ALABAMA 9-1-1 BOARD

October 22, 2024
Talk About It Tuesday!

01 Our Team

02 DATAMARK Quarterly VEP Updates

03 Training, Reminders and Giveaway

04 Questions

Our Team

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DATAMARK Technologies VEP v2024.3.1

September 23, 2024

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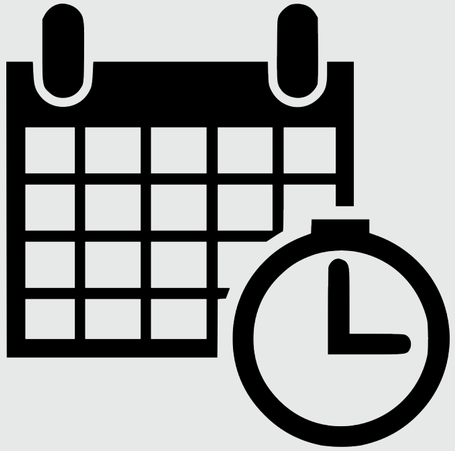
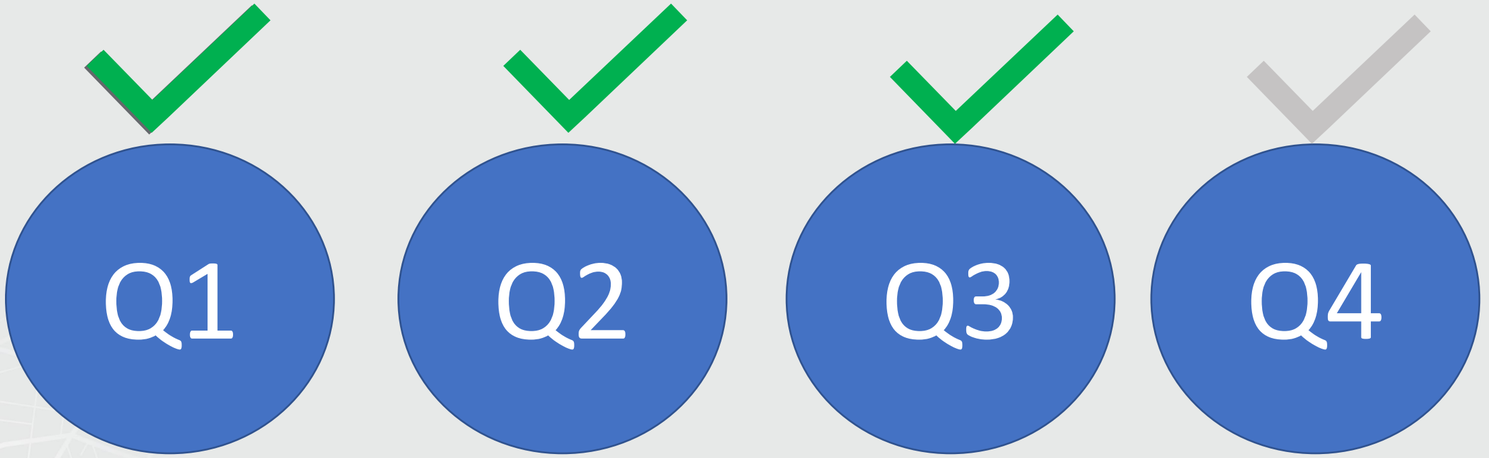
DATAMARK TECHNOLOGIES | The next generation is NOW!

Release Schedule

- Quarterly Release Cycle
  - March
  - June
  - September
  - December
- Intermediary Releases
- Hotfixes





DATAMARK TECHNOLOGIES

The next generation is NOW!

Admin

Admin

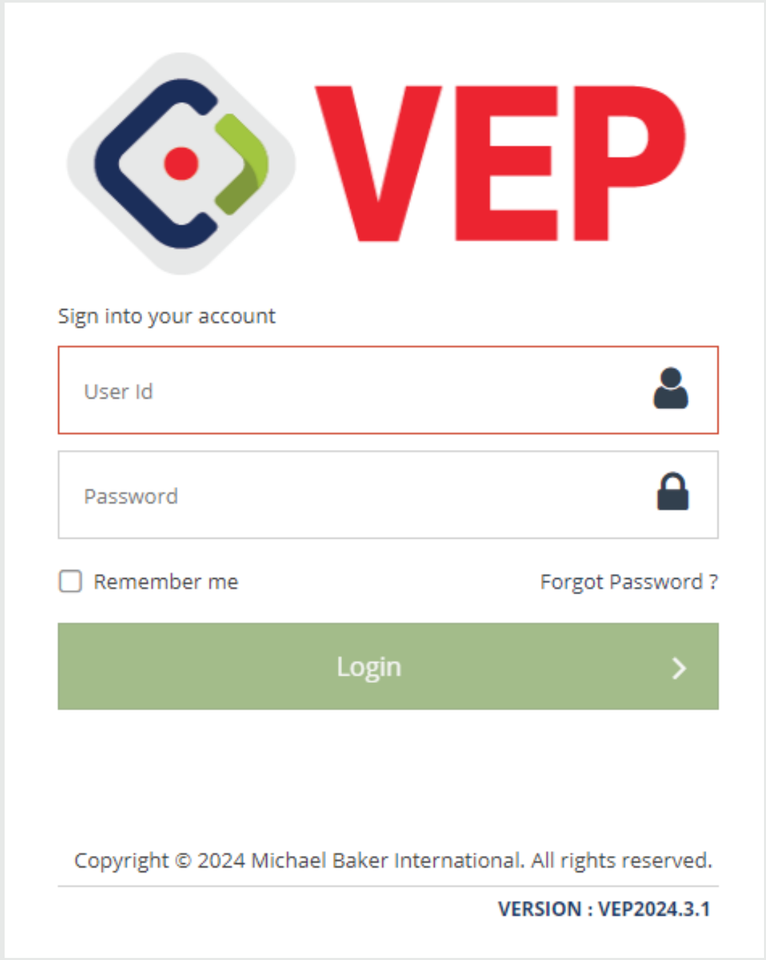
Added Ability to Lock a Schema (E, V, S)

As part of the Manage Schemas module, administrators can now lock an upload schema to prevent it from being edited by other users.

Admin

VEP Logo Updated (E, V, A, S)

All VEP users will now see the updated VEP logo when logging into VEP.



Downloads

Downloads

Updated Domains for the NENA V2 Downloads (E, V, A, S)

The NENA V2 Downloads now include domains based on the NENA V2 standards.

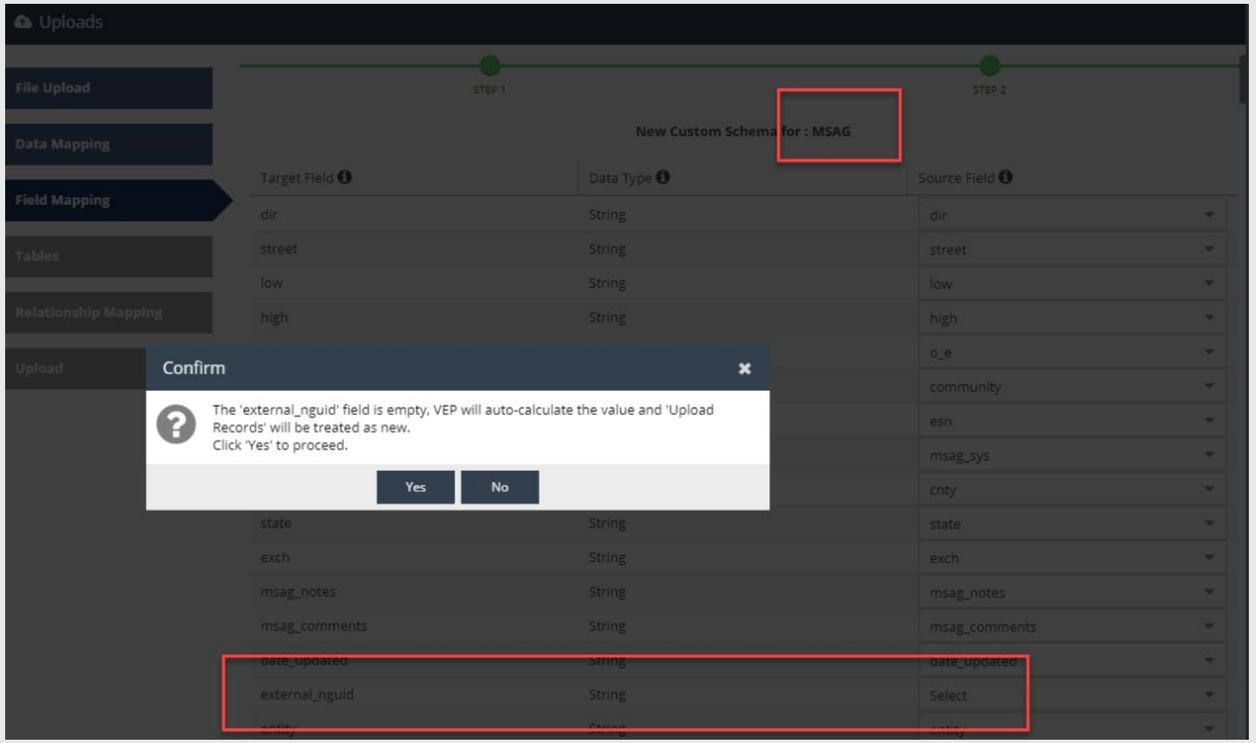
Country	Country	Text	✓			2
State	State or Equivalent (A1)	Text	✓	StateOrEquivalentA1		2
County	County or Equivalent (A2)	Text	✓	CountyOrEquivalentA2		100
AddCode	Additional Code	Text	✓			6
AddDataURI	Additional Data URI	Text	✓			254
Inc_Muni	Incorporated Municipality (A3)	Text	✓			100
Uninc_Comm	Unincorporated Community (A4)	Text	✓			100
Nbrhd_Comm	Neighborhood Community (A5)	Text	✓			100
AddNum_Pre	Address Number Prefix	Text	✓			15
Add_Number	Address Number	Long	✓	AddressNumber		
AddNum_Suf	Address Number Suffix	Text	✓			15
St_PreMod	Street Name Pre Modifier	Text	✓			15
St_PreDir	Street Name Pre Directional	Text	✓	StreetNameDirectional		10
St_PreTyp	Street Name Pre Type	Text	✓	StreetNameType		50
St_PreSep	Street Name Pre Type Separator	Text	✓	StreetNamePreTypeSeparator		20
St_Name	Street Name	Text	✓			254
St_PosTyp	Street Name Post Type	Text	✓	StreetNameType		50
St_PosDir	Street Name Post Directional	Text	✓	StreetNameDirectional		10
St_PosMod	Street Name Post Modifier	Text	✓			25
LSt_PreDir	Legacy Street Name Pre Directional*	Text	✓	LegacyStreetNameDirectional		2
LSt_Name	Legacy Street Name*	Text	✓			75
LSt_Typ	Legacy Street Name Type*	Text	✓			4
LSt_PosDir	Legacy Street Name Post Directional*	Text	✓	LegacyStreetNameDirectional		2
ESN	ESN*	Text	✓	ESN		5
MSAGComm	MSAG Community Name*	Text	✓			30
Post_Comm	Postal Community Name	Text	✓	PostalCommunityName		40
Post_Code	Postal Code	Text	✓	PostalCode		7

Uploads

Uploads

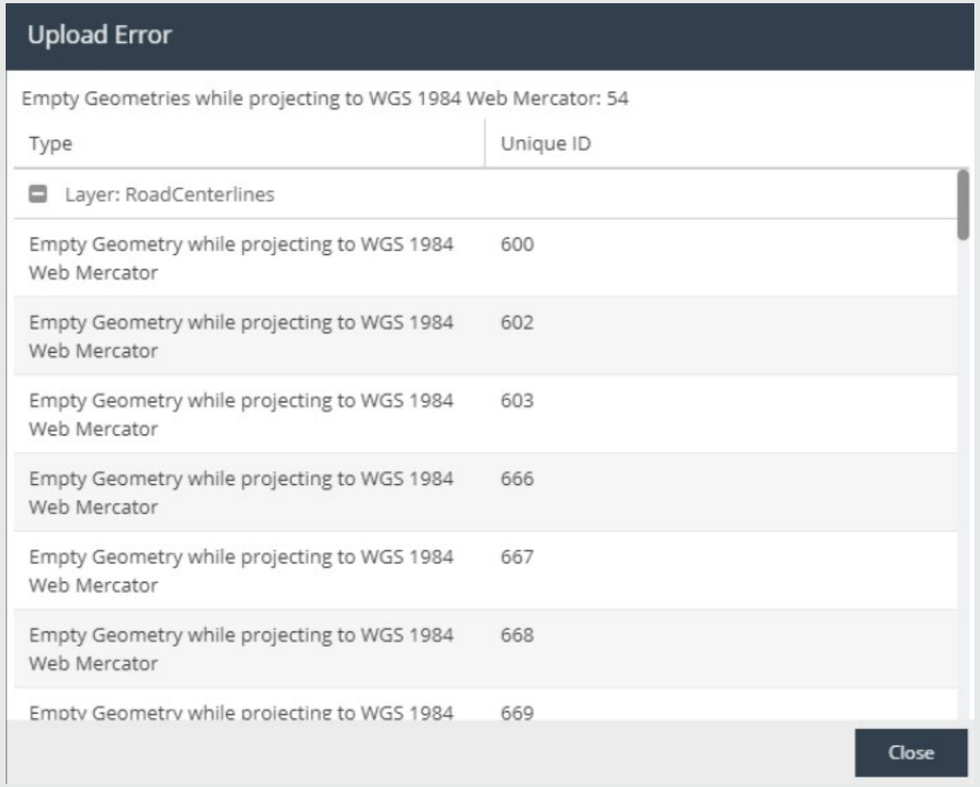
External_NGUID Fields Required for MSAG and ALI Uploads (E, V, S)

If ALI or MSAG records are uploaded into VEP without a populated external_nguid, these records will be populated with an external_nguid based on the current sequential order in the current dataset. MSAG and ALI datasets uploaded into VEP will not have any blank or null external_nguid values.



Uploads

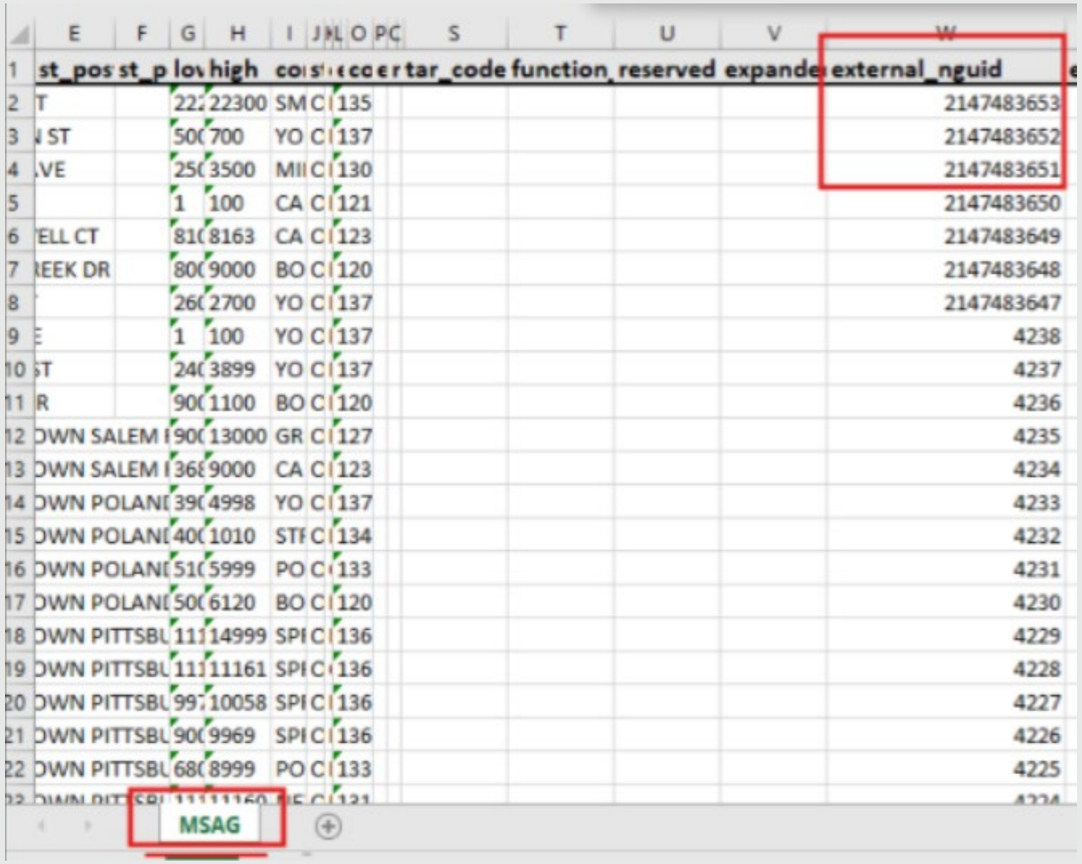
Verification Steps Added to Check for Projection Issues (E, V, S)
Once data is uploaded into VEP, it is projected into Web Mercator. If any features have null geometry after this projection, an error message will identify the issues that need to be addressed before the upload can proceed. This update has also been made for Automated Uploads.



Uploads

Upload Excel Tables with Large External_NGUID Values

Excel tables with external_nguid values greater than 2147483647 can now be uploaded into VEP without any issues.



	E	F	G	H	I	S	T	U	V	W
1	st_pos	st_p	low	high	co	tar_code	function_reserved	expande		external_nguid
2	T		222	22300	SM	135				2147483653
3	ST		500	700	YO	137				2147483652
4	VE		250	3500	MI	130				2147483651
5			1	100	CA	121				2147483650
6	ELL CT		810	8163	CA	123				2147483649
7	EEK DR		800	9000	BO	120				2147483648
8			260	2700	YO	137				2147483647
9	E		1	100	YO	137				4238
10	ST		240	3899	YO	137				4237
11	R		900	1100	BO	120				4236
12	OWN SALEM		900	13000	GR	127				4235
13	OWN SALEM		368	9000	CA	123				4234
14	OWN POLAN		390	4998	YO	137				4233
15	OWN POLAN		400	1010	ST	134				4232
16	OWN POLAN		510	5999	PO	133				4231
17	OWN POLAN		500	6120	BO	120				4230
18	OWN PITTSBU		111	14999	SP	136				4229
19	OWN PITTSBU		111	11161	SP	136				4228
20	OWN PITTSBU		997	10058	SP	136				4227
21	OWN PITTSBU		900	9969	SP	136				4226
22	OWN PITTSBU		680	8999	PO	133				4225

MSAG

Automated Uploads (Premium Feature)

Automated Uploads

Ability to Upload Markups Added to the Automated Upload Tool (E, V, S)
The option to include markups has been added to the Automated Upload Tool. Users can now upload both data and markups in the same workflow.

Automated Uploads Occur Immediately Upon Submission (E, V, S)
Unless a job is scheduled for a later date or time, automated uploads are now submitted immediately upon upload. Previously, automated uploads occurred nightly.

Please navigate to the Automated Upload Tool's website to download the latest version of the tool.

Reports

Reports

NENA 98% Compliancy Report Updates (E, V, A, S)
For Aggregator users, the NENA 98% Compliance Report will now show all jurisdictions, even if the MSAG or ALI validations have not been run or if they haven't produced any results. Also, the validation anomalies associated with MSAG values that are not reflected in the RCL range (VAL36B-1, VAL36B-2) have been removed from the MSAG No GIS anomaly count and totals.

VEP

NENA Compliancy Report Details - 09/04/2024

History	Jurisdiction	# AP Features	# RCL Feature	# ALI Records	# MSAG Records	MSAG no GIS	GIS no MSAG	MSAG to RCL % Match
09/04/2024	Test County	29141	14480	8655	2923	83	649	94.94%

MSAG Updates

MSAG Updates

MSAG Fields Reordered in Web Map Attribute Table (E, A)

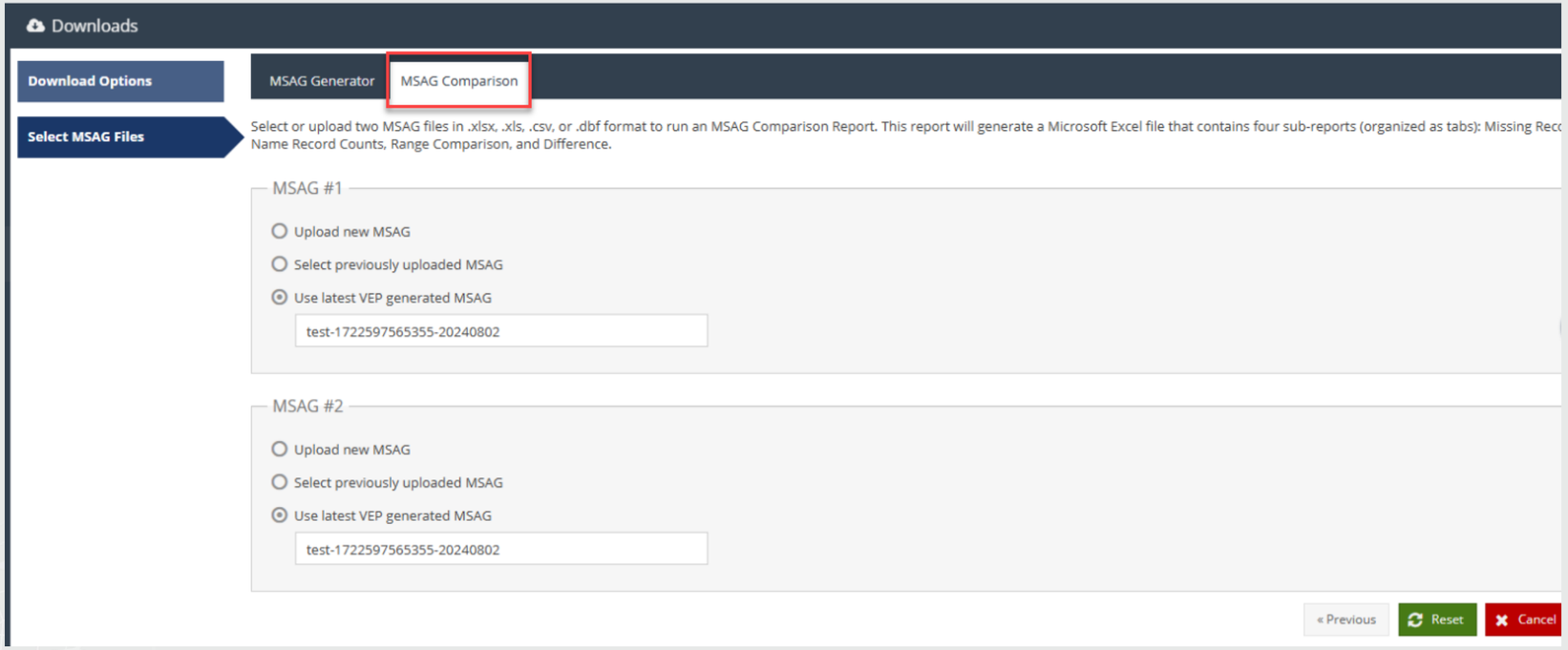
In the previous VEP release, the MSAG schema was updated to include additional fields. This update applies the previous updates' field order to the MSAG attribute table within VEP.

MSAG Generator (Premium Feature)

MSAG Updates

Ability to View Previously Generated MSAGs and MSAG Comparisons Added for Editor and Validator Roles (E, V, A, S)

The "GIS MSAG Download Requests" and "MSAG Comparison Reports" tabs in the MSAG Generator are now available for Editors and Validators. Admins, Data Admins, Validators, and Editors with access to the MSAG Generator will all be able to view these results and information.

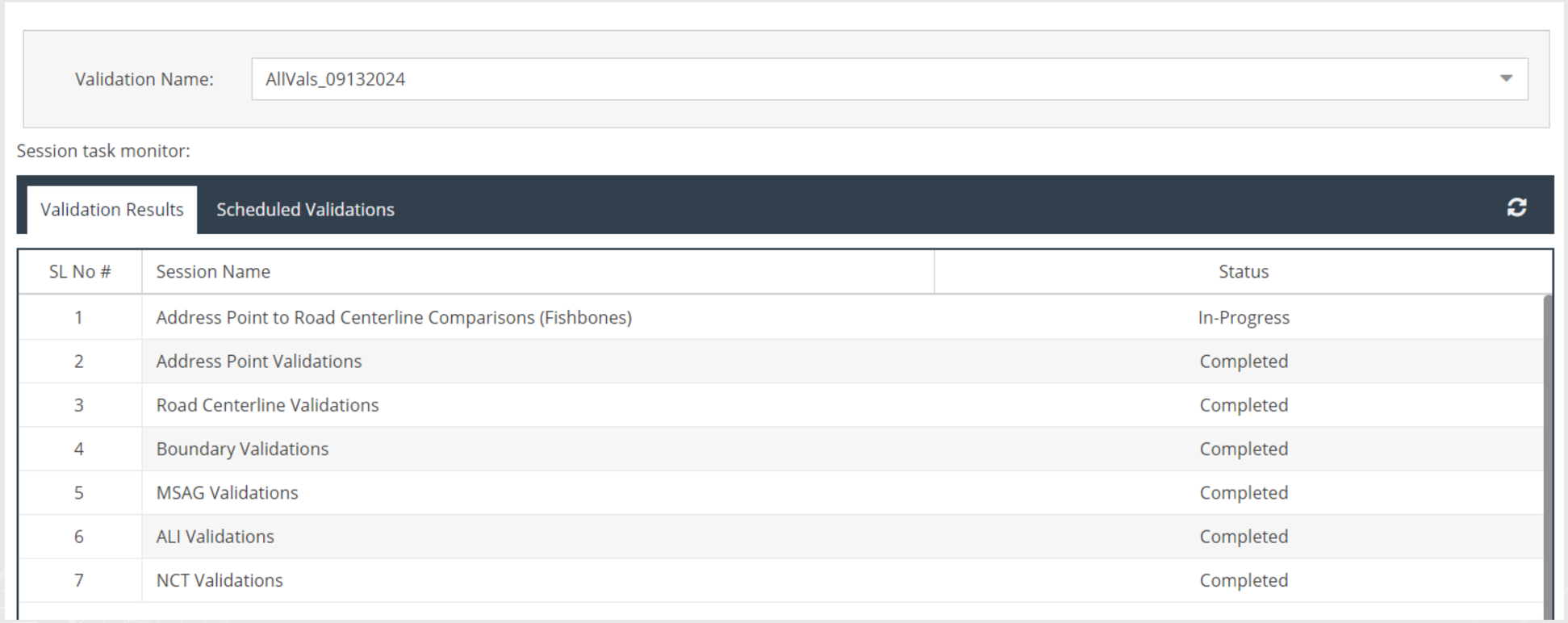


Validations

Validations

Validation Results Tab Updates (E, V, A, S)

The validation results tab will no longer display a progress bar for the status of a validation run. Instead, this bar will only show as a text field when the run is "In-Progress" or "Completed".



SL No #	Session Name	Status
1	Address Point to Road Centerline Comparisons (Fishbones)	In-Progress
2	Address Point Validations	Completed
3	Road Centerline Validations	Completed
4	Boundary Validations	Completed
5	MSAG Validations	Completed
6	ALI Validations	Completed
7	NCT Validations	Completed

Validations

MSAG Range Not Reflected in RCL Range Validations Removed (E, V, S) MSAG range not reflected in RCL range validations (VAL36B-1 and VAL36B-2) have been completely removed from the MSAG validations and will no longer flag anomalies.

Validation ID	Validation Name	Description	Mark up Outp ut	Fields Used in Logic
VAL36B-1 VAL36B-2	MSAG Range Not Reflected in RCL Range	MSAG low value is less than Road Centerline range values[1] MSAG high value is greater than Road Centerline range values[2]	Table	dir street low high community esn

Validation Bug Fixes

Validation Bug Fixes

ALI Not Reflected in RCL Flagging Incorrect Anomalies When ESN Values have Leading Zeroes (E, V, S)
This bug fix addresses the issue of ALI records not matching correctly with corresponding RCLs when the ALI records contain one or more leading zeros in the ESN field. This update will be reflected in the ALI Not Reflected in RCL anomalies (VAL40-1).

AP Misordered Along RCL Updates (E, V, S) This bug fix addresses an issue where the validation for AP Misordered Along RCL sometimes did not match the corresponding address point external_nguid. Additional logic fixes associated with this validation have been implemented. This update will be reflected in the AP Misordered Along RCL, which is part of the Fishbone Validations (FB05-1).

Questions?

Please reach out to your Account Manager or submit a question or comment anytime to the DATAMARK Support Center.

Updated Knowledge Base articles and release notes can also be found on the DATAMARK Support Center.

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DECEMBER 9	DECEMBER 10
Decatur, AL	Alabaster, AL

8:00 A.M. - 4:00 P.M.

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Alabama 911 Board Central app

OPEN

to all PSTs

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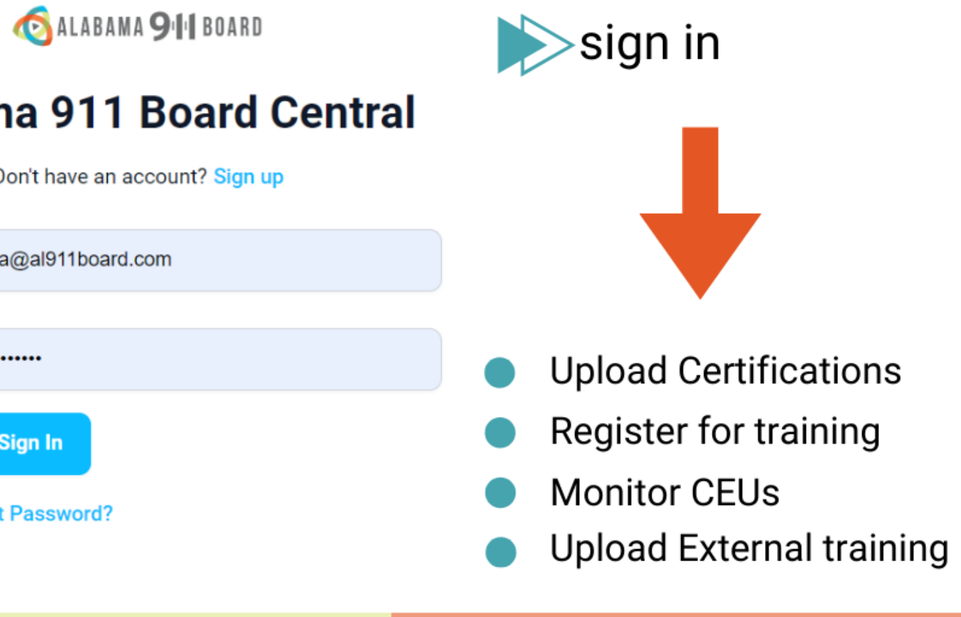

- reset password
- sign in

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- Monitor CEUs
- Upload External training

Questions?: education@al911board.com

FREE TRAINING
FOR 911 PROFESSIONALS

ALABAMA NG911 NETWORK 101:
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NG911 Fundamentals for Effective Daily Operations

Mobile County EMA
7350 Zeigler Boulevard, Mobile, AL 36608

November 4th, 2024
8:00-12:00 | 4 hours of CEUs - LUNCH included!

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INdigital

FREE TRAINING
FOR 911 PROFESSIONALS

ALABAMA NG911 NETWORK 201:
INSIDE THE INFRASTRUCTURE OF ALABAMA'S NG911 NETWORK
ANGEN's technical architecture and its role in enabling NG911 functionalities

Mobile County EMA
7350 Zeigler Boulevard, Mobile, AL 36608

November 4th, 2024
1:00-5:00 p.m. | 4 hours of CEUs

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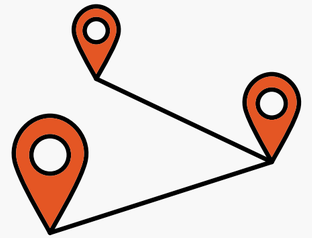
DEADLINES AND REMINDERS

Are you hiring?

We can post your job openings to our website. Email Michelle the job description including closing date.

Are you looking for a job?
Check our website for openings.

Upload, validate, aggregate your GIS data to the State office VEP.

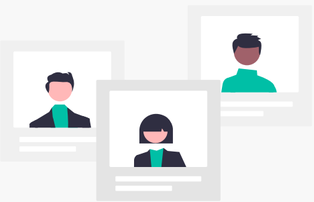


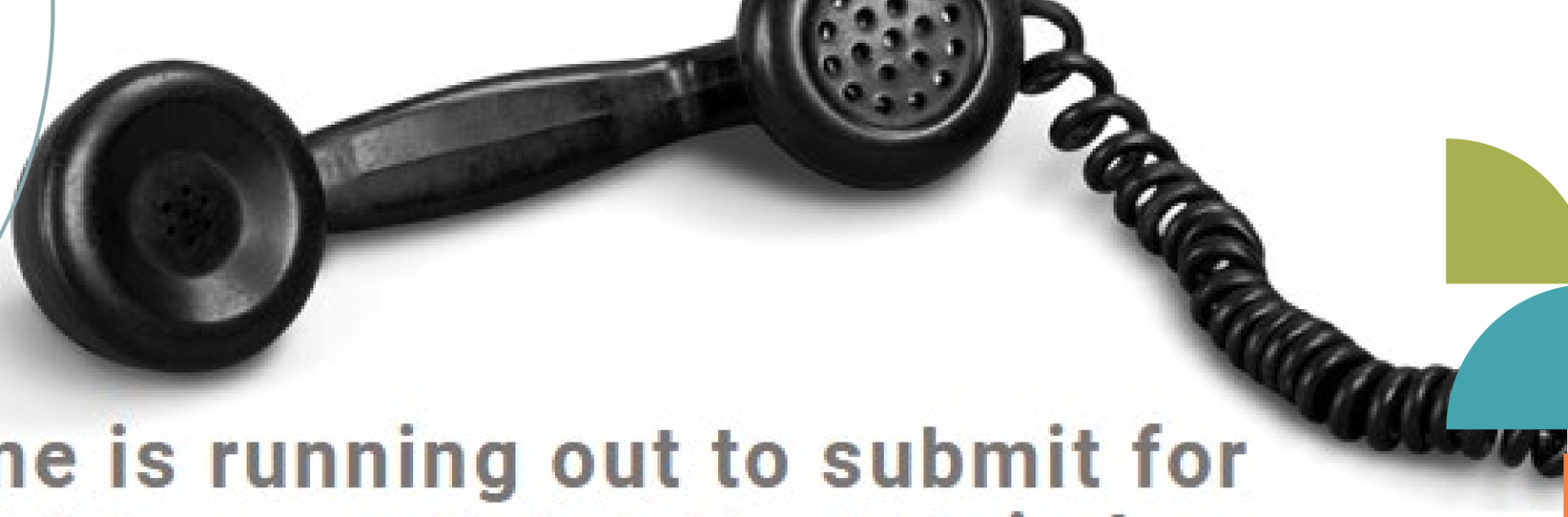
PST CERTIFICATION REIMBURSEMENT

Request for Payment for PST Certification submissions made by the 10th will be paid out at the end of the month. Anything submitted after the 10th will be paid at the end of the following month. You can find more information on our website.

STAFFING CHANGES

Have you had a staffing change, please log into the ABC App and make the needed changes. Haven't signed up yet? You can by clicking here.





Time is running out to submit for FY24 Legacy 9-1-1 Cost Reimbursement

Final Deadline: December 10

Next Deadline: November 10

UPCOMING TALK ABOUT IT TUESDAY WEBINARS

November 12

No TAIT Board Meeting Week

Thanksgiving Week

INdigital
SM

Questions?

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