



Northeast Ohio Flight Information Exchange (NEOFIX)
Stakeholder Meetings

Monday, November 27, 2023 at 11 AM (EST): Data Sharing Group
Wednesday, November 29, 2023 at 1 PM (EST): Configuration Group

Hosts: Stuart Mendel, Baldwin Wallace University Project Director
John Eberhardt, ATA, LLC
Scott Drew, ATA, LLC
Chelsea Treboniak, Critical Ops
Howard Thompson, Manufacturing Works

Stakeholders: <https://bw-centers-tech-partnerships.org/members-supporters/>

NEOFIX Site: <https://oh-fix.com/index.html>

November 27, 2023 Minutes

Several new folks joined the Data Sharing Group call on November 27th. A detailed overview of the platform was provided. Discussions included:

- Potential collaboration on additional use cases.
- Insights into the API information.
- Potential federal funding projects.
- Clarity on duplicative advisories.

Stakeholders encouraged “display by exception” of the localized weather alerts/point alerts rather than a weather leader. Don offered to share API documentation about alerting.

Kevin mentioned embedded Artificial Intelligence (AI). Image sensors have NVIDIA and a “neural network,” offering a display of select data at scale. Machine Vision, military applications, and manufacturing applications have embedded computers with imaging systems at the point of usage. Additional contact information and discussions will transpire.

November 29, 2023 Minutes

Stakeholders engaged in a discussion about likely locations for sensors based on operational activities and emphasis on combining operations data with sensor coverage.

- Sensors will aim to cover the whole lakefront (~6 sq. miles) for cooperative and non-cooperative aircraft.
- Identified specific sensor areas in Brookpark/Hopkins for DFR and medical operations.
- Explored additional sensor areas, including highways (I-90, I-480), commercial areas/commercial logistics, warehousing, and future generators for air traffic.

- Ethan introduced the incorporation of weather sensors into operations, highlighting Burke with potential cost-sharing opportunities for radar hosting.
- Addressed the need for selective deployment of non-cooperative sensors due to cost. It was acknowledged that deconfliction awareness is only applicable to cooperating aircraft.
- Heliports were identified as requiring safety mitigations.
- Collaboration with the Department of Homeland Security (DHS) for homeland security aspects was encouraged.

Safe ditch areas in collaboration with NASA analysis for risk rating were encouraged over direct implementation. Eric suggested using NASA's analysis as an introduction to cities and towns regarding NEOFIX.

Additional data layers and advisory services to engage with the county for zoning/planning was discouraged. Concerns raised by Dan indicated a potential dilution of navigational mapping with additional logistics.

Ed shared a low and slow model initiative from El Paso that could be replicated.

Closing discussions mentioned a letter of support for \$2.5 Million as a one-time allocation from the Ohio Strategic Community Investment Fund. Templates were provided, and the due date is December 14. Stakeholders introduced other funding options, including malls (i.e., Tower City) given funding status and recognition as a hub for interconnectedness.

Action Plan

- Live tracking in the system is scheduled for deployment in December 2023.
- Letters of support are due December 14, 2023.

Next Meeting

- The next in-person event is the Critical Infrastructure Modernization Forum on January 29, 2024, where a limited number of NEOFIX seats are sponsored: <https://criticalops.com/cim-24-registration/>
- The next virtual meeting will be on February 21, 2024. The calendar invite will be sent to all stakeholders.