

Questions/Answers of the Federal Aviation Administration (FAA) System Wide Information Management (SWIM) Industry Collaboration Workshop and SWIM Industry-FAA Team (SWIFT) Meeting #16

November 10, 2021

Microsoft Teams Webinar Conferencing System Virtual Event

1. Welcome and Announcements:

- 1.1. *Is TFMS Technical Webinar open to public?*
 - 1.1.1. TFMS Webinar is available to industry and airlines that use TFMS services, such as, TFMDData, etc. hence, it's intended for those approved for access to the TFMS service.
- 1.2. *Does the API connect you to SWIM or directly to NOTAMs?*
 - 1.2.1. The API gets the NOTAM data from SWIM.
- 1.3. *The FAA is not publishing all NOTAMs in AIXM5 format. Some NOTAMs are still in text format. Correct?*
 - 1.3.1. All NOTAMs are published in AIXM 5.1, digital NOTAMs are more verbose, but free-text NOTAMs are mostly notam events, but all of them are in AIXM 5.1.
- 1.4. *How can I subscribe to FAA Airspace Information (Airports, FIR, Airways, Waypoints) in AIXM5 format?*
 - 1.4.1. For airports and other information AIXM, please visit the provided link: <https://nfdc.faa.gov/nfdcApps/> or wait for upcoming Aeronautical Common Service (ACS) update from SWIM.
- 1.5. *Where can I find more information on the FAA API enterprise work. Does the FAA provide guidance on APIs that they would like to have available?*
 - 1.5.1. For additional information about the NOTAMs API implementation, feel free to reach out to Jeri.Groce@faa.gov, or vinod@raddhigroup.com.

2. FAA NAS Producer Program: TFDm Update

- 2.1. *Since TFDm will actively consume TFMS data, will TFDm publish the TFMS' flight ID (flightRef) of the flights in its messages to facilitate flight matching by consumers?*
 - 2.1.1. The TFDm TTP Flight Data service does include the TFMS ID.
- 2.2. *How does TFDm determine the TXO times between gates and runways? Will static values be used?*
 - 2.2.1. TFDm TTP Flight Data is based on historic data which use static values, updated over time.
- 2.3. *Will all gate assignments have a value for all flights? Or will some be blank if not provided by AOC?*
 - 2.3.1. There will be default gate values for flights where it is adapted. For the best results, the AOC should look to provide the data.
- 2.4. *Does the Airport Information in the TTP Business Functions contain the data currently available in the Digital-Terminal Procedures Publication aka NFDC data?*
 - 2.4.1. No, TFDm TTP does not include that data.
- 2.5. *Is the NFDC Airport Data available yet as an API or XML file versus scraping it from the AIS site? If not, timeline for availability?*
 - 2.5.1. NFDC Airport data is not part of TTP/TFDM so we can't really speak to timelines and availability. However, TTP data will be published in XML for the users/consumers. If you'd like to follow up, please feel free to send an email to Lidiya.Gavrilenko@faa.gov and Christopher.D.Swol@faa.gov for additional information.
- 2.6. *Where was the link to those DIP workshops?*

2.6.1. NASA DIP sub-project is hosting workshop series. For more information and access to the NASA DIP project, please visit the provided link: <https://nari.arc.nasa.gov/atmx-dip>.

3. Automation Evolution Strategy

3.1. *How do you plan to keep up with the integration of dozens or hundreds of different services and microservices especially since one service may rely on another?*

3.1.1. That will be a challenge. Couple of things on this slide that address that are the "Enterprise/Data Architect Role" and capabilities for API Management.

3.2. *Is the Data Fuser NASA developed for ATD-2 available as open source?*

3.2.1. Yes - the Data Fuser that NASA developed for ATD-2 is available as open source on GitHub, for more information and access to the ATD data, please visit the provided link: <https://github.com/nasa/atd2-fuser>

3.3. *Is there a Teams group or newsletter for this initiative? Or can we expect another update at SWIFT 17 on how to get engaged as industry?*

3.3.1. We will continue to work with the Automation Evolution team to stay engaged with updates for industry.

4. SWIM Web – SCDS, Portal and ESCS Updates

4.1. *Are sensitive data fields available via SCDS? If not, is that capability planned in the future?*

4.1.1. Sensitive data does not go through SCDS and is currently being considered and planned for authorized users via ESCS.

4.2. *With the availability of the Portal will the Scheduled Outage Notification and Return to Service emails go away? Or will we have the ability to choose which notifications to receive at some point?*

4.2.1. Currently notifications are not planned to be removed.