CDM

Collaborative
Decision Making

Surface CDM Team (SCT)

CSG General Session – April 11th, 2023

FAA Co-Lead: Bryan Rogers, Operations Manager, IAH Tower

Industry Co-Lead: Paul Amen, Manager of Air Traffic Operations, AAL

CDM
Collaborative
Decision Making

SCT Team Members

Industry / FAA Members

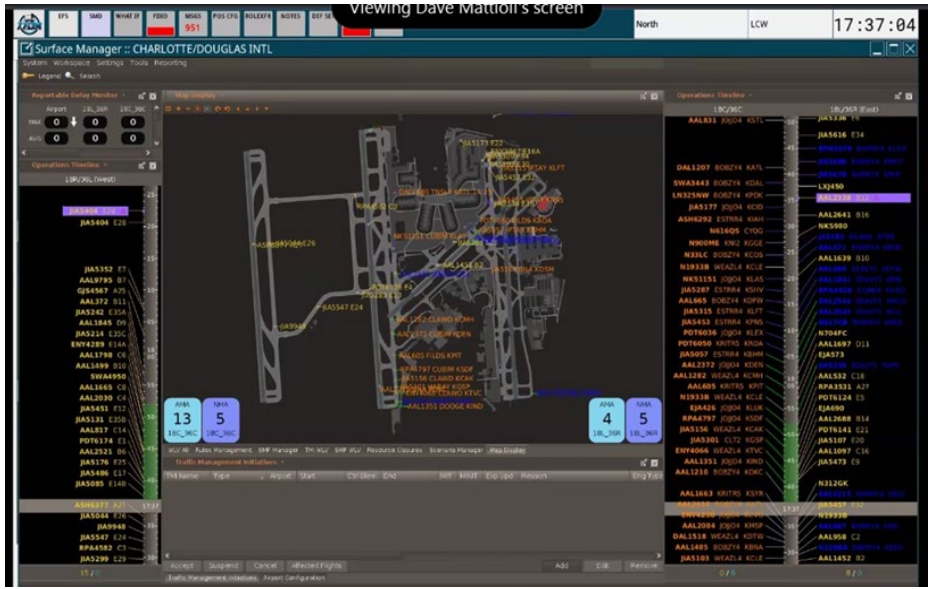
- Bryan Rogers – IAH OM / FAA Co-Lead
- Paul Amen – AAL / Industry Co-Lead
- Lee Brown – JetBlue
- Ron Foley - NATCA
- Scott Farrow – FAA CSIT / AJR-1100
- Dean Snell – NBAA
- Edwin Solley - SWA
- Dan Torres – FedEx
- David Uswajesdakul – UAL
- Tony Vassiliadis - Delta
- Kristen Wilson – NATCA

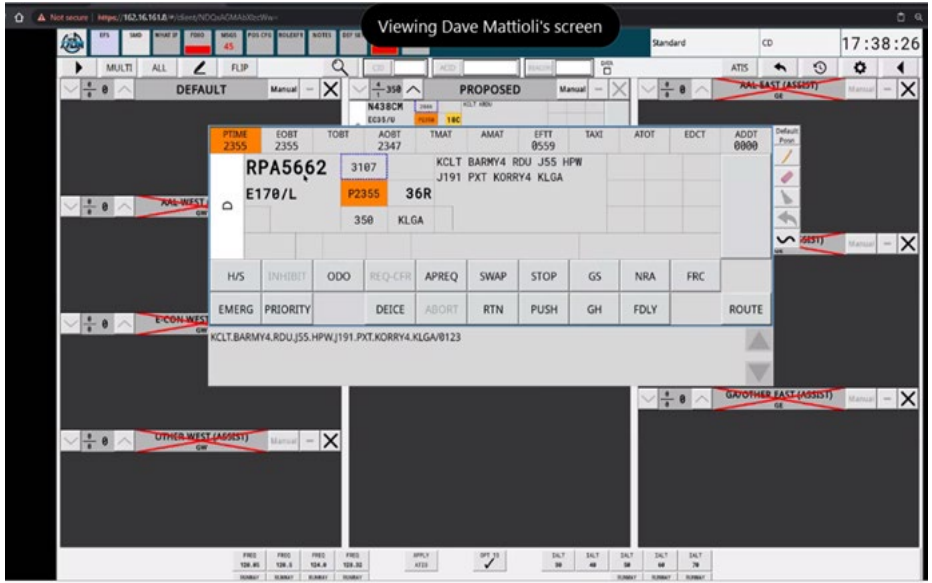
Airport Members / Partners

- Paul Eubanks –ACI
- Lisa Gahm – DFW Airport
- Curtis Hedgepeth - LAS McCarran / Reid
- John Howard - LAS McCarran / Reid
- Robert Kelley – FLL / Broward
- Chris Oswald – ACI
- Dustin Loftis– PHX Sky Harbor
- Ralph Tamburro - PANYNJ
- Samer Tirhi - SeaTac
- *Doug Swol – TFDM PO / AJM-224
- * Lidiya Gavrilenko - CSIT / AJM-224
- *Melissa Brown – Mitre CAASD
- *Isaac Robeson – Mosaic ATM

Task 75: TFDM/Industry Engagement Throughout TFDM Development

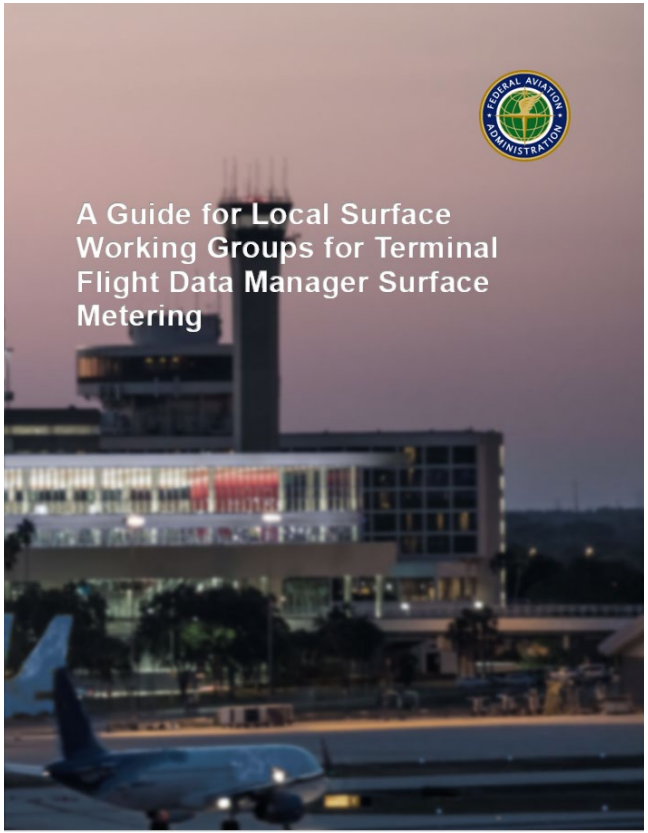
- New Tentative Waterfall
  - Configuration A – Full suite of software tools. 27 large airports with the surface metering capability.
  - Configuration B – The remaining 22 airport ATC control towers that will only have electronic flight control strips…No surface metering capability.
    - CLE ATCT Build 1 Configuration IOC in October 2022. Achieved full ISD status on March 1st, 2023.





Task 82: Collaborative Site Implementation Teams (CSIT)

- Resources
  - Surface Working Group Guide
  - TFDM User Guide
  - TFDM Data Operational User Guide
  - Post Site Visit Support
  - Developing Local Surface working Groups
  - TFDM Open Forums



Federal Aviation Administration

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Task 82: Collaborative Site Implementation Teams (CSIT)

- TFDM Tech Talks to Industry / Stakeholders
- Monthly TFDM CSIT Open Forums
- CSIT Site Visits are an integral part of preparing non-FAA stakeholders for TFDM implementation (~18 months prior to IOC).
  - Site Visit Goals:
    - Educate any local stakeholders that may be impacted by TFDM implementation
    - Inform local stakeholders of their role TFDM Surface Metering
    - Introduce the local Surface Working Group concept as it relates to surface metering
    - Collect additional information for the TFDM Program Office to aid in site adaptation

Site Visit Overview

Day 1	Day 2	Day 3	Day 4
FAA-only	FAA-only	CSIT & Local Stakeholders	CSIT & Local Stakeholders
CSIT briefs FAA Tower: • Provides an overview of stakeholder presentations • Introduces local Surface Working Group Concept	CSIT tours local facility to provide context to previously collected site data May include: • Airport authority operations • Ramp tower(s) • FBO	Stakeholder Briefing Day 1: • Provide an overview of TFDM • How data exchange fits in • How Surface Metering has worked in practice	Stakeholder Briefing Day 2: • Site-specific TFDM implementation information • Roles and responsibilities in Surface metering

SEA CSIT

- November 2022
- Collected and validated the information that TFDM engineers will use to adapt the system to SEA airport.
- Briefed the local FAA Air Traffic Control Tower about the local stakeholder engagement necessary to ensure the successful implementation of TFDM.
- Provided local stakeholders with an in-depth briefing of how TFDM will work at SEA airport. SEA SWG Active and holding regular meetings.
- Prepared local stakeholders to create a local surface working group or adapt an existing surface group, and provided guidelines for what falls under the group's responsibilities with TFDM surface metering.

SCT Team Upcoming Events

- SCT Virtual Meeting Pre-PHX CSIT – Date and Time TBD in April (Informal)
- Official PHX TFDM CSIT Initial Visit – April 25 – 27, 2023
  - Potential in-person meeting in PHX during CSIT visit - TBD
- Post PHX CSIT Review Team Meeting – May 2023
  - Includes planning for in-person SCT Meeting at LAS CSIT
- LAS Official CSIT Initial Visit – Tentative 13 – 15 June 2023 (In-Person Team Meeting?)
- Post LAS CSIT Review Team Meeting – July 2023.
- The TFDM system continues to run in 24x7 operations in CLE and has run without fallback since IOC on October 24th.
- TFDM will deploy to five additional towers in 2023:
  - Indianapolis (April 24th)
  - Phoenix (June 5th)
  - Raleigh-Durham (July 24th)
  - Columbus (OH) (September 11th)
  - Las Vegas (October 23rd)
- Preliminary operational testing of the Build 2 TFDM (Surface Management) system in Charlotte will start in May.