ALABAMA 9-1-1 BOARD

January 28, 2025
Talk About It Tuesday!

01 Our Team

02 DATAMARK Quarterly VEP Updates

03 Training and Reminders

04 Questions

Sara Wonder, GISP
DATAMARK Technologies

DATAMARK VEP Quarterly Updates

DATAMARK Technologies VEP v2024.4.1

December 16, 2024

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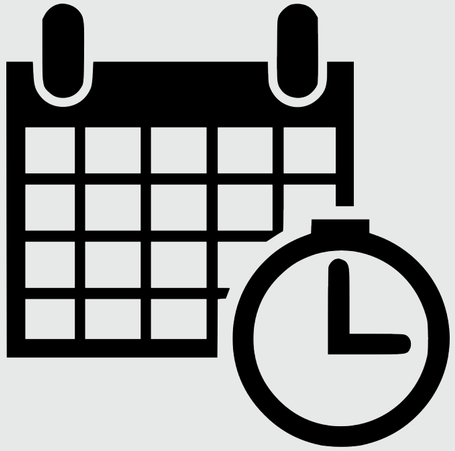
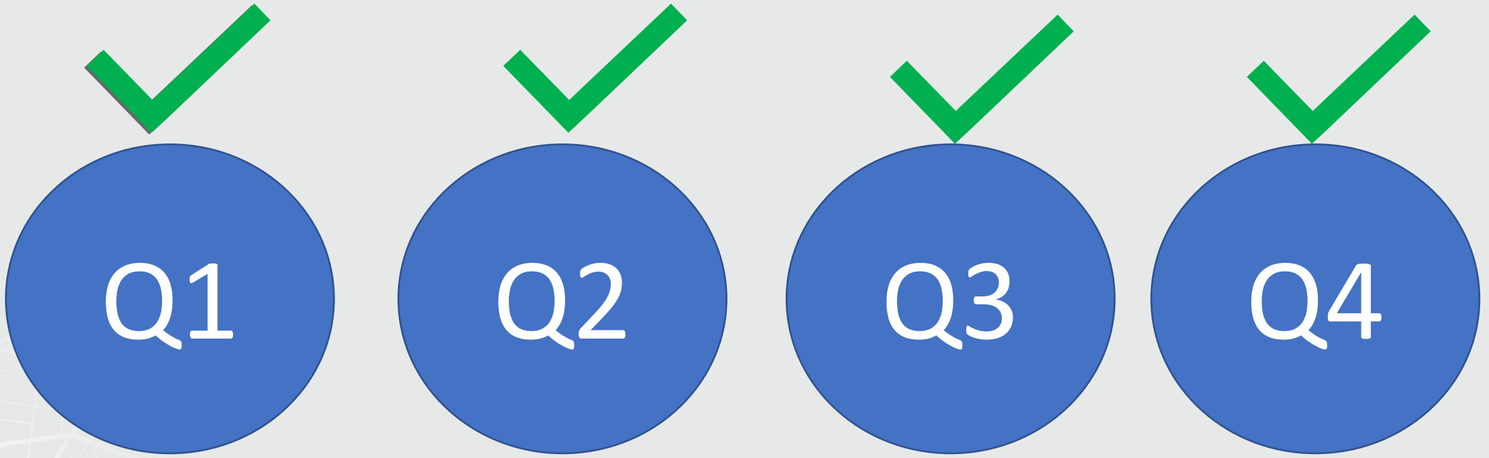
DATAMARK TECHNOLOGIES | The next generation is NOW!

Release Schedule

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





DATAMARK TECHNOLOGIES

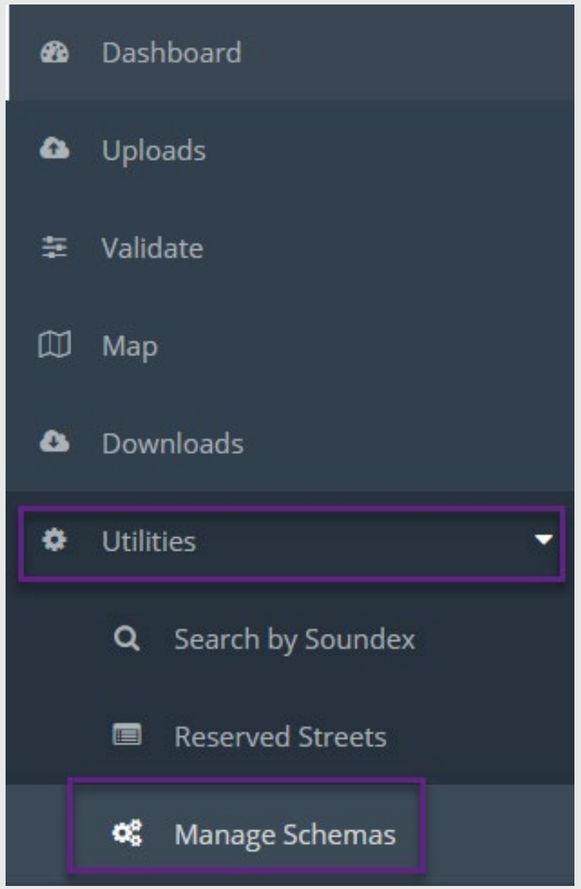
The next generation is NOW!

Admin

Admin

Moved “Manage Schemas” to the Utilities Page (E, V, S)

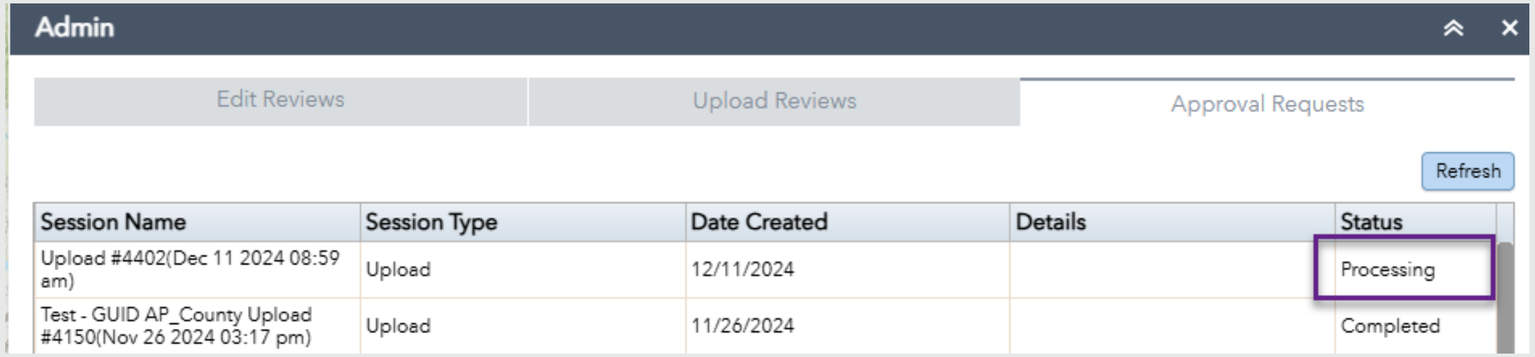
The functionality to manage schemas has been relocated from the Admin Module to the Utilities Module.



Admin

Updated Approval Status in the Admin Widget (E)

Once an upload or edit is approved in the Admin Widget, the approval status will display as “processing” instead of “pending” while the request is completed.



Downloads

Downloads

NENA V2 Download Enhancements (E, V, A, S)

Updates have been made to the NENA V2 download to ensure the correct domain values are included.

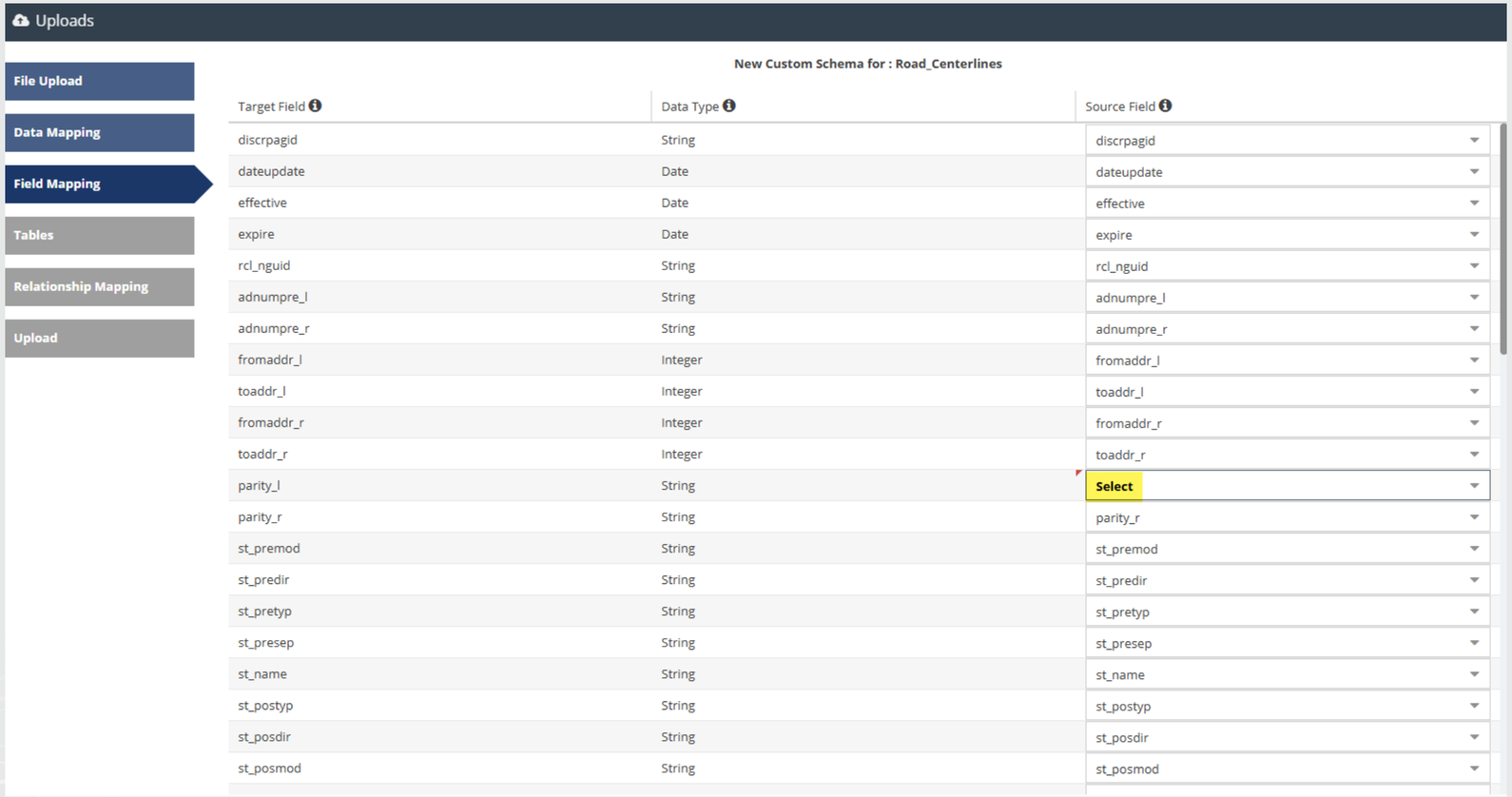
Country	Country	Text	✓			2
State	State or Equivalent (A1)	Text	✓	StateOrEquivalentA1		2
County	County or Equivalent (A2)	Text	✓	CountyOrEquivalentA2		100
AddCode	Additional Code	Text	✓			6
AddDataURI	Additional Data URI	Text	✓			254
Inc_Muni	Incorporated Municipality (A3)	Text	✓			100
Uninc_Comm	Unincorporated 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

Bolded Select Option in Upload Field Mapping (E, V, S)

The “Select” dropdown is now bold during the upload process. This improvement will visually alert users to any missing fields during field mapping.



Dashboard and Reporting

DATAMARK TECHNOLOGIES

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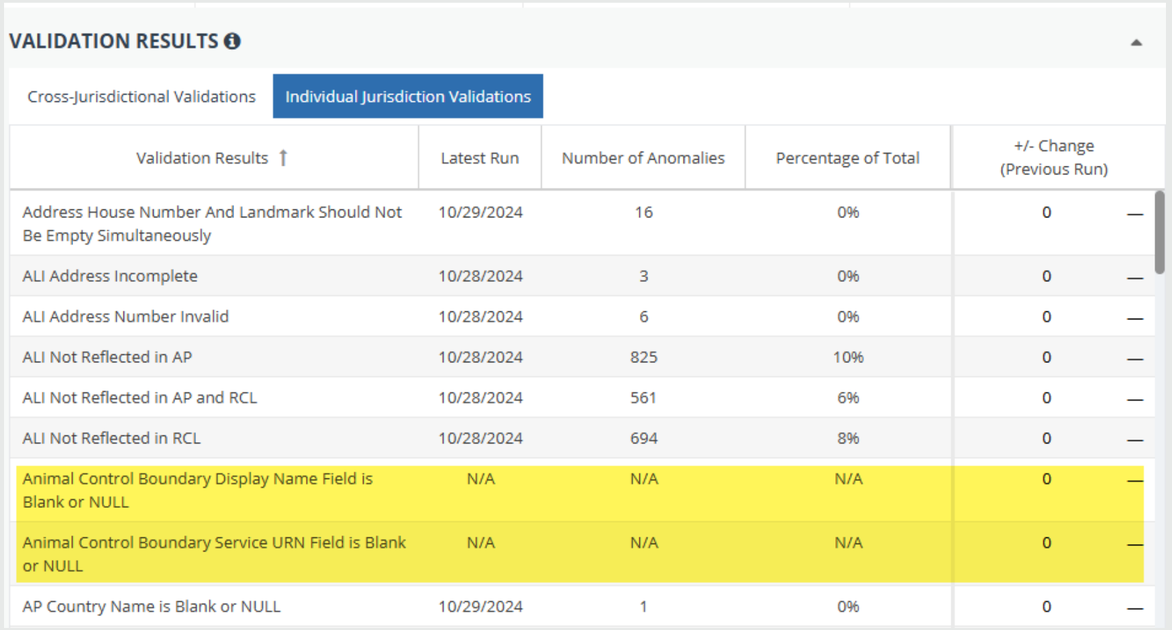
Dashboard and Reporting

All Single Jurisdiction Validations Displayed in Dashboard, Reports, and Downloaded Validation Metrics (E, V, A, S)

All validation results will now be displayed on the dashboard, available for download as validation metrics, and included in the custom validation report. If a validation has never been executed or lacks data for a specific check, it will show as “N/A.” If validations have been executed but resulted in zero anomalies, this will still be indicated as zero values. VEP currently has 131 single jurisdiction validations, all of which will be displayed.



VALIDATION RESULTS

Cross-Jurisdictional Validations | Individual Jurisdiction Validations

Validation Results	Latest Run	Number of Anomalies	Percentage of Total	+/- Change (Previous Run)
Address House Number And Landmark Should Not Be Empty Simultaneously	10/29/2024	16	0%	0 —
ALI Address Incomplete	10/28/2024	3	0%	0 —
ALI Address Number Invalid	10/28/2024	6	0%	0 —
ALI Not Reflected in AP	10/28/2024	825	10%	0 —
ALI Not Reflected in AP and RCL	10/28/2024	561	6%	0 —
ALI Not Reflected in RCL	10/28/2024	694	8%	0 —
Animal Control Boundary Display Name Field is Blank or NULL	N/A	N/A	N/A	0 —
Animal Control Boundary Service URN Field is Blank or NULL	N/A	N/A	N/A	0 —
AP Country Name is Blank or NULL	10/29/2024	1	0%	0 —

DATAMARK TECHNOLOGIES

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Dashboard and Reporting

Validations Grouped by Feature Class in the Downloaded Validation Results (E, V, A, S)
After completing a validation run, the exported results in the Excel table are organized by feature class.

VEP

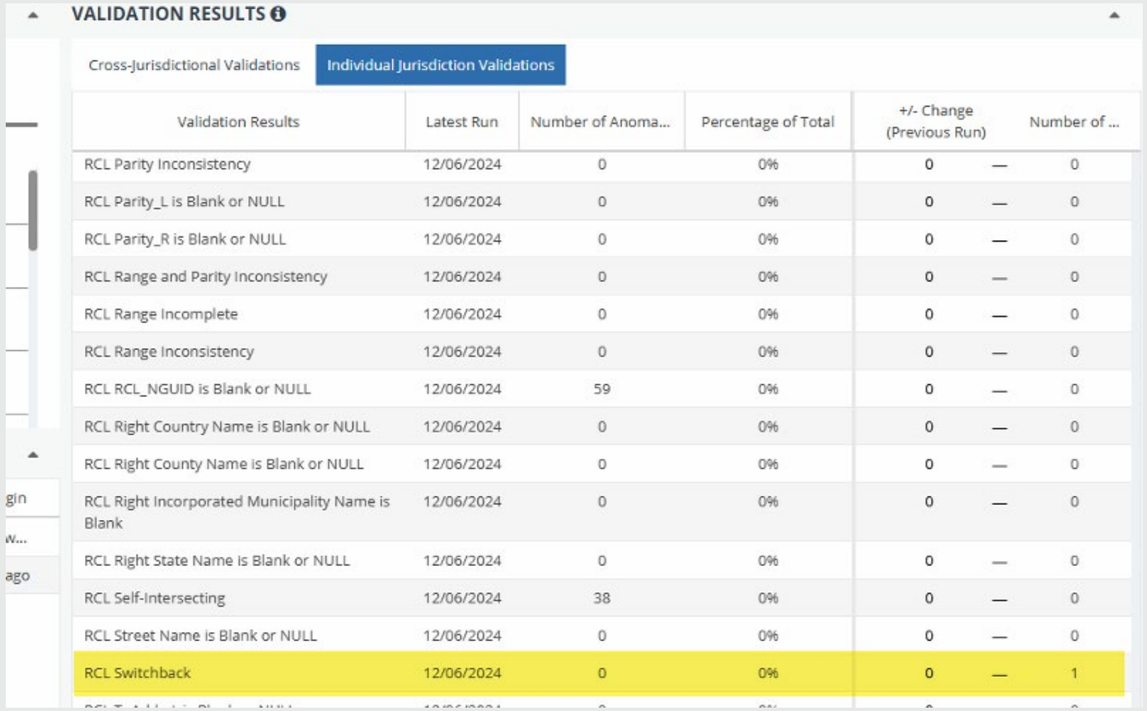
Validation Metrics - AllVals_UATStaging_SW_Test1

Validation Results	Feature Class	Number of Anomalies	Total Feature Count
ALI Address Incomplete	ALI	N/A	0
ALI Address Number Invalid	ALI	N/A	0
ALI Not Reflected in AP	ALI	N/A	0
ALI Not Reflected in AP and RCL	ALI	N/A	0
ALI Not Reflected in RCL	ALI	N/A	0
Animal Control Boundary Display Name Field is Blank or NULL	Animal Control	N/A	0
Animal Control Boundary Service URN Field is Blank or NULL	Animal Control	N/A	0
Coast Guard Boundary Display Name Field is Blank or NULL	Coast Guard	N/A	0
Coast Guard Boundary Service URN Field is Blank or NULL	Coast Guard	N/A	0
EMS Boundary Agency ID Field Missing Attribution	EMS	0	5
EMS Boundary Agency vCard URI Field Missing Attribution	EMS	5	5
EMS Boundary Date Update Field Missing Attribution	EMS	0	5

Dashboard and Reporting

Validations with 100% Marked Exceptions Displayed in Dashboard and Reporting (E, V, A, S)

When specific validations are marked with 100% exceptions, they will still be displayed in the dashboard, downloaded validation results, and validation custom report.



VALIDATION RESULTS

Cross-Jurisdictional Validations | Individual Jurisdiction Validations

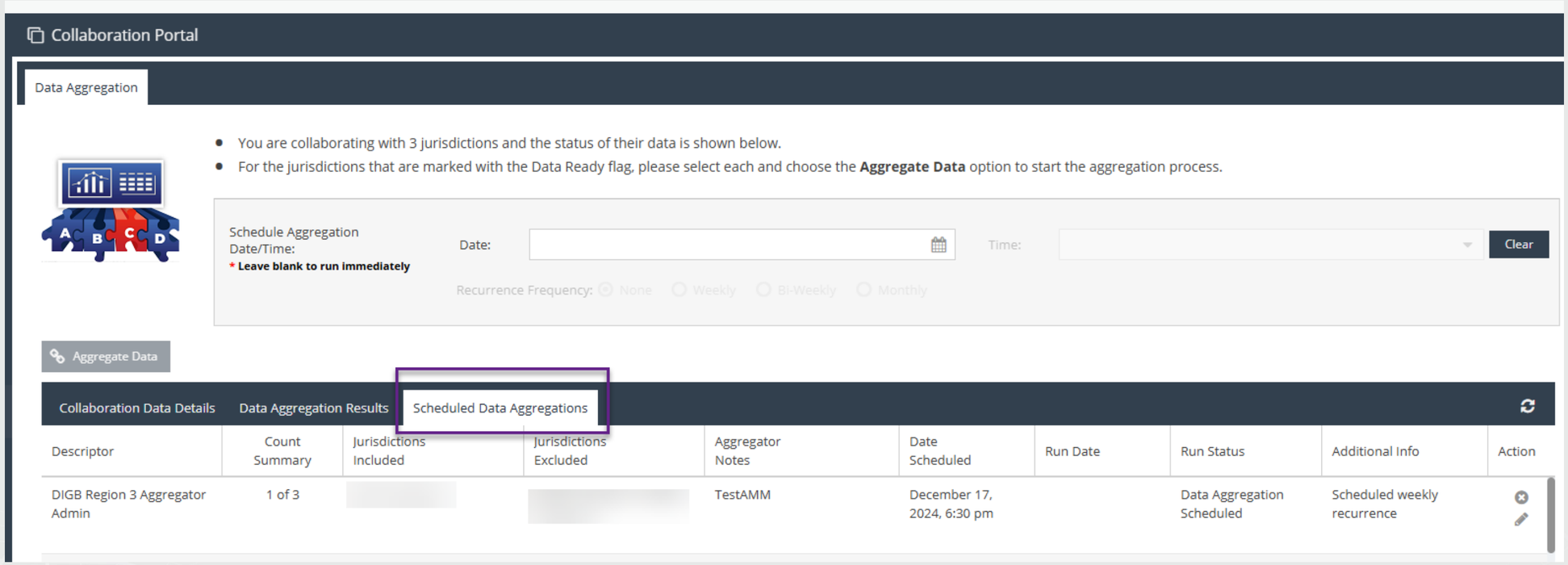
Validation Results	Latest Run	Number of Anoma...	Percentage of Total	+/- Change (Previous Run)		Number of ...
RCL Parity Inconsistency	12/06/2024	0	0%	0	—	0
RCL Parity_L is Blank or NULL	12/06/2024	0	0%	0	—	0
RCL Parity_R is Blank or NULL	12/06/2024	0	0%	0	—	0
RCL Range and Parity Inconsistency	12/06/2024	0	0%	0	—	0
RCL Range Incomplete	12/06/2024	0	0%	0	—	0
RCL Range Inconsistency	12/06/2024	0	0%	0	—	0
RCL RCL_NGUID is Blank or NULL	12/06/2024	59	0%	0	—	0
RCL Right Country Name is Blank or NULL	12/06/2024	0	0%	0	—	0
RCL Right County Name is Blank or NULL	12/06/2024	0	0%	0	—	0
RCL Right Incorporated Municipality Name is Blank	12/06/2024	0	0%	0	—	0
RCL Right State Name is Blank or NULL	12/06/2024	0	0%	0	—	0
RCL Self-Intersecting	12/06/2024	38	0%	0	—	0
RCL Street Name is Blank or NULL	12/06/2024	0	0%	0	—	0
RCL Switchback	12/06/2024	0	0%	0	—	1

RCL Self-Intersecting	Road_Centerlines	38	14480	0%	0
RCL Street Name is Blank or NULL	Road_Centerlines	0	14480	0%	0
RCL Switchback	Road_Centerlines	0	14480	0%	1
RCL ToAddr_L is Blank or NULL	Road_Centerlines	0	14480	0%	0
RCL ToAddr_R is Blank or NULL	Road_Centerlines	0	14480	0%	0

Aggregations

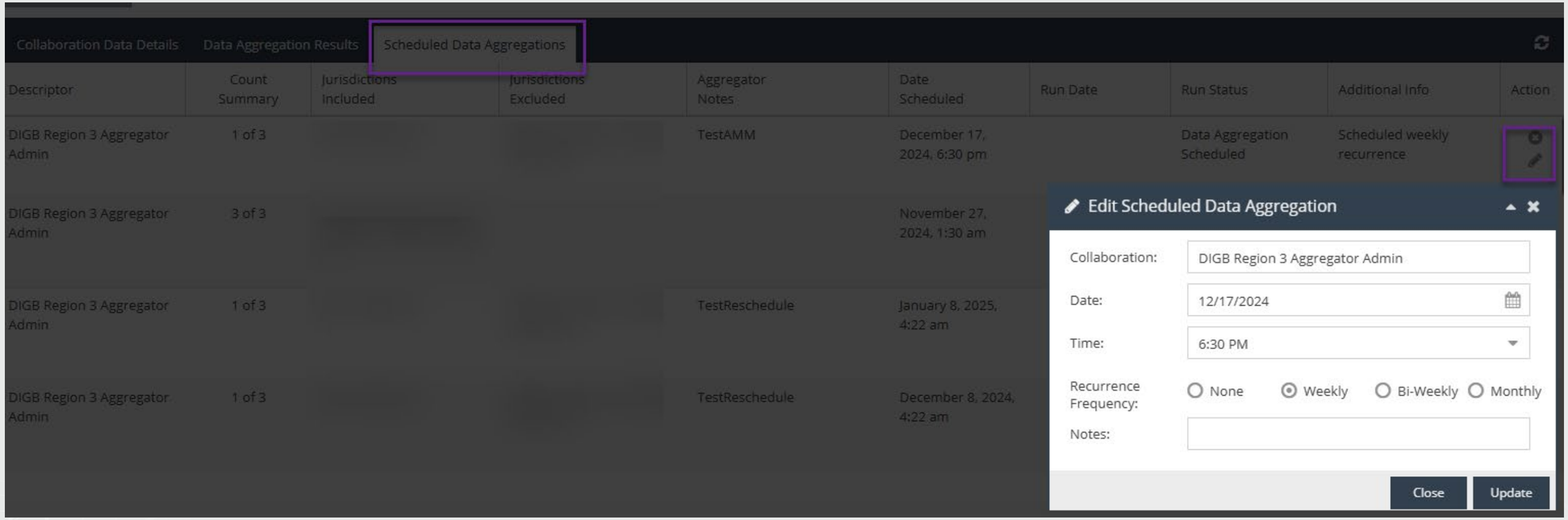
Aggregations

Updates to Collaboration Portal Pages (E, V A)
Improvements have been made to the Data Aggregator user interface to enhance usability and make it easier to locate both executed and scheduled data ready to be aggregated. A new tab has been added for scheduled data aggregation flags, and the text throughout the page has been revised for better clarity.



Aggregations

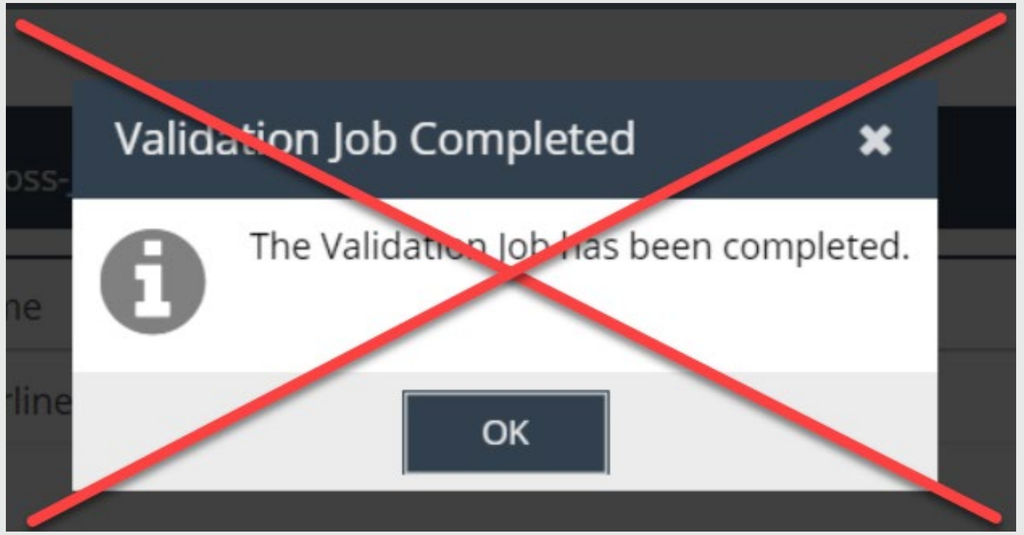
Edit Scheduled Data Aggregations and Ready for Aggregation Scheduling (E, V, A) Multi-jurisdictional collaborators can edit the occurrences of when their data is scheduled to be ready for aggregation. Additionally, Aggregators and Regional Aggregators can edit their scheduled or recurring data aggregations.



Text and Pop-up Updates

Text and Pop-up Updates

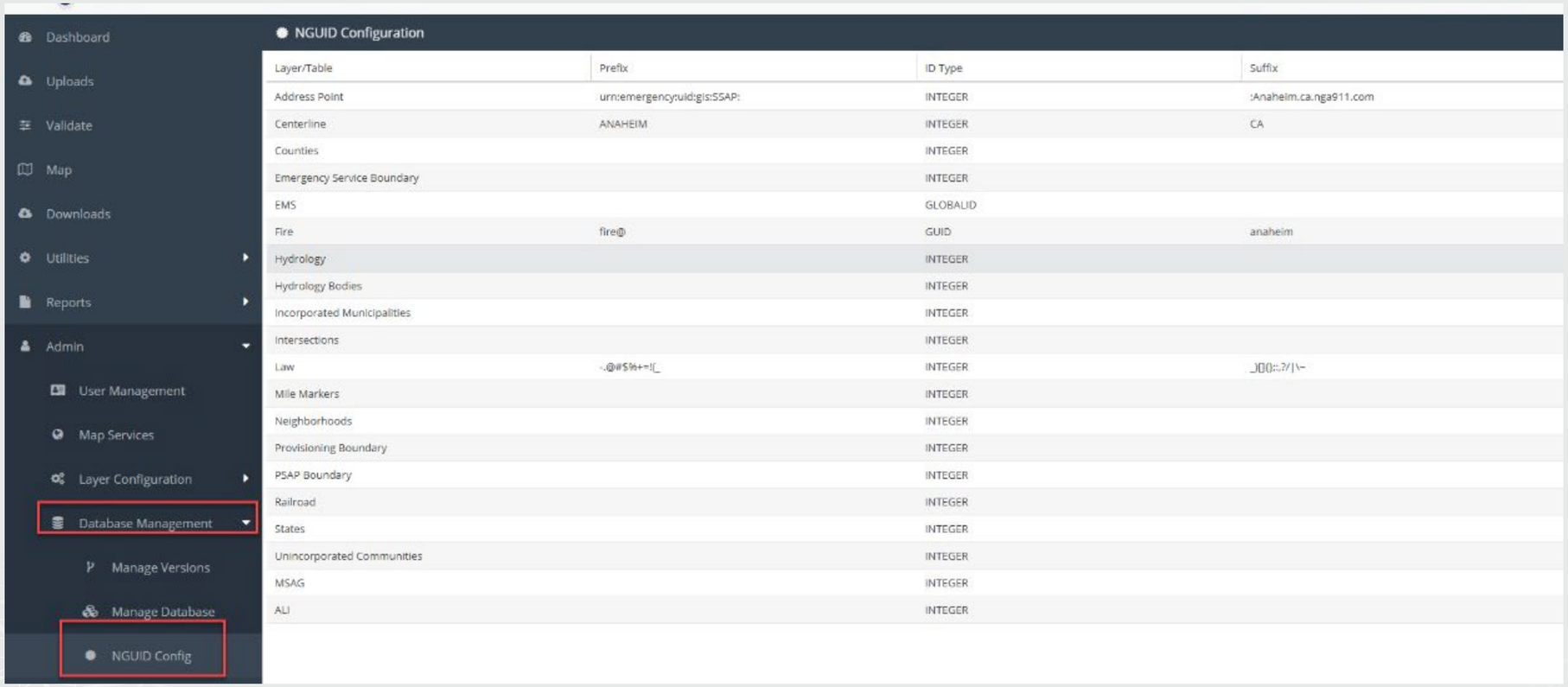
Text and Pop-Up Updates Throughout VEP (E, V, A, S)
To enhance user experience and clarity, we have updated texts and pop-ups throughout VEP. Additionally, many pop-ups have been eliminated to decrease the clicks required to complete workflows.



External NGUID Configuration

External NGUID Configuration

Use Different Types of External NGUIDS in VEP (E, V, S)
VEP can now accept various types of external NGUIDs. Previously, it only supported integer values saved as strings. Now, VEP can handle GUIDs, global IDs, text characters, integers, or a combination of these types of values. External GUIDs are unique to each record in VEP and are essential for tracking your data.



External NGUID Configuration

What Types of External NGUIDS Can Be Used in VEP Now?

- **String**: "EMPLOYEE@56780001", “1257843@GISCountyDept.Gov" *(variable & static parts)*

- **Integer**: "1001", "1002", “654321"

- **GUID**: "123e4567-e89b-12d3-a456-426614174000"

- **GlobalID**: "{F1D37E8D-8F5D-4EFD-BE13-FC8E22B7C3A1} "

- **Combos with GUIDs & GlobalIDs**:
  - “{001D23B9-1553-433F-AF9B-FA68BC588CA2}@NCT911.DST.TX.US",
  - “StateGISOffice@456e4567-e89b-12d3-a123-174000426614",

External NGUID Configuration

How Do I Request to Reconfigure My External NGUIDs?

Create a Support Center ticket or reach out to your Client Success Manager (CSM), Annie Cahill.

Considerations:

1. Which layers would you like to have reconfigured?
2. What will be the format or type of your new external_nguid?

Important Note!

- Once the NGUID Configuration has been updated for a particular layer/table and the Save button selected, the data for that layer/table and ALL MARKUPS will be **deleted.**

Automated Uploads (Premium Feature)

Automated Uploads (Premium Feature)

Automated Uploads for Data Coming from a Versioned SDE (E, V, S)

Users uploading data from a versioned SDE will not encounter issues from open edit sessions or versioning conflicts.

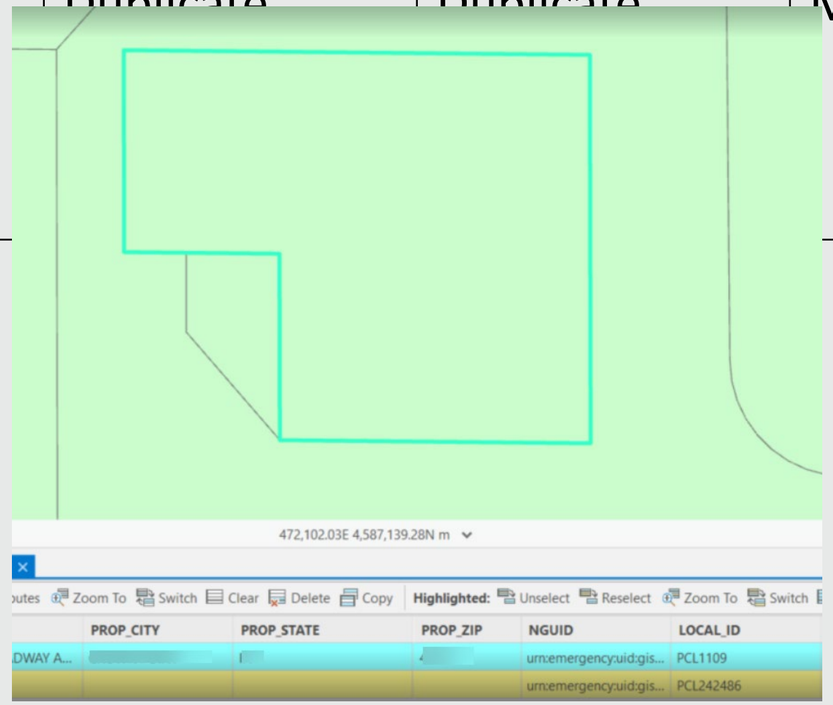
Please navigate to the Automated Upload Tool's website to download the latest version of the tool.

Parcel Validations (Premium Feature)

Parcel Validations (Premium Feature)

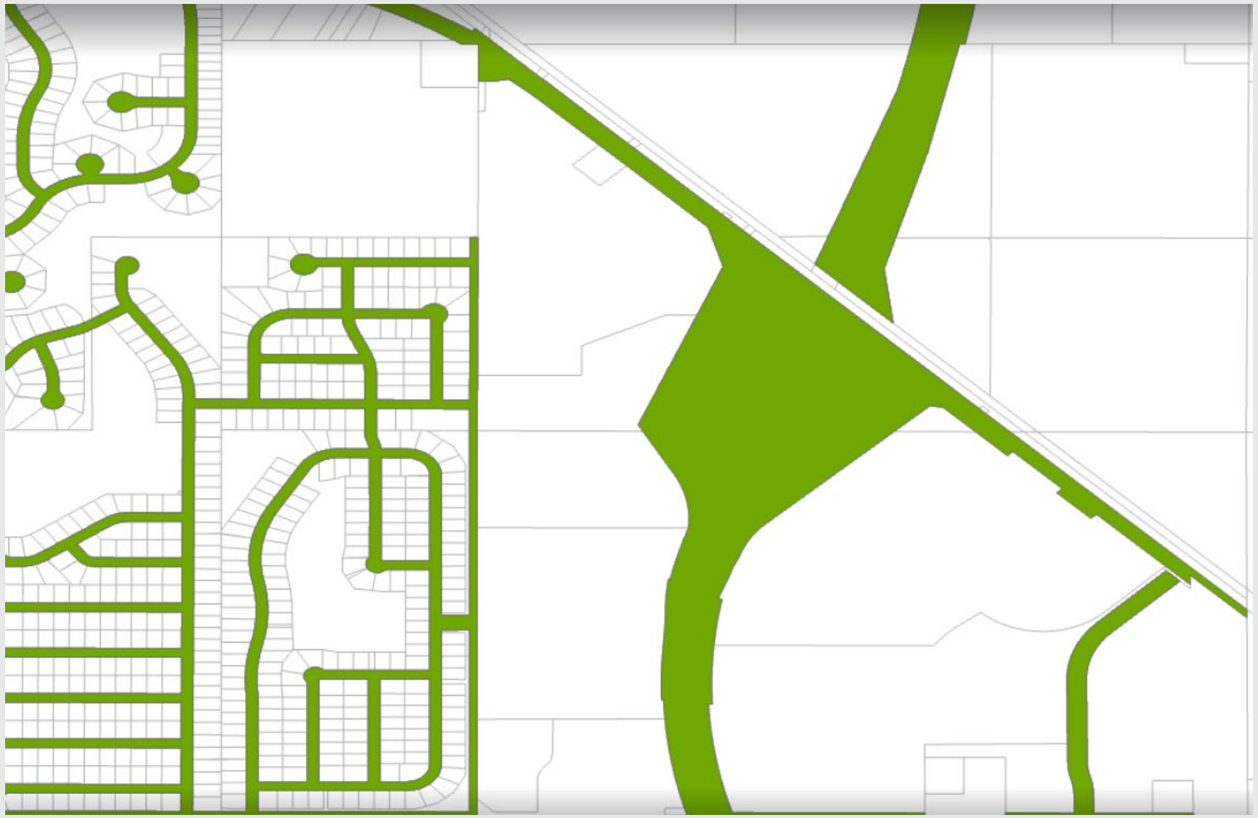
Parcel Has Matching Geometry Validation Added (E, V, S)
A new validation feature has been added to parcel validations (premium feature). This check (PAR-3E) identifies parcels in each dataset with the same geometry.

Validation ID	Violation Name	Violation Description	Markup Type
PAR-3E	Duplicate	Duplicate	Markup_Area



Parcel Validations (Premium Feature)

Improvements to the Parcel Gap and Overlap Validations (E, V, S)
Logic improvements have been made to the checks for parcel overlaps and gaps. All overlaps and gaps will now be flagged, even if they occur in rights-of-way or bodies of water.



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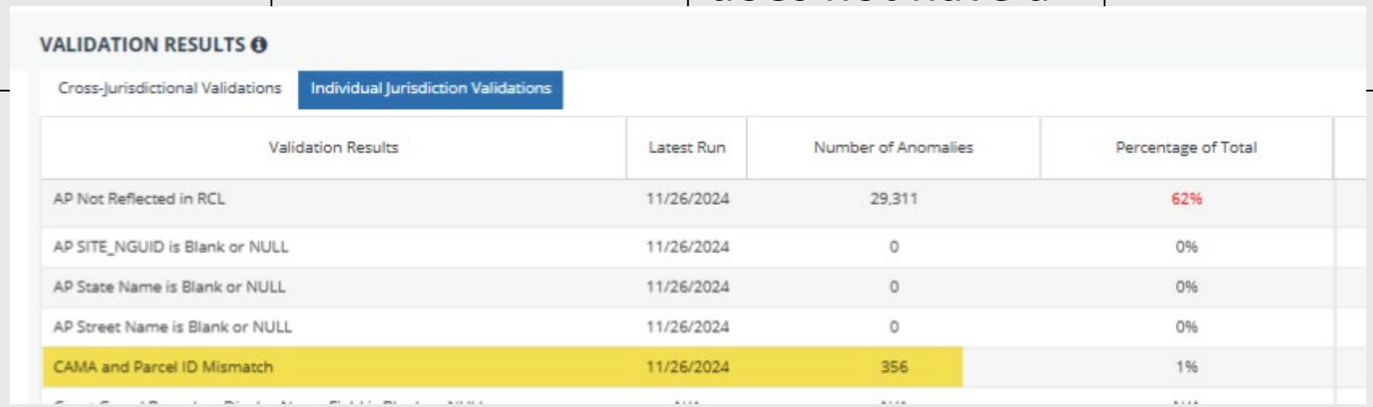
Parcel Validations (Premium Feature)

Updated Validation Name for CAMA and Parcel ID Mismatch (E, V, S)
The validation check for CAMA records without an associated Parcel record has been renamed “CAMA and Parcel ID Mismatch,” it is now associated with PAR-1B.

Validation ID	Validation Name	Description	Markup Output
PAR-1B	CAMA and Parcel ID Mismatch	CAMA Table External NGUID: {external_nguid} does not have a	Table



VALIDATION RESULTS

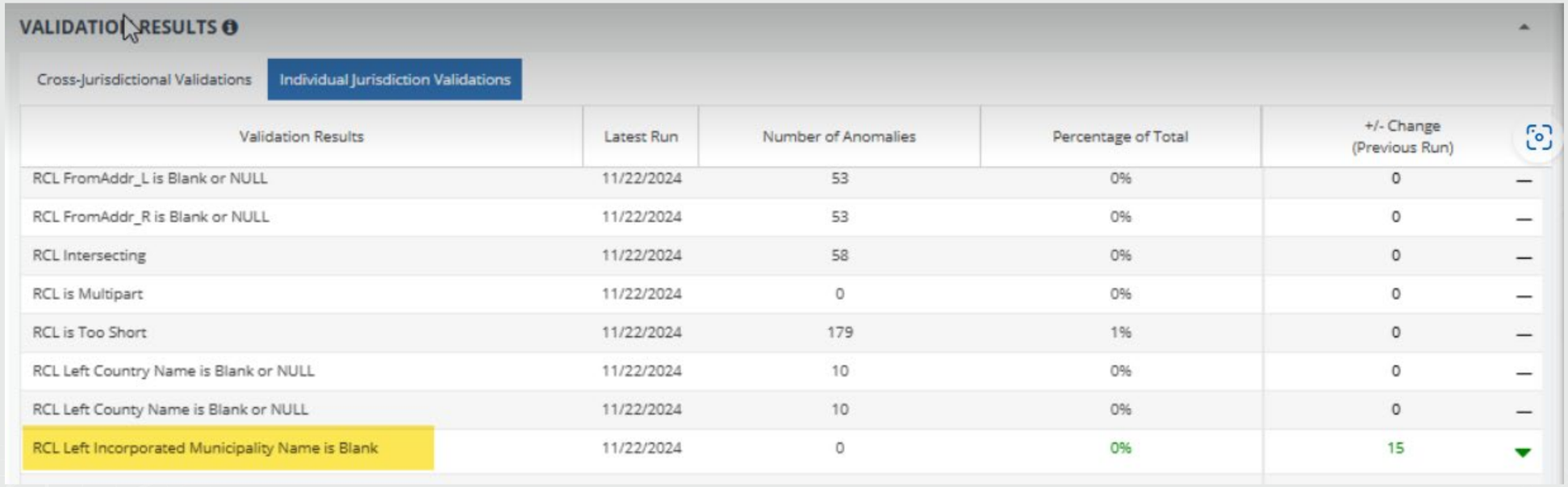
Cross-Jurisdictional Validations | Individual Jurisdiction Validations

Validation Results	Latest Run	Number of Anomalies	Percentage of Total
AP Not Reflected in RCL	11/26/2024	29,311	62%
AP SITE_NGUID is Blank or NULL	11/26/2024	0	0%
AP State Name is Blank or NULL	11/26/2024	0	0%
AP Street Name is Blank or NULL	11/26/2024	0	0%
CAMA and Parcel ID Mismatch	11/26/2024	356	1%

Validations

Validations

Incorporated Municipality is Null Checks Removed from Address Point and Road Centerline Validations (E, V, S)
The null check has been removed from the address point (VAL80-04) and the road centerline incorporated municipality attribute checks (VAL81-05 and VAL81-06). While these validation checks will still identify blank or empty records, they will no longer flag cases where the incorporated municipality fields are null.



Validation Results	Latest Run	Number of Anomalies	Percentage of Total	+/- Change (Previous Run)
RCL FromAddr_L is Blank or NULL	11/22/2024	53	0%	0
RCL FromAddr_R is Blank or NULL	11/22/2024	53	0%	0
RCL Intersecting	11/22/2024	58	0%	0
RCL is Multipart	11/22/2024	0	0%	0
RCL is Too Short	11/22/2024	179	1%	0
RCL Left Country Name is Blank or NULL	11/22/2024	10	0%	0
RCL Left County Name is Blank or NULL	11/22/2024	10	0%	0
RCL Left Incorporated Municipality Name is Blank	11/22/2024	0	0%	15

Validations

RCL Digitized Direction Logic Enhancements (E, V, S)
Enhancements have been made to the validation logic for VAL12-1, specifically for the road centerline directionality that does not match the corresponding order of the address points. If a road centerline has only one address point or only one address point on each side of the segment, this will no longer be flagged. Overall, the logic for this check has been enhanced to improve both consistency and accuracy.

Bug Fixes

Bug Fixes

- **Reorder Fields in the Layer Configuration Module** (E)
  When a field order is changed in the display, this page no longer jumps to the top immediately.

- **Page Arrows Working in the Manage Schema Module** (E, V, S)
  The Manage Schema Module's page arrow functionality allows you to navigate to the next page of saved schemas.

- **Exceptions Removed When Anomalies are Resolved** (E, V, A, S)
  If all anomalies for a given validation are resolved, marked exceptions will be removed from the validation report, results, and dashboard.

Bug Fixes

- **Unmarked Exceptions Persist After Upload and Validation Run** (E, V, A, S)
  Exceptions that are unmarked and uploaded into VEP will continue to maintain their unmarked status after subsequent validation runs.

- **Blank Validation Fields Created from Manage Anomalies Page** (E, V, A, S)
  When anomalies are unmarked on the Manage Anomalies Page, the markup records will keep null values in the status, justification, and comments fields instead of having blank values inserted into those fields.

- **Dashboard Historical Anomaly Charts Displaying Accurate Results Over Time** (E, V, A, S)
  Clicking the red and green arrows on the dashboard will show accurate counts of anomalies over time, depending on the selected time period.

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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Questions for Sara?

40-Hour PST Certification

State Required Course

IAED | International Academies of Emergency Dispatch | ETC

February 10-14, 2025

8:00 a.m. - 5:00 p.m.

FREE to Primary and Secondary PSAPs.

Montgomery, AL

Alabama 911 Board office

1 Commerce St. Ste 620

REGISTER HERE

ALABAMA 911 BOARD

Public Safety Telecommunicator Certification Mandate

!! Required Leadership Meeting !!

To prepare for the January 2025 changes to the PST Certification Mandate Rules, we are requiring attendance from:

- At least one member of **ECD leadership**
- At least one member of **PSAP leadership**

(if they are not the same individual)

- ~~1/8/25- Tuscaloosa~~
- ~~1/9/25- Baldwin Co.~~
- ~~1/17/25- Virtual~~
- ~~1/21/25- Montgomery~~
- ~~1/21/25- Virtual~~
- ~~1/24/25- Madison Co~~
- ~~1/29/25- Pelham~~
- ~~1/30/25- Virtual~~
- 2/3/25- User Conference, B'ham

e. laura@al911board.com p. 334-440-7912

Annual ECD Certification Form

ECD ANNUAL CERTIFICATION VIDEO
https://youtu.be/wOWd4exsVEc

Signing in to myAlabama911
https://youtu.be/7QFCNOAVgIY

daniel@al911board.com

ALABAMA 911 BOARD

FREE TRAINING

provided by ALABAMA 911 BOARD and SEAL 911 SOUTHEAST ALABAMA

ESSENTIAL SUPERVISION

How to Be the Leader Your Center Needs

This class offers essential tools for success in your supervisor role and how to make a positive impact at your center.

REGISTER HERE

TUESDAY
MARCH 18, 2025
Dothan, Alabama
8:00 A.M. - 5:00 P.M.

8 CEUS + LUNCH PROVIDED

app.al911board.com/training-registration

Talk About It Tuesday
February 11
User Conference Recap

Questions?

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