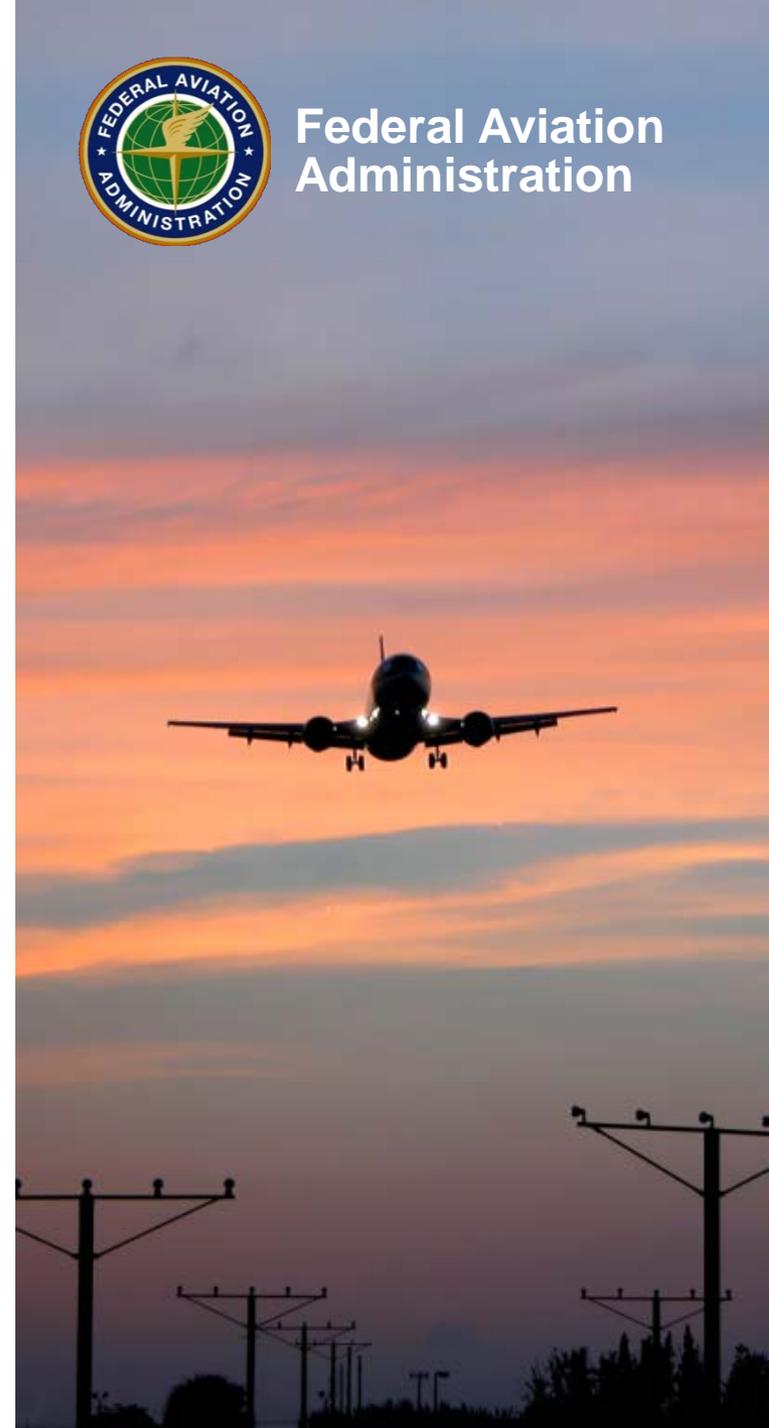


SWIM Users Forum – Session # 4



Federal Aviation
Administration

By: SWIM Program Office
To: SWIM Consumers
Date: June 11, 2015



User Forum Logistics

- **Date:**
 - June 11, 2015 - 2:30 pm – 4:00pm
- **Location:**
 - Noblis Lakes Conference Rm – A&B
- **Go-to-Meeting: Please register for “SWIM Users Forum” at SWIM Website:**
- http://www.faa.gov/nextgen/programs/swim/users_forum/, <http://1.usa.gov/1HyD6SW>
- **User Forum briefing distributed via invitation & on SWIM website**
(www.faa.gov/nextgen/programs/swim/user-forum)



Agenda

- **User Forum Overview & Program Updates**
 - Jeri Groce/Chris Pressler
- **External Consumer Access to SWIM**
 - Jeri Groce/Chris Pressler
- **STDDS Release 3.2**
 - Jeri Groce/Julia Korey
- **RVR**
 - Jeri Groce/Julia Korey
- **TFMData (old ASDI)**
 - Chris Pressler
- **SFDPS Updates**
 - Chris Pressler
- **SWIM 90 day Calendar**
 - Jeri Groce
- **Open Discussion – All**



SWIM Users Forum - Overview

- **Purpose:** Monthly forum for SWIM Users to obtain program updates, provide feedback, obtain answers to SWIM related questions or data concerns
- **Scope: SWIM Portfolio of Services**
 - Aeronautical Data
 - Flight and Flow Data
 - Weather Data



SWIM Users Forum - Overview

- **Forum Participation:**

- NAS and non-NAS consumers

- Airlines, Industry service providers, research & development, FAA Programs, Airports
- Average 70 – 90 attendees: 1st three sessions

- **SWIM Resources:**

- SWIM website: <http://www.faa.gov/nextgen/programs/swim/>
- NSRR: <https://swimrep.faa.gov/soa>
- SWIM Help Desk:
 - **1-855-FAA-NEMC** (855-322-6362)
Option #3, “Enterprise Services” for phone support
 - NEO-ES@faa.gov for email support



External Consumer Access

Presented by:
Jeri Groce/Chris Pressler



Topics

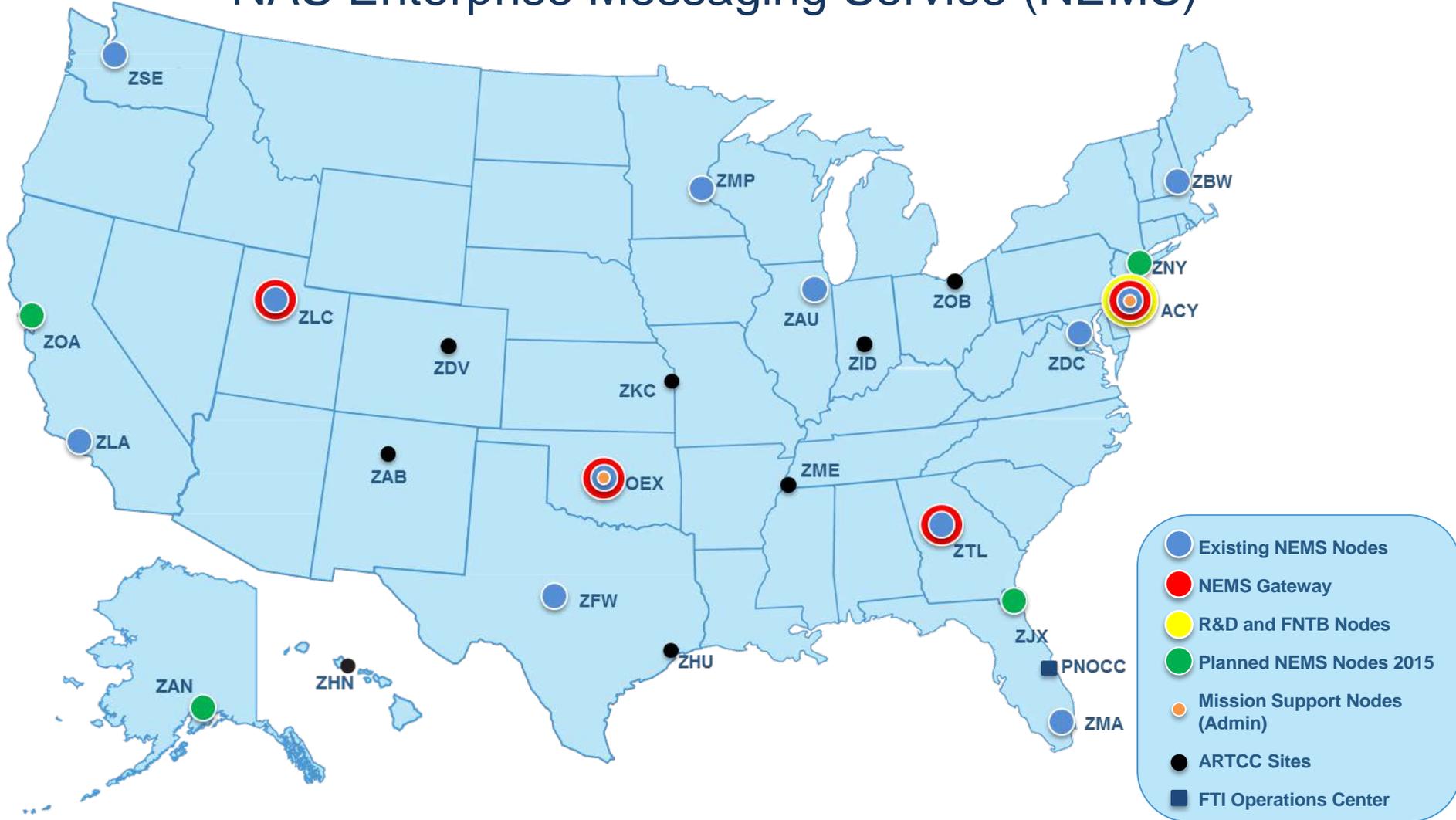
- **SWIM Background**
- **Data Product Availability**
- **Becoming a SWIM Consumer**



SWIM Background and Benefits

- **Replaces unique interfaces with modern standards-based data exchange**
- **Provides stakeholders with access to FAA data without having to connect directly to individual systems**
- **Facilitates leveraging a single interface to receive multiple data products**
- **Establishes a single point of contact for FAA data**
- **Establishes Enterprise Help Desk for SWIM operational consumer calls**
- **More information provided at:**
 - <http://www.faa.gov/nextgen/swim>

SWIM Infrastructure Deployment NAS Enterprise Messaging Service (NEMS)



SWIM Data Product Availability (Current)

Access Agreement Portal at <http://www.data.faa.gov> to register and request access.

Producer	Description	NSRR Business Service Name	Data.faa.gov
ITWS	Integrated Terminal Weather System (ITWS) provides a variety of weather information in graphic and textual forms, such as wind shear and microburst predictions, storm cell and lightning information, and terminal area winds aloft	SWIM ITWS Subscription	Integrated Terminal Weather
TFMS	Traffic Flow Management (TFMS) will provide Aircraft Situation Display (ASDI) data, which will include aircraft scheduling, routing, and positional information	TFMData: Flight Data	Traffic Flow Management Data
		TFMData: Flow Data	
STDDS	SWIM Terminal Data Distribution System (STDDS) provides surface movement data (ASDE-X), Runway Visual Range (RVR), and a variety of departure event data	Surface Movement Event (SMES)	Surface Movement Event
		Airport Data (APDS)	Airport Data
AIM FNS	Provides Notice to Airmen (NOTAMs)	FNS NOTAM Distribution	Digital Notice to Airmen (NOTAMs)
SFDPS	SWIM Flight Data Publication Service (SFDPS) will provide a variety of En Route flight data, such as flight plans, beacon codes, and handoff status. SFDPS will also disseminate data regarding airspaces, such as Sector configuration data, route status, Special Activity Airspace (SAA) status, and altimeter settings.	En Route Flight Data Publication	En Route Flight and Related Data
		En Route Airspace Data Publication	
		En Route Operational Data Publication	
		En Route General Message Publication	



SWIM Data Product Availability (Future)

Products scheduled for consumption by external entities and listed on the Access Agreement Portal in 2016 or beyond.

Producer	Description	NSRR Business Service Name
AIM-M Segment 2	AIMM Segment 2 (S2) will modernize the ingestion, integration, management, and distribution of aeronautical information (AI) by establishing the Aeronautical Common Services (ACS) and a one-stop-shop (OSS) customer portal. ACS and OSS will streamline dissemination and updates to Airport reference and configuration data, SAA/ SUA, FNS, and other types of AI information.	TBD
AIM SAA	Provides Airport reference and configuration data, including: definitions and schedule information for Special Activity Airspace (SAA), Temporary Flight Restriction (TFR), procedure (RNAV/RNP) data, and obstacles.	Get Static SAA
		SAA Operational Schedule
		SAA Schedule Notification
CSS-Wx	CSS-Wx will modernize, centralize and streamline distribution of weather within the NAS. CSS-Wx will replace with NEMS-based SOA Services existing data feeds from ITWS, CIWS, EWD, WMSCR, and WARP.	TBD

SWIM Data Product Availability (Future)

Products scheduled to be available for consumption by external entities and listed on the Access Agreement Portal in 2016 or beyond.

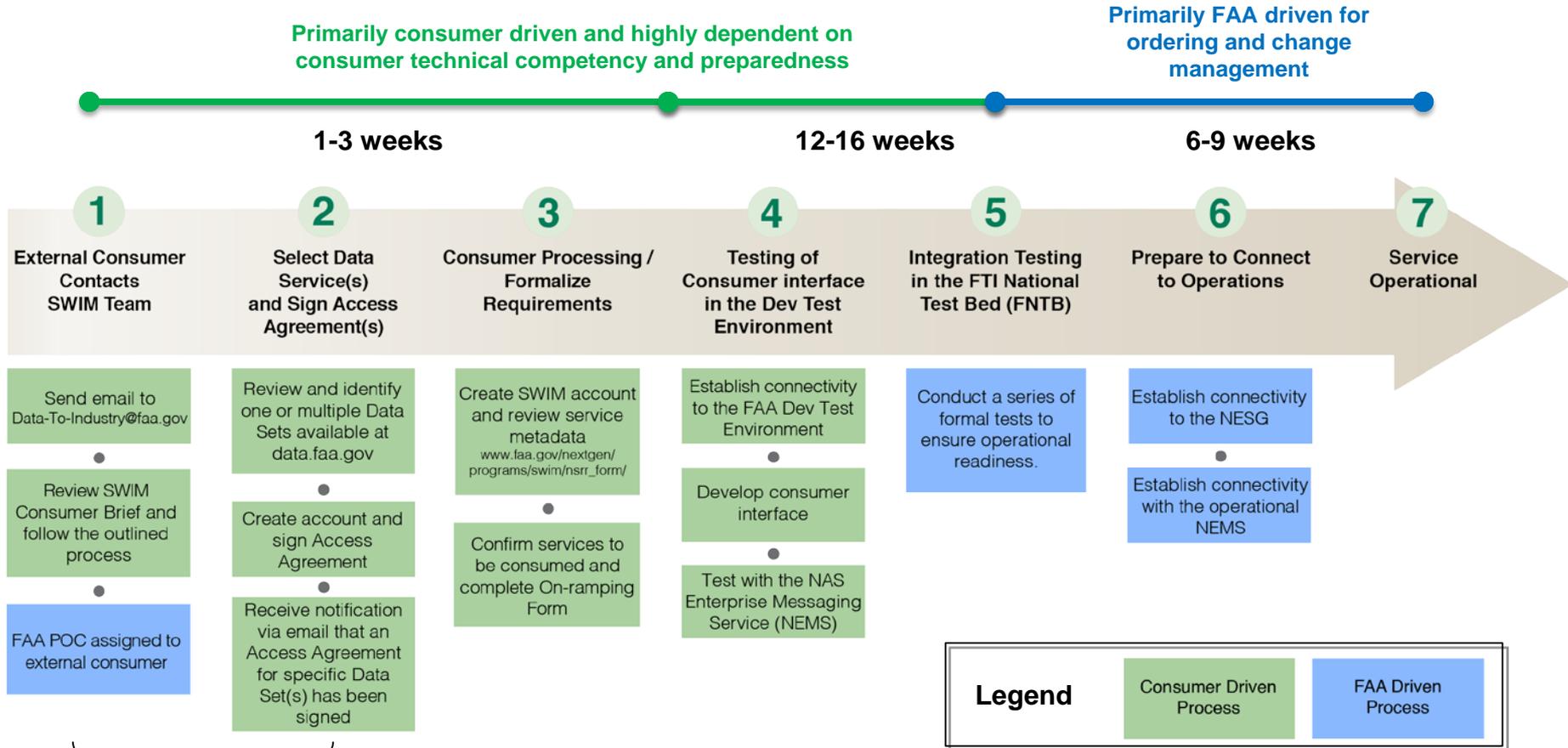
Producer	Description	NSRR Business Service Name
STARS/ STDDS	Disseminate Standard Terminal Automation Replacement System (STARS) data via the NEMS	Terminal Automation Information Service (TAIS)
TBFM	Time Based Flow Management (TBFM) will provide a variety of aircraft metering information, airport configuration and adaptation data.	TBFM Metering Publication
TFDM	Terminal Flight Data Manager (TFDM) will provide a variety of Airport information, Surface and flight data, and flow information	TBD
WMSCR	The Weather Message Switching Center Replacement System (WMSCR) collects, processes, stores, and disseminates textual aviation weather products such as PIREPs and Altimeter data.	Publish PIREP
		Publish Altimeter Setting
		WMSCR Report Retrieval Service

Getting connected

- **Top consumer things to do:**
 - Obtain authorization to receive the data
 - Develop SOA client
 - Connect and test with SWIM



Process for New External Consumers



Note: Steps are not necessarily serial

Step1: Process Kick-off

- **Send an email to Data-To-Industry@faa.gov as soon as possible**
 - Upon receipt of email, FAA will assign a POC to address questions and escalate issues
- **Tips to Consumers**
 - Sending the email is a critical step in the process
 - Reach out to the FAA POC with questions
 - Your POC will review steps and timelines associated with on-ramping



Step 2: Data Catalog and Access Agreement

- **NAS Data Release Board (NDRB)**
 - All NAS data available for external distribution is cataloged in data.faa.gov
- **Tips to Consumers**
 - Create an account at data.faa.gov and sign Access Agreement
 - You will receive an email with your signed copy of the Access Agreement
 - Keep this Access Agreement copy for your records

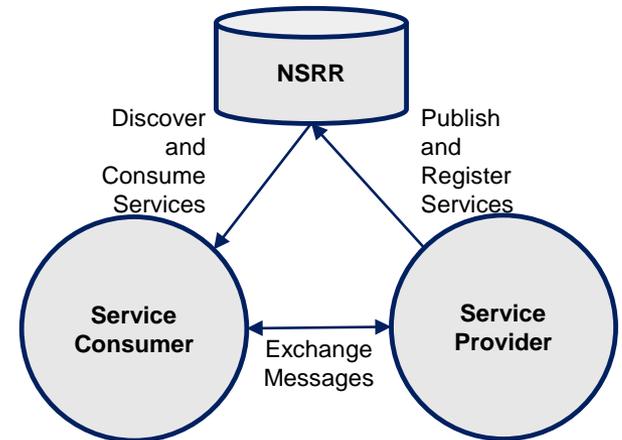
Step 3: Service Requirements

- **NAS Service Registry/Repository (NSRR)**

- Purpose: The NAS Registry and Repository (NSRR) contains the “read-me-first” documents needed to develop Consumer interfaces (e.g. Web Service Description Documents (WSDD), JMS description Documents (JMSDD), WSDLs, XML schemas, etc.).
- SWIM Governance Policies can be found at:
 - <http://www.faa.gov/nextgen/programs/swim/governance/standards/>
- FAA POC works with consumer to complete on-ramping form

- **Tips to Consumers**

- Prior to client development review NSRR for supporting product documentation
- Allow 2 business days for account creation
 - http://www.faa.gov/nextgen/programs/swim/nsrr_form/



Steps 4-6: Establish Connectivity

- **Review the “*FTI NBPS User Guide*” Document**
 - Understand Section 4 - connection options and availability
 - Understand Section 5 - External End-User Security Responsibilities
 - Understand Section 7 - VPN Technical Requirements
- **Provide the following information to FAA POC**
 - IP Addresses
 - External IP Address of VPN Concentrator
 - IP Addresses of systems that will be accessing the FAA
- **FAA POC provides information for connectivity**
- **Tips to Consumers**
 - Identify critical staff (Network administrator and Security administrator)
 - VPN experience
 - Understanding of consumer network, IP addressing, and change management
 - Understanding of any existing connectivity to the FAA
 - Configure VPN prior to VPN Technical Call
 - Verify internal network routing
 - Configure or update encryption domain
 - Map entire subnets for the NEMS servers rather than unique IP addresses



Step 4: Client Development in the Dev Test Environment

- **First time External Consumers connect to Dev Test Environment**
- **Tips to Consumers**
 - Start client development in parallel with connectivity to Dev Test Environment
 - Review the NEMS User Guide
 - Determine JMS Client Type as early as possible
 - Identify critical staff to facilitate development
 - Identify experienced Java Message Service (JMS) Developer
 - Review the SWIM Jump start kit
 - To avoid client development process, consider licensing JMS client from third party
 - Work with POC to determine optimum failover testing

Step 5: FAA FTI National Test Bed (FNTB)

- **External Consumers are required to connect to the FNTB**
 - Establish connectivity to the FNTB Domain
 - Perform FNTB consumer qualification testing with the FNTB NEMS environment
 - Required prior to deploying in the operational NAS environment
 - FNTB qualification ensures that consumer has connectivity and is able to receive messages via NEMS
 - Determine if your desired operational connectivity approach requires additional testing in the FNTB
 - Perform failover tests

Note: Consumers with FNTB verified JMS clients will not need re-verification for additional JMS services.

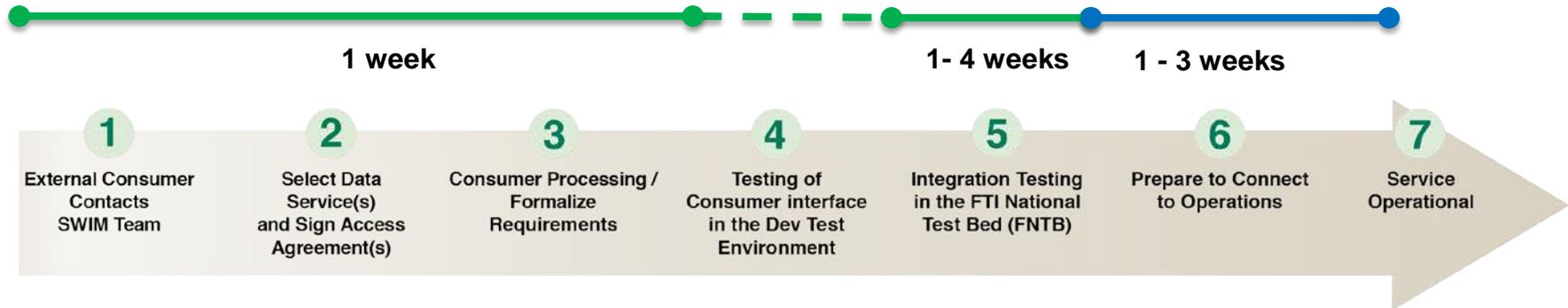
Step 6 and 7: Prepare for Operations and On-Going Support

- **Preparing for Cutover**
 - FAA POC will coordinate your connection and cutover, including status checks, contact information for subject matter experts
- **After transition to Operational Environment**
 - The Network Enterprise Management Center (NEMC) will serve as the SWIM helpdesk for Consumers that have been cut-over to Production
 - NEMC Contact Information:
 - 855-FAA-NEMC (855-322-6362)
 - Use option 3 for Enterprise Services
 - 24/7/365
- **Join the SWIM Users Forum**
 - Program updates/schedules

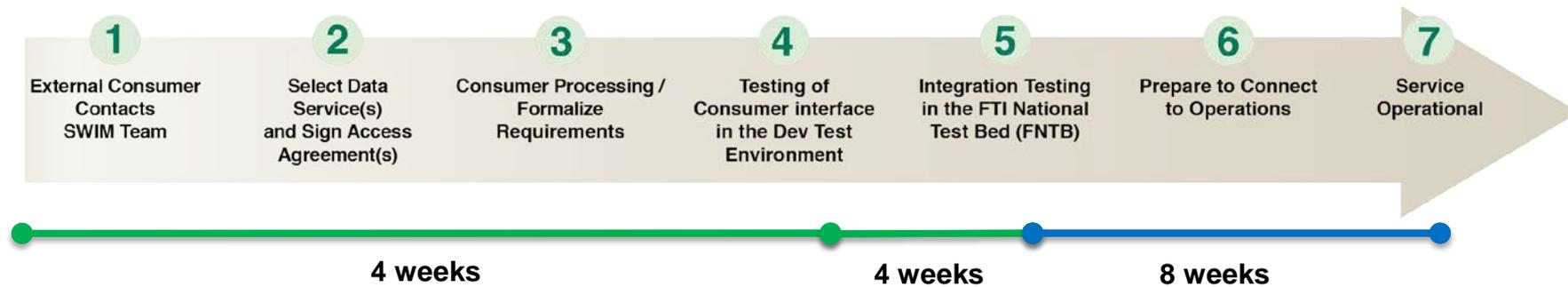


Process for Existing Consumers

- **Timeline is shorter for existing consumers:**
 - No new API Development
 - Existing Connection to the Gateway
 - Minimal integration with the consumer's back-end systems

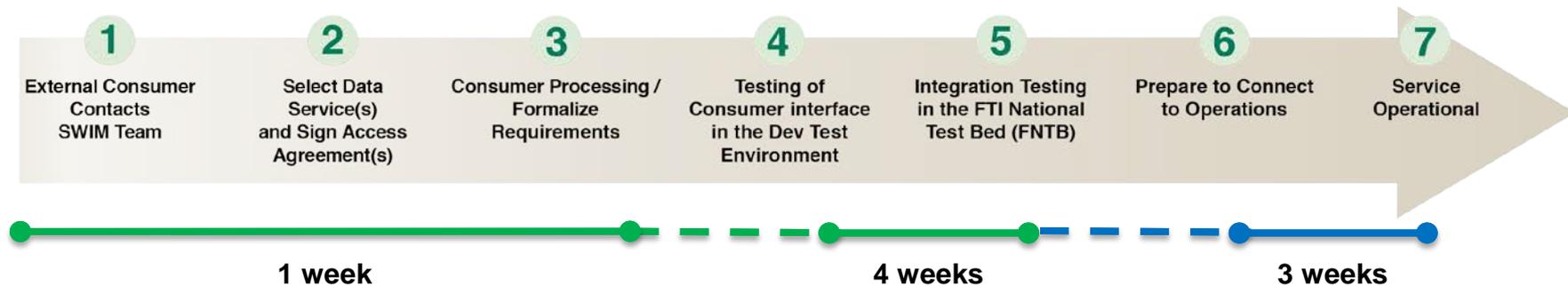


Example of Success (New Consumer)



- Consumer sent email to Data-To-Industry@faa.gov
- Kick-off meeting was held in late March
- VPN configuration information for R&D was received SOA Client was in development in parallel to establishing connectivity
- Client emerged from R&D in late April
- Client emerged from FNTB in late May
- Client scheduled for operational implementation in mid to late June

Example of Success (Existing SWIM User)



- Consumer contacted Data-To-Industry@faa.gov upon receipt of outreach email regarding ASDI transition
- Consumer had transitioned to SWIM for ASDE-X
 - Maintained VPN configurations
 - Understood FAA environment
- Consumer began backend integration soon after they signed the TFMDData Access Agreement available on data.faa.gov (March)
- Consumer transitioned to TFMDData in Operations in April

Summary (Top Things to do!!)

- Attend the monthly Traffic Flow Management forum
- Attend the monthly SWIM User forum (second Thursday of every month)
- Review documentation as early as possible
- **Contact the FAA and establish an agreement!!**
- **Establish connectivity and build your SOA client**
- **Connect and Test with SWIM in R&D and FNTB**
- Get connected!!
- Reach out to the FAA POC with questions

Backup Slides



Pre-Operational Deployment Key Contacts

- Your organization will be provided both a primary and backup POC upon entry into the external consumer on-ramping process

Mailbox: Data-To-Industry@faa.gov

- Alex Prikhodko Alexander.ctr.prikhodko@faa.gov
- Brandon Wang Brandon.ctr.wang@faa.gov
- David Wickes David.ctr.wickes@faa.gov
- Wendy Swartz Wendy.ctr.swartz@faa.gov
- Rob Johnson Robert.ctr.johnson@faa.gov
- Michelle Sreedharan Michelle.ctr.sreedharan@faa.gov



FAA Documents and Links

SWIM Background

<http://www.faa.gov/nextgen/swim>

Access Agreement Portal

<http://data.faa.gov>

NSRR Account Request Form

http://www.faa.gov/nextgen/programs/swim/nsrr_form/

SWIM Jumpstart Kit v4.3

http://www.faa.gov/nextgen/programs/swim/documentation/media/swim_standards/JumpstartR4.zip

FTI NBPS User Guide Volume II- For Non-NAS Users

http://www.faa.gov/nextgen/programs/swim/documentation/media/user-guide/FTI_NBPS_User_Guide.pdf

SWIM NEMS User Guide

http://www.faa.gov/nextgen/programs/swim/documentation/media/user-guide/SWIM_NEMS_User_Guide.pdf

VPN Technical Requirements (excerpt from FTI NBPS User Guide Volume II- For Non-NAS Users)

http://www.faa.gov/nextgen/programs/swim/documentation/media/user-guide/VPN_Technical_Requirements.pdf

Consumer On-Ramping Form

http://www.faa.gov/nextgen/programs/swim/documentation/media/user-guide/External_Consumer_On-Ramping_Form_Template.xls

Current SWIM Consumers

Airports, FAA Facilities, & FAA Programs		Airlines	
Boston Consolidated TRACON Viewer MS	ASDE-X / all airports	American Airlines	ASDE-X
ATCSCC	ASDE-X	FedEx	ASDE-X / MEM
Atlanta Airport Authority	ASDE-X	JetBlue	ASDE-X
ATO Safety	STDDS (ASDEX, ISMC, ASDE-X, RVR)	United Airlines	ASDE-X
BOS	ASDE-X	USAIR	ASDE-X
Chicago Consolidated TRACON	ASDE-X	UPS	ASDE-X
CIWS	WMSS NEXRAD /all radar		
CRCT	ASDE-X / LGA, EWR, JFK	Kent State	CIWS / all products
ELG Viewer MS	ASDE-X	MIT - Lincoln Labs	ASDE-X, NEXRAD, ITWS
I90A Viewer MS	ASDE-X	MITRE	ASDE-X, TFMDData, RVR
N90 Viewer MS	ASDE-X	Volpe	ASDE-X, ITWS, TBFM, TFMDData, FDPS
NCT Viewer MS	ASDE-X		
NEMC	FDPS, STDDS	Industry	
OASIS	HWDS	Alliance	ASDE-X
PCT Viewer MS	ASDE-X	Embry Riddle	TFMDData, ASDE-X
PDARS	TDES	FlightAware	TFMDData, ASDE-X
SDFZ Viewer MS	ASDE-X	Metron	ASDE-X
SOSC	STDDS	Lockheed Martin	ASDE-X/ ATL, CLT, MSP, DTW, BOS, IAD, LAS
Southern California TRACON	ASDE-X	MOSAIC ATM	ASDE-X, TFMDData
TBFM	CDDS	Passur	TFMDData, ASDE-X, TBFM
WARP	Enhanced WINS, HWDS	Raytheon	ASDE-X
ZLA Viewer MS	ASDE-X	Rockwell Collins	CIWS / all products
ZNY Viewer MS	ASDE-X	Sabre	ASDE-X, ITWS, TFMDData, RVR
Non FAA Government Entities		Saab Sensis	ASDE-X
DAIP	AIM FNS	Thales	TFMDData, RVR, ASDE-X, ITWS
Seattle Port Authority	ASDE-X	WSI	ASDE-X, TFMDData, RVR

Current SWIM Product Portfolio (1 of 2)

Aeronautical Data

Aeronautical Information Management (AIM) Special Use Airspace (SUA) Data Exchange: Provides notification and status regarding airspace

- ✓ SUA data, dynamically provided in the Aeronautical Information Exchange Model (AIXM)
- ✓ AIXM SUA definitions standard

Notices to Airmen (NOTAM) Distribution Service

- ✓ Digital NOTAMs AIXM 5.1

Flight and Flow Data

Time Based Flow Management (TBFM): Provides metering information

- ✓ Scheduled Time of Arrival (STAs)
- ✓ Estimated Time of Arrival (ETAs)
- ✓ Meter Reference Elements (MREs) Assignments
- ✓ Airport configuration information
- ✓ Satellite airport configurations

Traffic Flow Management System (TFMS): Provides flight data and flow information

- ✓ Flow Constrained Area (FCA) / Flow Evaluation Area (FEA)
- ✓ Airspace Flow Program (AFP)
- ✓ Aeronautical Situational Display to Industry (ASDI)
- ✓ Ground Delay Program (GDP) / Unified Delay Program (UDP)
- ✓ Ground Stops (GS)
- ✓ Reroutes
- ✓ Advisories
- ✓ Collaborative Trajectory Options Program (CTOP)

SWIM Terminal Data Distribution Systems (STDDS): Collects and publishes data from 100+ airports

- ✓ Airport Surface Detection Equipment, Model X (ASDE-X) streaming data service and Runway visibility data
- ✓ Surface Movement Events (SME)
- ✓ Runway Visual Range (RVR) Data
- ✓ Tower Departure Events (TDE)

SWIM Flight Data Publication Service (SFDPS): Provides flight data and updates to clients for filed and active flight plans

- ✓ Flight Plan information
- ✓ Flight Amendment Information
- ✓ Converted Route Information
- ✓ Cancellation Information
- ✓ Departure Information
- ✓ Aircraft Identification Amendment Information
- ✓ Hold Information
- ✓ Progress Report Information
- ✓ Flight Arrival Information
- ✓ Flight Plan Update Information
- ✓ Expected Departure Time Information
- ✓ Position Update Information
- ✓ Tentative Flight Plan Information
- ✓ Tentative Aircraft identification Amendment Information
- ✓ Tentative Flight Plan Removal
- ✓ Tentative Flight Plan Amendment Information
- ✓ Track Information
- ✓ Drop Track Information
- ✓ Interim Altitude Information
- ✓ Automated Radar Terminal System (ARTS) Flow Control Track/Full Data Block Information
- ✓ Beacon Code Reassignment
- ✓ Beacon Code Restricted
- ✓ Full Data Block (FDB) Fourth Line Information
- ✓ Point Out Information
- ✓ Inbound Point Out Information
- ✓ Handoff Status

Airspace Data Publication Service:

- ✓ Sector Assignment Status
- ✓ Route Status
- ✓ Special Activities Airspace (SAA)
- ✓ Altimeter Setting

Operational Data Publication Service:

- ✓ Traffic Count Adjustment
- ✓ Instrument Approach Count Adjustment
- ✓ Sign In Sign Out
- ✓ Beacon Code Utilization
- ✓ Geographic Beacon Code Utilization

General Information Message Publication Service:

- ✓ General Information



Current SWIM Product Portfolio (2 of 2)

Weather Data

Integrated Terminal Weather System (ITWS) Data Publication: Provides specialized weather products in the terminal area

- ✓ Configured Alerts
- ✓ Forecast Accuracy
- ✓ Forecast Contour
- ✓ Forecast Image
- ✓ Gust Front TRACON Map
- ✓ Microburst TRACON Map
- ✓ Precipitation 5nm
- ✓ Precipitation Long Range
- ✓ Precipitation TRACON
- ✓ Storm Motion (SM) Storm Extrapolated Positions (SEP) 5nm
- ✓ SM SEP Long Range
- ✓ SM SEP TRACON
- ✓ Terminal Weather Text Normal
- ✓ Tornado Alert
- ✓ Tornado Detections Wind Profile
- ✓ Anomalous Propagation (AP) Indicated Precipitation
- ✓ AP Status
- ✓ Gust Front Estimated Time to Impact
- ✓ Hazard Text 5nm
- ✓ Hazard Text Long Range
- ✓ Hazard Text TRACON
- ✓ ITWS Status Information
- ✓ Microburst Automatic Terminal Information Service (ATIS)
- ✓ Runway Configuration
- ✓ Storm Motion 5NM
- ✓ Storm Motion TRACON
- ✓ Terminal Weather Text Special
- ✓ Wind Shear ATIS

Corridor Integrated Weather System (CIWS) Data Publication*: Provides specialized 3D storm related weather information in the Enroute area

- ✓ Vertically Integrated Liquid (VIL) Mosaic (1km resolution)
- ✓ VIL 2-hr. Forecast
- ✓ Echo Tops Mosaic (1 km resolution)
- ✓ Echo Tops 2-hr. Forecast
- ✓ Satellite Mosaic
- ✓ Storm Info: Echo Top Tags
- ✓ Storm Info: Leading Edges
- ✓ Storm Info: Motion Vectors
- ✓ VIL Forecast Contours (Std. Mode)
- ✓ VIL Forecast Contours (Winter Mode)
- ✓ Echo Tops Forecast Contours
- ✓ Growth & Decay Contours
- ✓ Forecast Accuracy: Echo Tops
- ✓ Forecast Accuracy: Std. Precip
- ✓ Forecast Accuracy: Winter Precip

Weather Message Switching Center Replacement (WMSCR) Publications: Provides NWS textual aviation weather products

- ✓ Transmission of Voice Pilot Reports (PIREPs) to WMSCR
- ✓ Stored PIREPs
- ✓ Altimeter settings

Enhanced Weather Information Network System

- ✓ Current Icing Product (CIP)
- ✓ Weather Research and Forecasting-Rapid Refresh (WRF-RR) Model Data
- ✓ North American Mesoscale (NAM) Model Data
- ✓ Global Forecast System (GFS) Model Data
- ✓ Airmen's Meteorological Information (AIRMET)
- ✓ National Convective Weather Forecast (NCWF)
- ✓ National Convective Weather Diagnostic (NCWD)
- ✓ Aviation Routine Weather Report (METAR)
- ✓ Significant Meteorological Information (SIGMET)
- ✓ Collaborative Convective Forecast Product (CCFP)

Weather and Radar Processor (WARP) Publications

- ✓ Next Generation Weather Radar (NEXRAD)

***Service in development or on-ramping process**



STDDS Release 3.2

Presented by:
Jeri Groce/Julia Korey



STDDS 3.2 Release Notes

STDDS 3.2 Release Notes are available in any of the STDDS service catalogs in the SWIM - NAS Service Registry/Repository (NSRR) <https://swimrep.faa.gov/soa>

Summary of STDDS Release 3.2 Changes

- **Addition of a new service, Terminal Automation Information Service (TAIS), which publishes STARS data**
- **Improved data quality of surface movement event data**
- **Updated sensitive data filtering**
 - Beacon Code filtering
 - AJR-2 Changes
- **Bug fixes and minor enhancements**

Not all R3.2 changes/enhancements are included in the release notes, only those deemed important to STDDS consumers.

STDDS R3.2 documentation and data

The following **STDDS R3.2** information has been uploaded to the following NSRR service catalogs:

<u>NSRR Service Catalog</u>	<u>Files in Documentation Tab</u>
To all STDDS catalogs	STDDS R3.2 Release notes.docx Draft-stdds-r3.2-schemas-20150511.zip
STDDS Surface Movement Event	SMES Sample Data.zip Draft SMES JMSDD.docx
STDDS Airport Data	APDS Sample Data.zip Draft APDS JMSDD.docx
STDDS Tower Departure Event	TDES Sample Data.zip Draft TDES JMSDD.docx
STDDS Terminal Automation Information	TAIS Sample Data.zip Draft TAIS JMSDD.docx

- TAIS data set planned for NDRB approval late Summer 2015
- STDDS R3.2 test data should start to appear on the FNTB domain in roughly mid-October of this year.

STDDS RVR

Presented by:
Jeri Groce/Julia Korey



RVR Comparison Document

- **Located on NSRR at:**

- </STDDS Airport Data/RVR-STDDS-TFMS-Comparison.pdf>

- Full URL:

- <https://swimrep.faa.gov/soa/platform/rest/location;datetime=2015-06-03T16:31:24.619Z/STDDS%20Airport%20Data/RVR-STDDS-TFMS-Comparison.pdf>

- **Some Key Differences:**

	RVR-DF	STDDS APDS
Delivery	simple TCP/IP socket	JMS message delivery system
Format	simple comma-delimited ASCII data	packaged as XML data
Frequency	60 second updates	2 second updates
Dual RVRs	Fake Airport IDs (e.g. KORN)	RVR data “merged” under real Airport ID (e.g. KORD)

RVR Website Transition

RVR Status Monitor

02:43:32 UTC 06-09-2015

- The RVR website <http://rvr.fly.faa.gov> will also transition to STDDS
- **Benefits:**
 - Consistency of data delivery
 - Increase # of monitored airports, from 65 to 130

RVR Airports						
ANC 6500	ATL 5500	BFI 6500	BNA 3500	BOI 6500	BOS 6500	BUF 6500
BUR 6500	BWI 6500	CJL (na)	CLE (na)	CLT 6500	CVG 5500	DAL 6500
DCA 5500	DEA 6500	DEB 6500	DFA 6500	DFB 6500	DPA 6500	DTW 6500
EUG 6500	EWR 6500	GEG 6500	GJT 6500	HOU 6500	HPN 6500	IAD 6500
IAH 6500	ILG 6500	IND 6500	ISP 6500	JFK 6500	LAX 2600	LGA 6500
LGB 6500	LMT 6500	MCI 5500	MCO 6500	MDW 6500	MEM 6500	MFR 6500
MIA 6500	MKE 6000	MRY 6500	MSP 5500	MWH 6500	OAK 6500	ONT 6500
ORN 6500	ORS 6500	PAE 6500	PDX 6500	PHL 6500	PHX (na)	PIT 6500
PSC 6500	RDU 6500	SAN 6500	SDF 6500	SEA 6500	SFO 6500	SJC 6500
SLC 6500	SMF 6500	SNA 6500	STL 6500	TPA 6500	VNY 6500	

KEY:					
Values = lowest visibility (in feet) over last 10 minutes.					
6100+	2500-6000	1300-2400	800-1200	0-700	No Data



TFMData (old ASDI)

**Presented by:
Chris Pressler**



ASDI Transitions

- Total Active ASDI consumers: 60
- Total ASDI to transition: 55
- Decided not to transition: 1
- No contact: 4
- Completed transition: 7
- Remaining in Pipeline: 52

SFDPS Update

**Presented by:
Chris Pressler**



SFDPS Update

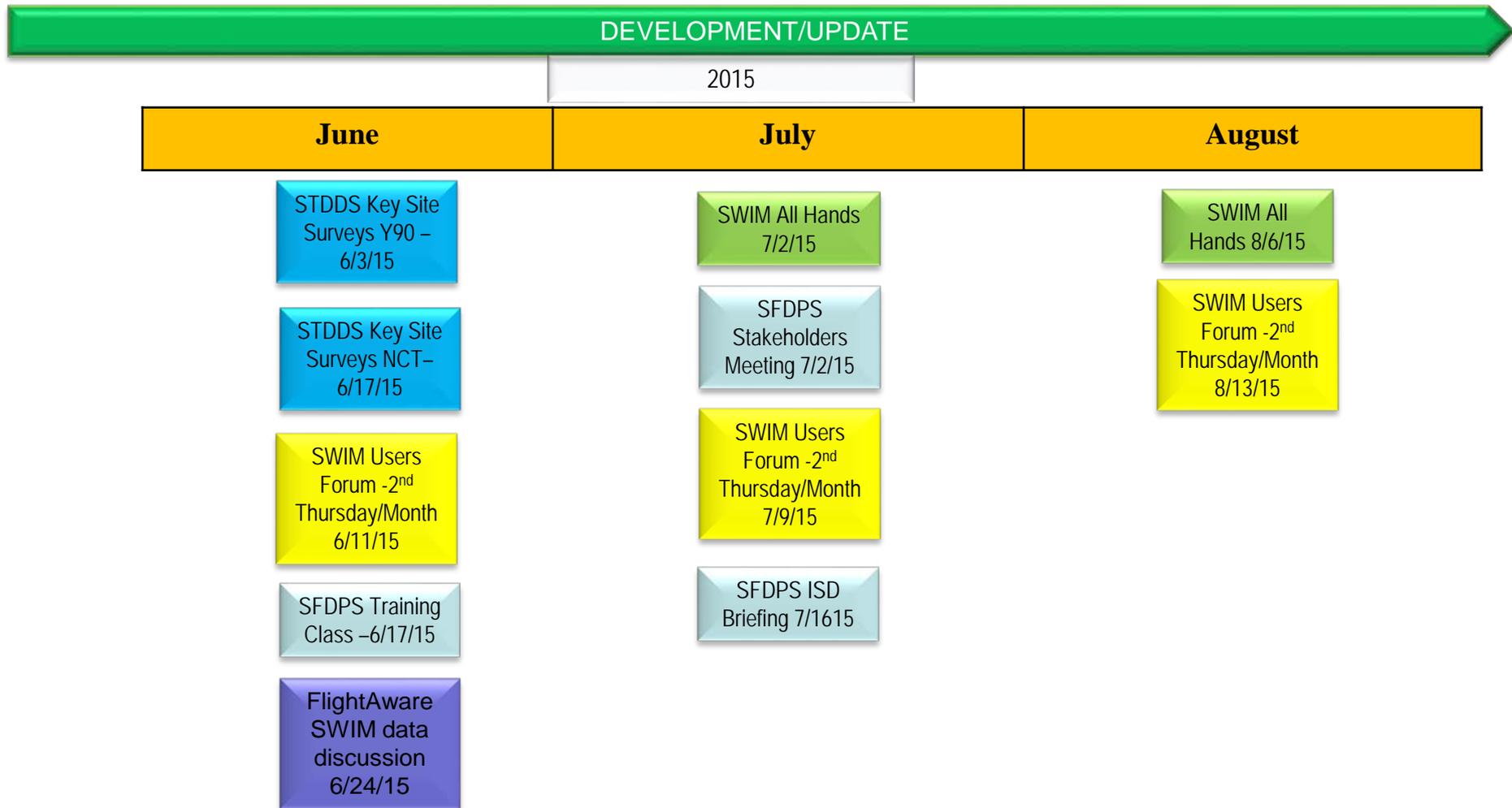
- **Completed Key Site Acceptance Test:**
 - Conducted key site test in FAA NEMC SLC (04/20/2015 – 04/24/2015) and ATL (05/11/2015 – 05/14/2015) facilities
 - Test participants: SFDPS 1st and 2nd level support, Field managers/engineers, PASS union, SWIM program office, SFDPS development and test team
 - Total 102 test performed
 - 100% pass
- **User Readiness**
 - SFDPS is on the NDRB/AJR-D Access Agreement web site as a data set available from the FAA to external consumers.
 - Harris will accept on-ramping requests submitted via Enterprise Engineering Services (EES) and the SWIM Implementation team.

SFDPS Update (cont.)

- **SFDPS IOC Declaration:** May 14, 2015
- **In-Service Decision:**
 - Stakeholders meeting: 07/02/2015
 - ISD briefing: 07/16/2015



Schedule – 90 days



Questions



SWIM Data Exchange – Participating Programs

