

MO Viewer

Information Management Platform

SEP-View | January 2026

The Problem: lots of data, not a lot of ways to quickly access the information it informs

- MO-wide:
 - over 9000 interconnected files stored in Google Drive, acting as a “database”
 - Jenny, Cherrelle, Slack, emails, Teams, and various meetings acting as database interfaces
- multiple copies of various files used to create actionable information conveyed in meetings → lacking a shared agreement or platform for Source of Truth for information
- SEP-specific:
 - 803 SEP-related files
 - ~ 4,221 stakeholder contacts from 48 solution stakeholder lists
 - 2,049+ needs survey responses for alignment analysis
 - ~43 agencies with engagement tracking
 - 10 SEP milestones tracked per solution (WS1-WS5, TP4-TP8)

SNWG MO Landing Site

.....For internal use only.....

Access Note: Users must have been granted previous access to view embedded files

>> click here for information on The Satellite Needs Working Group USGEO<<

>> Click here to check out the SNWG MO on EarthData <<

Current Work SNWG MO Quad Chart

01/26/26 - 01/30/26

Out of Office/Travel

- Katrina: Out of office: January 27
- Emily OOO g/s/80 schedule: January 30

Meetings & Agendas

- Weekly Internal Planning Meeting, SNWG MO
- NSITE SEP Strategy Meeting, SNWG MO
- 2020 Weekly Assessment HQ Team
- 2020 Weekly Assessment Dyo-Sosed Checklist notes
- Import Stories Pipeline

25-4 Implementation Milestones

- Objective 4: Cycle 4 (2020)
 - C4 VLM
 - C4 HLS-LI
 - C4 GABAN
 - C4 GACR
 - C4 GCC
 - C4 IoA
 - C4 Freeboard & Ice
 - C4 Impact Story Reporting Pipeline
- Objective 3: Cycle 3 (2020)
 - C4 VLM
 - C4 HLS-LI
 - C4 GABAN
 - C4 GACR
 - C4 GCC
 - C4 IoA
 - C4 Freeboard & Ice
 - C4 Impact Story Reporting Pipeline
- Objective 2: Cycle 2 (2019)
 - C4 VLM
 - C4 HLS-LI
 - C4 GABAN
 - C4 GACR
 - C4 GCC
 - C4 IoA
 - C4 Freeboard & Ice
 - C4 Impact Story Reporting Pipeline
- Objective 1: Cycle 1 (2019)
 - C4 VLM
 - C4 HLS-LI
 - C4 GABAN
 - C4 GACR
 - C4 GCC
 - C4 IoA
 - C4 Freeboard & Ice
 - C4 Impact Story Reporting Pipeline

2022-2023

PC Automations and Scripts_C0_NSITE MO_2025

Table1	Status	Script	Purpose	Features
1	Active	actionTrackerSheet	Collect and update SNWG MO actions across multiple meetings	Searches all Action items tables in meeting documents Populates Action Status, Owner, Project, and Task to the "To" creates dialog box with upcoming due date or reminder that are due today.
2	Active	blurDueDateDialogBox	Creates dialog box with upcoming due date or reminder that are due today.	Correct room reservation colors and locations to provide foundation for duplicate reservation check.
3	Active	conferenceCalendarColorIMPACT	Correct room reservation colors and locations to provide foundation for duplicate reservation check.	Creates dialog box with upcoming due date or reminder that are due today.
4	Active	createDevSeedCheckAssessment	Create recurring meeting file	Locations from current to next 31 days are searched. Locations are corrected double booked locations are updated title and date.
5	Active	createNewInternalPlanningAgendaSNWG	Create recurring meeting file	Creates new Agenda from weekly agenda template Creates new Agenda from monthly agenda copy previous week's agenda
6	Active	createSEPAgenda	Create recurring meeting file	update title and date update agenda for SMB bi-weekly meeting update name
7	Active	createSMDoI-weeklyIMPACT	Create recurring meeting file	Creates custom menu in Doc toolbar for the specific document Creates new agenda by that name in either the calendar or agenda Creates new calendar events with the specific creator
8	Active	intDocActionItems	Collect and update SNWG MO actions across meeting doc:	Creates new Agenda from monthly agenda template Creates new calendar events with the specific creator Creates new Agenda from monthly agenda template Creates new calendar events with the specific creator
9	Active	newGcalEventNewAgenda	Create new agenda for new meeting	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
10	Active	newGchatSlide	Create recurring meeting file	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
11	Active	piCalendarEventColorChangeIMPACT	push slide info to SNWG-MO Slack channel	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
12	Active	QuickGIT	updates event colors based on proximity to end of PI	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
13	Active	snwgEngagementLog	webapp to keep track of new and pre-existing issues in a GitHub board	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
14	Active	teamSchedulersCalendarColorsSNWG	searches for future events with "Travel" in the title. Populates name specified in the title, start and end times, and contents of the calendar events in their respective columns.	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
15	Active	upNextAtTheConference	Events within the next month and half are searched and color coordinated according to status	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
16	Development in progress	DECIPHER	find other IMPACT folks at AOU	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
17	Development in progress	FrondFinder	slack app for looking up acronyms	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
18	Development in progress	MasterContactList	internal contact info updater	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
19	Development in progress	WhoThisInIMPACT	Look up and export contacts based on complex criteria	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
20	Development in progress	ImpactStory	in-Slack game to teach team-member faces and names	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
21	Retired	createOPERAMonthlyAgenda	timezone converter for NASA centers and hotspots	Creates new calendar events with the specific creator Creates new calendar events with the specific creator
22	Retired	createOPERAMonthlyAgenda	Create recurring meeting file	Creates new calendar events with the specific creator Creates new calendar events with the specific creator

2024

MO-Viewer-SEP-Presentation - NSITE MO Dashboard - NSITE - MO-Viewer-Overview - Google Sheets - Solution Status Quick Look - NSITE SEPViewer - Executive Dashboard - NSITE

NASA-IMPACT / Projects / NSITE C4 MWOW CoDesign Pipeline

On track Insights Workflows

Q Type to search

status: Milestones, Engagement, Complete, Strategic Oversight

Milestones: 10

Project-wide achievements and critical decision points throughout the Solution Project lifecycle

Working Session 1: CoDesign 101 (Aug 4, 2025)

Working Session 2: SEP CoDesign Strategy (Aug 7, 2025)

Working Session 3: Solution Announcement to Stakeholders (Aug 10, 2025)

Stakeholder Touchpoint 1: Solution Verification (Aug 20, 2025)

Stakeholder Touchpoint 2: Agency Feedback Survey (Sep 19, 2025)

Stakeholder Touchpoint 3: Stakeholder Touchpoints (Apr 16, 2026)

Stakeholder Touchpoint 4: Requirements Verification Meeting (Aug 8, 2025)

Stakeholder Touchpoint 5: Iterative CoDesign (Aug 9, 2025)

Formulation to Implementation Decision Gate (F2) (Aug 10, 2025)

Stakeholder Touchpoint 6: Stakeholder Touchpoint & Iterative CoDesign (Aug 10, 2025)

Stakeholder Touchpoint 7: Solution Soft Launch, Launch, & Training (Aug 11, 2025)

Stakeholder Touchpoint 8: Transition/Closure (Aug 12, 2025)

Stakeholder Touchpoint 9: Stakeholder Touchpoint & Iterative CoDesign (Aug 13, 2025)

Stakeholder Touchpoint 10: Stakeholder Touchpoint & Iterative CoDesign (Aug 14, 2025)

Strategic Oversight: 8

High-level program metrics, resource summaries, and strategic performance indicators that provide executive visibility into overall CoDesign program health, impact, and key decision points. Items here are monitored periodically rather than worked on daily.

Multisensor Worldwide Ocean Winds (MWOW) Summary Card

Disaster Response: Deep & Cryosphere Weather & Atmospheric Dynamics

Cycle 4 (VLM, HLS-Low Latency, TEMPO Enhance)

MWOW End-user training activities

NSITE SEP Viewer

Refresh Data Email Stakeholders Help Dark

2025

Project	SEP Milestone	Engagement	Comms Due (±30d)	Next Dates	Implementation Status
C1 HLS	Stakeholder Touchpoint 7: Solution Soft Launch, Launch, & Training	HLS: Workshop Planning (6)	176	2026-01-30	26.1 HLS 1/1 goals complete
C4 HLS-LL	HLS-LL: (26.2 Stretch) Formulation to Implementation Decision Gate (F2) (D-G)	Josh Barnes: Email (8/8/25) "Follow-up, co-design of HLS LL" (4)	0	—	26.2 HLS-LL 0/5 goals complete
C3 HLS-VI	Project Closeout Decision Gate	Chris Cole: Meeting (4/23/25) (3)	78	2026-01-30	26.1 HLS-VI 1/1 goals complete
C4 VLM	Working Session 1: CoDesign 101	— (0)	0	—	26.2 VLM
C4 MWOW	Working Session 1: CoDesign 101	provide support as needed to MWOW now that invitation to CoDesign has been issued to Stakeholders (1)	20	2026-01-30	26.1 MWOW 1/4 goals complete
C4 GABAN	Stakeholder Touchpoint 5: Requirements Verification Meeting	Email to Carlos to solicit feedback and ask about HABs (2)	0	—	26.1 GABAN 0/1 goals complete
C2 GACR	Stakeholder Touchpoint 6: Iterative CoDesign	Communication to Solution Team (3)	0	—	26.1 GACR 1/1 goals complete
C2 GCC	Project Closeout Decision Gate	Communications with Solution team (2)	0	—	26.1 GCC 1/1 goals complete
C2 IoA	Stakeholder Touchpoint 8: Transition/Closure	Chris Cole: Meeting (4/23/25) (2)	0	—	26.1 IoA 0/1 goals complete
C2 Freeboard & Ice	Stakeholder Touchpoint 7: Solution Soft Launch, Launch, & Training (Freeboard & Ice Thickness)	USNIC/NOAA and QuickLooks (1)	0	—	26.1 Freeboard & Ice Thickness 0/1 goals complete
NSITE SEPViewer	—	— (0)	0	—	—
Impact Story Reporting Pipeline	—	— (0)	0	—	—

Early Solution attempts

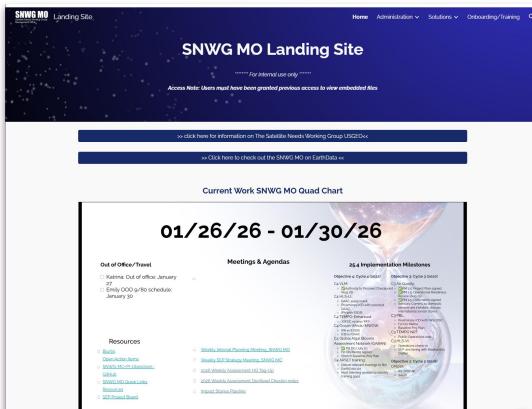
Early Solution attempts

2022-2023

files stored in GWorkspace

data manually entered, tracked, transformed, and analyzed; files viewed through Google Site

view-only;
links to source files
no edit access

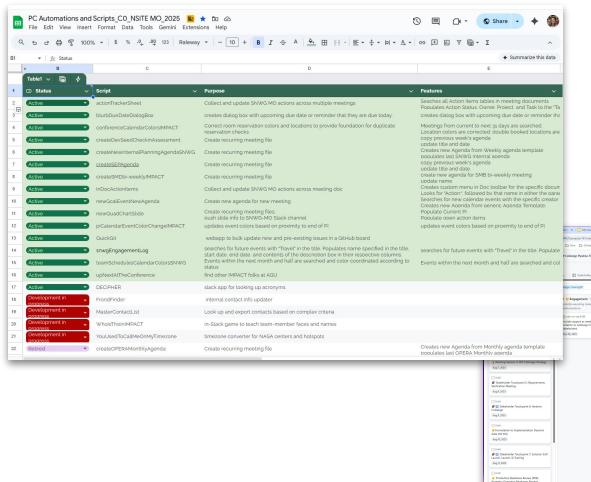


2024

files stored in GWorkspace

data manually entered, automatically transformed across files with ~40 Google AppsScripts;
files viewed through direct access

linking network of source files;
full edit access (working directly in all files)

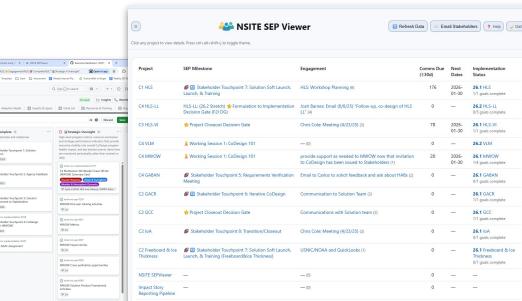


2025

files stored in GWorkspace

data pulled from GWorkspace file, applied to custom Github templates, Google AppScript accesses Github and displays the data

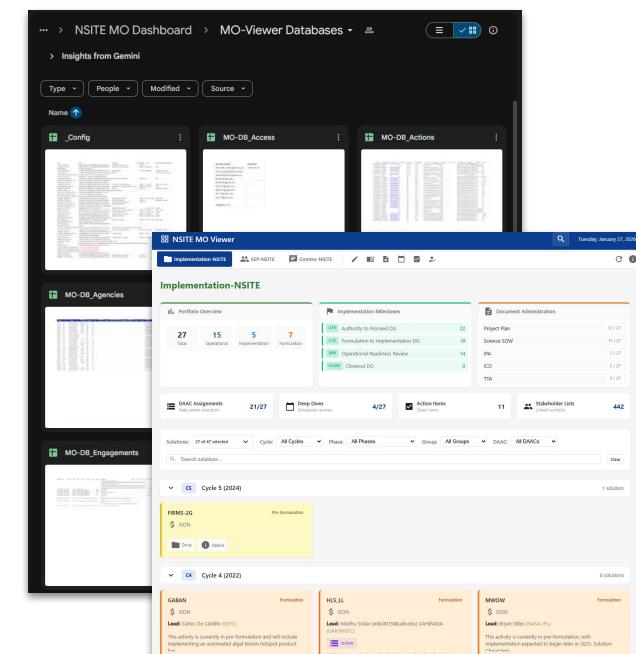
view-only, linking of source files;
additional interface layer between source
data and information transformation;
changed data must be translated back to
other files;
heavy maintenance lift with both raw and
transformed data



2026

files stored in GWorkspace

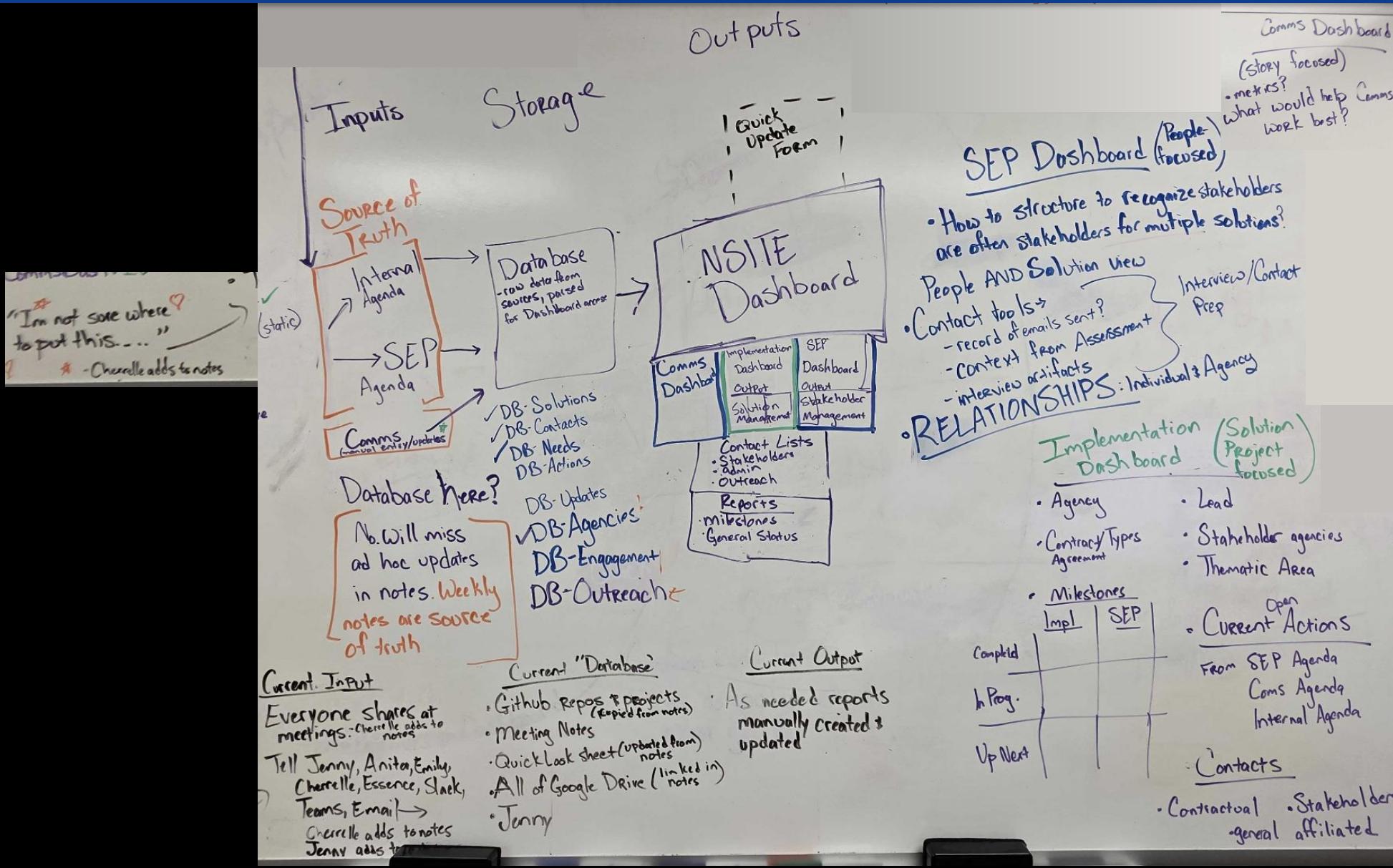
data pulled from Source of Truth files into Databases.



The Meta-Analysis

- Conducted analysis of the SEPViewer Tool as a proposed Solution to address a discussed Need by applying the entire NSITE MO lifecycle process to the tool development
 - Evaluated how data flows across all MO activities from multiple perspectives
- Identified design concerns with GitHub-based architecture:
 - GitHub optimized for code, not stakeholder data - requires many custom scripts
 - Easier data connections with just Google Sheets backend, without Github as database intermediary
 - Core security issue: cannot restrict PII from IMPACT/ODSI Github users. Have no control over who is in/out of IMPACT github environment
- Discovered: ability to build in login restrictions to GoogleAppScript backend, limiting 1st only to Users who have a Google account (must be signed in to see the sign-on page), then to users listed in our access sheet with an email and the password. This change means much **more interconnectivity of data with much less code.**

How we work, in terms of an Information Management System



Context: Why MO Viewer and not just SEP Viewer?

Team

- Actions from SEP meetings need tracking and assignment
- Availability affects stakeholder scheduling
- Meeting notes feed solution updates

Comms

- SEP surfaces success stories for Comms to amplify
- Stakeholder wins become outreach opportunities
- Events and conferences bring SEP contacts together

Implementation

- Stakeholders connect to specific solutions in the portfolio
- Milestones and updates flow from Implementation into SEP touchpoints

SEP touches everything:

- ✓ Implementation – SEP wraps around the Solution Lifecycle framework; solution data had to be built first because SEP engagement maps directly to solution phases and milestones
- ✓ Comms – Comms amplifies stakeholder relationships; needed to define what SEP outputs Comms needs—success stories, engagement wins, stakeholder quotes for outreach
- ✓ Team – Internal team profiles served as the most complete test dataset for prototyping the contact fields and personal information structure later applied to external stakeholders
- ✓ Reports – SEP needs historical context to prepare for engagements; updates and milestones flow both directions between SEP and reporting

Answering SEP's Questions with SEPViewer

1

What's New?

What is the most recent thing this Solution did and did we talk to stakeholders about it?

2

Meeting Needs?

Are we meeting the needs of stakeholders with this solution?

3

Growth Opportunities?

Are there unexplored agencies we can connect with to promote this Solution?

The screenshot shows the NSITE MO Viewer application interface. At the top, there is a header bar with the title "NSITE MO Viewer" and a date "Monday, January 26, 2026". Below the header, there is a navigation bar with tabs: "Implementation-NSITE", "SEP-NSITE" (which is selected), and "Comms-NSITE". To the right of the tabs are various icons for search, refresh, and other functions.

The main content area is titled "SEP-NSITE". It features several summary cards:

- "Engagements This Month": 7 Engagements
- "Contacts Engaged": 5 Contacts
- "Solutions Engaged": 3 Solutions
- "Activity Level": Hot

Below these cards, there is a section titled "SEP Overview" with a dropdown menu set to "SEP Solutions" showing "9 solutions".

On the left side, there is a "Recent Engagements" list:

- MWOW Stakeholders: Announcing MWOW v0.1 release; Invitation to a second stakeholder meeting (Jan 23 - Email)
- Testing (Jan 22 - Email)
- test connections (Jan 22 - Meeting)
- EMILY DHS connect test (Jan 22 - Email)
- change to OPERA: testing network connections (Jan 20 - Email)
- mwow test! (Jan 19 - Email)

On the right side, there is a "Needs Attention" section with a list of items:

- gaban Global Algal Blooms Assessmen... (0)
- aq_gmao gmao Forecasts (0)
- aq_pm PM2.5 forecasts (0)
- pbl Planetary Boundary Layer (PBL) Pro... (0)
- gacr GEOS-5 Atmospheric Compositio... (0)
- gcc Global Cloud Composites from Sat... (0)
- his Harmonized Landsat and Sentinel-2... (0)

Q1: What's New & Did We Discuss It?

Implementation Dashboard

- Tracks all SEP activities with status
- Color-coded progress indicators
- Stakeholder touchpoints logged
- Historical engagement timeline

SEP Dashboard

- Real-time stakeholder metrics
- Communication logs & history
- Meeting notes & follow-ups
- Engagement frequency tracking

Recent Activities Tracked in MO Viewer:

- All stakeholder communications logged with dates and outcomes
- Event participation tracked (conferences, webinars, meetings)
- Reports generated and shared with leadership
- Follow-up actions assigned and monitored

Demo: Implementation & Activity Viewing

The Implementation Dashboard for the MWOW project displays the following key information:

- DOCUMENTATION LINKS:** Drive Folder, Earthdata Page, Project Plan, Science SOW, Risk Register.
- DOCUMENT STATUS:** Project Plan (Complete), Science SOW (Complete), IPA (Complete), ICD (TTA, ATP Memo), F2I Memo (ORR Memo, Closeout Memo).
- MILESTONES:** 1 Completed, 0 Planned. The next milestone is ATP DG, due May 29, 2025.
- STAKEHOLDERS:** Total Contacts: 40 (Survey Submitter: 7, Secondary SME: 14, Additional SME: 11, Primary SME: 15).
- Primary SMEs:** Ebene' Pierce, Eric Bayler, Eric Leuliette, Huan Meng, Jason Taylor.
- Agencies:** Department of the Interior, Department of Energy, Department of Commerce, Department of Agriculture.
- RECENT UPDATES:** 40 total updates, 4 in last 30 days. Recent update: Stakeholder meeting planned for early Feb. to discuss V0 release and gather feedback. Next steps: IPA review and Preliminary ICD.

The MWOW Details card provides a detailed view of the project's current state:

- Multisensor Worldwide Ocean Winds (MWOW) Product:** Cycle 4 Phase Formulation.
- RECENT ENGAGEMENTS:** Adam Boone +46 (3 entries) and svelta (1 entry). Each entry includes an "Email" link.
- TEAM:** Bryan Stiles (Lead) and Jessica Hausman (RA Rep).
- STAKEHOLDERS (47):** Adam Boone (Bureau of Safety and Environmental Enforcement), Andrew Roberts (Office of Science), Bipin Patel (Bureau of Safety and Environmental Enforcement).
- Email All:** A button to email all team members.

LIVE DEMO

Implementation Dashboard → MWOW → Details card
SEP-NSITE → MWOW → Details card

Q2: Are We Meeting Stakeholder Needs?

Agencies View

- Complete agency profiles
- Contact information
- Engagement history
- Need alignment status

Contacts Directory

- Stakeholder database
- Relationship tracking
- Communication prefs
- Role-based filtering

Need Alignment Report

- Gap analysis
- Coverage metrics
- Priority mapping
- Action items

How MO Viewer Ensures We Meet Needs:

- ✓ Stakeholder needs mapped to solution capabilities
- ✓ Engagement scoring identifies under-served agencies
- ✓ Automated reports flag gaps in coverage
- ✓ Historical data shows improvement trends

Demo: Stakeholder Management

U.S. Agency for International Development
Agency
Website

Log Engagement Add Contact Website

1 ENGAGEMENTS 1 CONTACTS 1 SOLUTIONS HOT

1 this month 1 engaged involved with 5 days ago

Overview Contacts (1) Engagements (1) Notes Network

MISSION
USAID leads international development and humanitarian efforts to save lives, reduce poverty, strengthen democratic governance, and help people progress beyond assistance.

GEOGRAPHIC SCOPE
International

DATA INTERESTS
USAID and NASA fund Servir, supporting local efforts to strengthen climate resilience, food and water security, forest and carbon management, and air quality using a wide variety of satellite observations (at least 60 instruments). Many satellite-related projects done through SilvaCarbon and Servir, often in partnership with scientists in countries receiving aid.

SOLUTIONS ENGAGED
AQ_PANDORA

SEP-NSITE Comms-NSITE

Characteristic	Solution Provides	Stakeholders Requested	Gap?
Horizontal Resolution	30 m	10 m - 30 m (21), 1 m - 5 m (13), 5 m - 10 m (13) +5 more	✓
Vertical Resolution	Not specified	I do not need vertically resolved measurements (18), <1 m (12), 1 m - 10 m (12) +2 more	⚠
Temporal Frequency	1.6 days	Multiple times per week (15), Weekly (14), Daily (13) +8 more	✓

Survey Years: 2020 (42), 2022 (18), 2024 (14) | Unique Submitters: 44 | Avg Satisfaction: 60%

Generated: 1/27/2026, 9:32:32 AM | 47 solutions | 2049 needs

LIVE DEMO

SEP Dashboard → Agencies → USAID
Reports → Need Alignment Report → HLS-VI

Q3: Unexplored Growth Opportunities?

Cold Agency Indicators

- Agencies with no recent contact
- Engagement score below threshold
- Visual indicators (blue = cold)
- Prioritization recommendations

Department Reach Report

- Coverage by department
- Penetration percentages
- White space analysis
- Target recommendations

Outreach & Events Module

- Track upcoming conferences and events
- Identify networking opportunities
- Generate prep reports with guest profiles
- Export to Google Docs for meetings

Demo: Finding Growth Opportunities

The screenshot shows the SEP Dashboard for the U.S. Agency for International Development (USAID). At the top, there's a blue header bar with the USAID logo and the text "U.S. Agency for International Development". Below this, a sub-header says "Agency" and has a "Website" link. A navigation bar includes "Log Engagement", "Add Contact", and "Website" buttons. The main content area displays four key metrics: "1 ENGAGEMENTS" (1 this month), "1 CONTACTS" (1 engaged), "1 SOLUTIONS" (involved with), and "HOT" (5 days ago). Below these are tabs for "Overview", "Contacts (1)", "Engagements (1)", "Notes", and "Network". The "Network" tab is selected, showing a network graph with nodes for "Office of Energy Efficiency and Renewable Energy" and "AQ_PANDORA". The graph has three nodes connected by dashed lines.

The screenshot shows the ESRI FedGIS Prep Report interface. At the top, there are buttons for "Details", "Guest List", "Prep Report", "Generate Prep Report", and "Export to Doc". The "Prep Report" button is highlighted. Below this is a "Summary" section with counts: 3 Guests, 3 Agencies, and 0 Connections. The next section is "Agencies Represented", listing "Bureau of Indian Affairs" (1 contact), "NASA" (1 contact), and "Unknown" (1 contact). The final section is "Conversation Starters", which lists three individuals: David Vogt, Jenny Wood, and Sierra Brown, each with their hobbies, goals, and interests.

LIVE DEMO

SEP Dashboard → Agencies → USAID → [Network Map](#)
Comms → Events → ESRI FedGIS → [Prep Report](#)

MO Viewer: Answering SEP Questions

Q1: What's New?

Implementation Dashboard & Activity Logs
track all recent stakeholder interactions

Q2: Meeting Needs?

SEP Dashboard, Agencies & Contacts views
ensure comprehensive stakeholder coverage

Q3: Growth?

Cold indicators, Dept Reach & Events
identify and pursue new opportunities

One platform for complete stakeholder engagement visibility

Thank You

Questions?