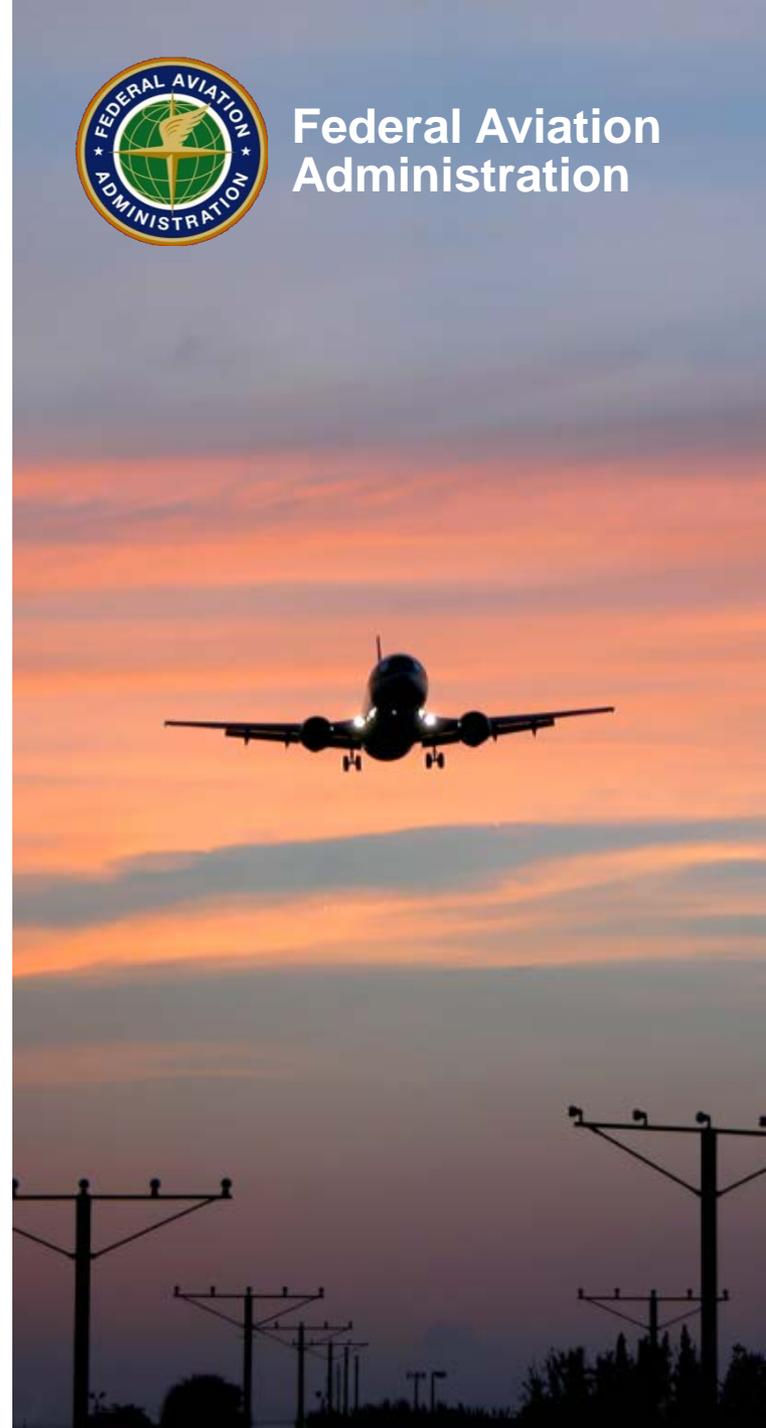
User Forum Logistics

- **Date:**
  - March 12, 2:30 pm – 4:00pm
- **Location:**
  - Noblis Lakes Conference Rm – A&B
- **Go-to-Meeting:**
  - Please register for "SWIM Users Forum" at: https://attendee.gotowebinar.com/register/77149392 05210279426
- **User Forum briefing distributed via invitation & Webinar**

Topics

- **Review of Questions & Answers from last forum**

- **Overview of the SWIM Help Desk, aka SWIM Operations Function (SOF)**

- **Update on ASDE-X SD Transition**

- **Update on RVR-DF Transition**

- **Review of NSRR**

- **Users Discussion/Feedback**

SWIM Operations Function

- **SWIM Operations Function (SOF) defined through joint effort between SWIM PO and NEO/NEMC in 2013**

  - **Basic requirement to create a single FAA POC for SWIM customers to triage issues with SWIM SOA data flows**
    - Provide notification on scheduled/unscheduled maintenance actions that may impact customer data
    - Operations response desk for internal/external customer calls/inquiries on status of SWIM SOA services & data flows
    - Check available monitoring to determine who needs to be engaged to expedite problem resolution
    - Log and track all issues using RMLS/Event Manager
    - TOCC for all NEMS "L7" type and related NESG "SG" and OPIP "IP" services

Enterprise Services Team

- **NEO stood up an Interim Enterprise Services Team on Oct. 26th to begin handling the SWIM Operations Function**
  - Consists of four FAA employees, two contract support personnel, and one NEMC SSC Manager
    - Watch coverage is 12x5, 6am-6pm, Monday-Friday
    - Call-out availability 6pm-6am and weekends (*de facto 24x7*)
  - Coverage expanding as additional personnel are hired and trained
  - Target date for expansion to **FULL** 24x7 coverage is ~April 2015

- **Contact information:**
  - **1-855-FAA-NEMC** (*855-322-6362*)
    Option #3, "Enterprise Services" for phone support
  - **NEO-ES@faa.gov** for email support

Enterprise Services Team Tools

- **NEMC Help Desk tools:**
  - Network Management and Operations (NMO) GUI
  - SWIM Visualization Tool (SVT)
  - Raytheon-developed STDDS Status Monitor
  - Volpe-developed STDDS/SVT Status Monitor
  - NAS Enterprise Messaging Service (NEMS) UI tool – recently deployed

NMO UI Dashboards

NEMS UI Hosts View

NEMS UI Messages Received

NEMS UI Messages Received

Update on ASDE-X SD transition

- **Not all clients are transitioned, but**
- **No more dependency on the legacy data**
- **Legacy feed is being dismantled in March**

- **Thanks to all who worked hard to transition!**

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Update on RVR-DF transition

- **Approximately 25 clients to transition**
- **FAA EES team is coordinating the transition**
- **Work has begun on the transtion**
- **Target date to complete transition: November 2015**

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NSRR

- **NAS Service Registry/Repository**
- **URL: https://swimrep.faa.gov/soa**
- **Request an Account**
  - Affiliation: FAA, FAA Contractor, FAA Business Partner
  - Access Type: Read-Only
- **Account created within "a few days"**

NSRR Demo

NSRR Demo

- **NSRR Service Catalog Browser**
  - Filtering
  - Favorites
  - Lifecycle Stage

- **4 STDDS Services**
  - STDDS Airport Data
  - STDDS Surface Movement Event
  - STDDS Terminal Automation Information
  - STDDS Tower Departure Event

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NSRR Demo (cont'd)

- **STDDS Services Documentation**
  - Generally the same for all 4 services
    - Exceptions primarily with TAIS, which is still in Development
  - Currently about 13 documents
  - Some oriented towards FAA needs/processes
  - Others oriented towards service consumers

NSRR Demo (cont'd)

- **STDDS Documents to highlight:**
  - STDDS Site Data Availability.xls
    Table showing which airports supply which STDDS data

  - STDDS_WSDD_R3.1.docx
    Web Service Description Doc, provides details of the XML messages and their data elements

  - STDDSExternalInterfaces.zip
    The XML message schemas (XSDs)

  - NEMSTopicClient_v1.02.tar.gz
    Sample client code

  - TAIS Sample Data.zip (in TAIS catalog only)
    Sample data from STARS (future service)

NSRR Demo (cont'd)

- **Future NSRR changes:**
  - Planned:
    - Sample data for all STDDS services (soon)
    - WSDD -> JMSDDs   (R3.2 drafts ~Jun'2015)
    - Release notes   (R3.2 draft ~Jun'2015)
  - Ideas:
    - Better segregation of internal and external files
    - A cleaner interface

Users Feedback

- **User role call – Feedback discussion**