



**ATD-2 Integrated Arrival/  
Departure/Surface (IADS) System  
Initial Phase 3 Metroplex IADS  
Informal Tech Transfers – Completed –  
TT2.5 Published**

*August 2020*

This document summarizes Phase 3 Metroplex IADS informal tech transfers that have been executed in FY20 (Sep 2019 – Jul 2020).

<b>Date</b>	<b>Brief Description</b>	<b>Receiving Group</b>	<b>Type of Transfer</b>
9/16/19 - 9/18/19	NATCA Communicating For Safety Conference in Vegas	NATCA	Face-to-face discussions, demos
9/24/19	Share CLT, DFW, DAL adaptation for potential use in TFDM	TFDM	Adaptation
09/27/19	STBO Client User Manual v2019-09-19	FAA	User Manual
09/30/19	DFW Ramp Feedback - Human-in-the-Loop (HITL) Simulation	AAL	Presentations, user manual
10/02/19	Phase 3 Stormy 19 Review Meeting	Field Demo partners	Presentation
10/09/19	CDM Automation Team (CAT) meeting	FAA, Airlines, Airports	Presentation
10/22/19 - 10/24/19	NBAA Business Aviation Convention and Exhibition in Vegas	NBAA	Face-to-face discussions, demos
10/22/19 - 10/24/19	Flow Evaluation Team/S-CDM Team meeting	FAA, Airlines, Airports	Presentation
11/07/19	SWIFT meeting	FAA, Airlines, Aviation service providers	Face-to-face discussions
11/08/19	CSIT meeting at Delta	FAA, Airlines	Presentation
11/14/19	Surface NIWG meeting, National Customer Forum (NCF) meeting	FAA, Airlines, Aviation service providers	Face-to-face discussions

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11/19/19	Real-time accuracy metrics and system-wide benefits metrics	Airline Operators	Presentation
11/20/19	Flight Night	Capitol Hill staffers	Outreach material
11/21/19	MIT Lincoln Laboratory ATC Workshop	FAA, Air Force, Airlines	Presentation
11/25/19	Assignment of TOBT to flights with infeasible release time/EDCT	TFDM	Lessons learned
11/25/19	TTP Nillable Fields, for TTP Schema input	TFDM	Spreadsheet
12/3/19	ATD-2 Key feature and uses as reported by CLT TMU	FAA, TFDM/Saab Sensis	Document
12/10/19 (email exchange), 1/16/20 (meeting)	Rules for filtering of TMLs to only those applicable to airport	TFDM	Email, discussion
12/10/19	Requirements for system-wide benefits and self-scoring of real-time metrics	Airline Operators	Presentation
12/11/19	Brief American Airlines on TBFM 101, terms and phrases	American Airlines	Presentation
1/14/20	SWIFT Development and Analytics Focus Group Kickoff	FAA	Presentation
1/23/20	TFDM Operational Metrics - Scorecard Follow-Up Meeting	Volpe, AJR, TFDM	Meeting notes, presentation from Volpe, email

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1/24/20	ATD-2 tactical scheduler separations	FAA, TFDM	Separation adaptation files, email
1/27/20, 1/30/20	Provide ATD-2 handling of TFMS ERAM gufi/CID inconsistencies to TFDM	TFDM	Emails
1/30/20	ATD-2 handling of wake and MIT separations	TFDM	Presentation, email, discussion
2/12/20	Provide ATD-2 Test Procedures to TFDM. ATD-2 runway, spot, fix, TTOT, etc. prediction accuracy can help TFDM have targets to compare against.	TFDM	Presentation, email, discussions
2/12/20	National Customer Forum briefing	FAA, All major airlines, SCDM and SWIFT participants	Presentation, email,
2/12/20	TFDM B2 CLT Scenario Requirements meeting	FAA, MITRE, Twintron	Presentation, meeting agenda
2/19/20	TOS system high level requirements (Level-1)	SCT/FET	Document
2/20/20	SCT/FET meeting at NTX	SCT/FET, MITRE	Presentations
2/21/20	Fuser Technology / Fuser-in-the-Cloud discussions with AAL	AAL	Email, user guide
2/25/20	Fuser Technology / Fuser-in-the-Cloud discussions with UAL	UAL	Email
2/26/20	SWIFT meeting, Atlanta	FAA, SWIFT participants	Presentation

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2/28/20	CSIT at Dulles	FAA, Airlines	Presentation
2/28/20	Provide TFDM with realistic test scenarios at CLT for TFDM Build 2 testing	TFDM	Email, test data
3/4/20	TFDM Planning workshop	Saab Sensis, UAL, AAL, SWA, FAA	Meeting notes
3/6/20	ATD-2 Experience with SWIM Performance	SWIM Segment 3	Email
3/18/20	NAC Subcommittee Meeting	FAA, Industry, and NASA Executives	Face-to-face discussions
3/19/20	Stormy20 Kick-off meeting with field users	FAA ZFW, DFW Tower and TRACON, AAL, SWA, Envoy Airlines	Presentation
4/2/20	Detailed RTC information	FAA, MITRE	Presentations, email
4/29/20	TOS-related briefings made to CDM SCT-FET in February	Northeast Corridor NextGen Advisory Committee (NEC NAC) Participants	Presentations
5/12/20	SMP parameters	TFDM (FAA, Leidos)	Presentation, email
5/12/20	ATD-2 configurations	TFDM (FAA, Leidos, Saab Sensis, HSI, Inc.)	Email
5/14/20	ATD-2 updated CLT adaptation	TFDM	Email, CLT adaptation
5/14/20, 5/28/20	ATD-2 TOS and Flight Operators flight planning system	Delta Airlines	Email

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5/29/20	Discuss ATD-2 Phase 3 capabilities with AAL flight planning system group	AAL	Email, presentation
6/20	ATD-2 Phase 2 Technology Transfer Analysis	FAA, MITRE	Report, catalog
6/8/20	SCT/FET meeting	CDM Joint SCT/FET groups	Email, presentation
6/10/20	Metering sequence diagrams that ATD-2 presented back in 2017 at an SCT/CAT meeting	FAA	Email, presentation
7/1/20	Data dictionary for Fuser-in-the-Cloud	NASA, SWIFT, Airlines	Website
7/15/20	Comparison of Day of ATD-2 and TFDM data	TFDM	Emails, file transfers
7/23/20	SCT/FET meeting	CDM Joint SCT/FET groups	Presentation