



ALABAMA 9-1-1 BOARD

**December 13, 2022
Talk About It Tuesday!**

Agenda

December 13, 2022

- DATAMARK – MSAG Generator Training
- Reminders & Upcoming Training



MSAG Generator Training

State of Alabama
12/13/2022 – 9 am CST
Mark Whitby, ENP

MSAG Generator™

What is MSAG Generator?

- Allows your road centerlines and MSAG to be truly synchronized
- Generate a new MSAG based off your most recent road centerline data as often as needed
- This is an add-on to your VEP subscription
- Aids in transitioning from Legacy 9-1-1 to the NG9-1-1

MSAG Generator™

MSAG Generator

- Once logged into VEP, click on Downloads
- Click on MSAG Generator icon



Download Options

MSAG Generator™

MSAG Generator

MSAG Comparison

The MSAG Generator™ creates an MSAG file based on the road centerline data in VEP. Select the schema and output format for the new MSAG. A full MSAG file and a Delta file (changes from the last generated MSAG) will be generated.



TIP: For the most accurate MSAG file output, first run address point and road centerline validation checks, make corrections to any anomalies, and then generate your GIS MSAG file.

MSAG Download

Download Schema:

NENA Schema

MSAG File Name:

eg: GIS_MSAG_04052021

Road Centerline Options

Record Type:

Combine sequential Road Centerline records into a single record

MSAG Format

Format:

CSV

Custom Delimiter:

Comma

Semicolon

Pipe

Tab

* File will be available for download on the "View Download Requests" page.

« Previous

Reset

Cancel

Generate GIS MSAG

Instructions and Tips

- Full MSAG file and Delta file
- Run validations for Address Points and Road Centerline, make corrections to any anomalies and then generator your GIS MSAG file

MSAG Download

- Download Schema – you have a choice
 - Native Schema
 - NENA Schema
 - Name your file – recommend using a date

Road Centerline Options

- You have the following options:
 - Maintain sequential Road Centerline records as separate records
 - Combine sequential Road Centerline record into a single record

MSAG Format

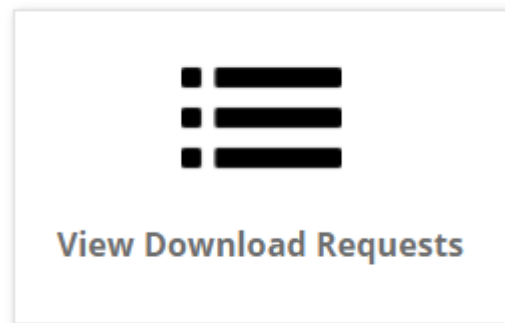
- You have the following options:
 - Excel
 - CSV
 - You can then select delimiter of Comma, Semicolon, Pipe, or Tab

Generate GIS MSAG

- Click on Generate GIS MSAG button
- Message will appear once done
- Redirected to View Download Requests – GIS MSAG Download Requests tab
- You can click under Action to download

Downloads

- Click on View Download Requests
- Click on the GIS MSAG Download Request Tab
- Click on the icon under Action to download



Results

- MSAG Generator Excel spreadsheet
- MSAG Delta File

MSAG Generator File

- GIS_MSAG
- Zero to Number Ranges
- Zero Ranges
- Zero From-To Ranges

MSAG Comparison Tool

Downloads

Download Options

MSAG Generator MSAG Comparison

Select MSAG Files

Select or upload two MSAG files in .xlsx, .xls, .csv, or .dbf format to run an MSAG Comparison Report. This report will generate a Microsoft Excel file that contains four sub-reports (organized as tabs): Missing Records, Street Name Record Counts, Range Comparison, and Difference.

MSAG #1

Upload new MSAG

Select previously uploaded MSAG

Use latest VEP generated MSAG

MSAG #2

Upload new MSAG

Select previously uploaded MSAG

Use latest VEP generated MSAG

« Previous **Reset** **Cancel** Next »

MSAG #1

- Options:
 - Upload new MSAG
 - No spaces allowed in file name
 - Select previously uploaded MSAG
 - Use latest VEP generated MSAG

MSAG #2

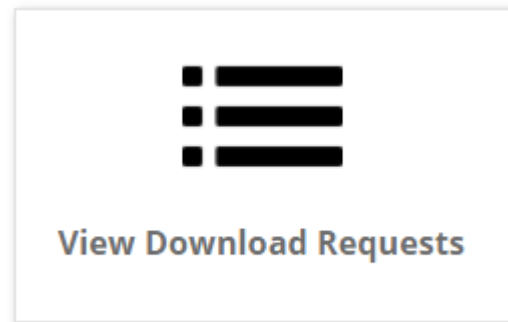
- Options:
 - Upload new MSAG
 - No spaces allowed in file name
 - Select previously uploaded MSAG
 - Use latest VEP generated MSAG

Field mapping

- This is a wizard to complete
 - Can Auto Map for most
- Verify and Execute
- Click blue Execute MSAG Comparison

Downloads

- Click on View Download Requests
- Click on the MSAG Comparison Reports Tab
- Click on the icon under Action to download



Comparing MSAG datasets

- Missing Records
 - Street records that are missing in either file i.e., in A not B
- Street Name Record Counts
 - Count totals for each unique street record
- Range Comparison
 - Identifies road range differences between both files
- Differences
 - This highlights the differences between both files at the field level

VEP Support - Freshdesk

- Available 24/7
- Ability to create a ticket for bug fixes, inquiries (questions), enhancement requests, and outages
- You can also call 757-631-5260 – business hours

Results from MSAG Generator

- Separated
 - 3,590 rows
- Combined
 - 1,390 rows

- Examples from Hoover, AL

Results from MSAG Comparison

- Example from St. Johns County, FL
 - Indigital/Intrado (Verizon)

Questions?

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Thank you!



Reminders and Upcoming Training

We will not have a Talk About it Tuesday on December 20. We will return on December 27 to walk you through the new ECD Certification form.

Upcoming Training [VIEW ALL TRAINING](#)

<i>Dates</i>	<i>Training</i>	<i>Location</i>	<i>Organization</i>	<i>Status</i>	
Dec 14-Dec 15, 2022	Alabama EMD Phase 1 Instructor Course	Montgomery, AL	Alabama 9-1-1 Board	Open	More Info
Jan 30-Feb 03, 2023	IAED Emergency Telecommunicator (ETC)	Montgomery, AL	Alabama 9-1-1 Board	Open	More Info





Questions

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