August 1, 2025 – August 31, 2025







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1. PSAP OPERATIONS

9-1-1 CALL VOLUME MAUI PSAP - AUGUST 2025

Source: Intrado Viper system

								9-1	-1 Call	Volum	Э								
MAI	UI PSAP	Win	eline		Wir	eless		vo	IP	Calls V		Calls w Val		Admir	n Calls		doned Ills	Other	Calls
2025	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls		No. of Calls with No ALI		No. of Calls with No Valaue	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other Calls	% of Total Calls
AUG	9,515	412	4.33%	7,872	82.73%	13.38%	86.62%	355	3.73%	131	1.38%	72	0.76%	0	0.00%	671	7.05%	2	0.02%

"Other Calls" (911) call received with the class of service "TSP". HwnTel/Intrado informed for clarification. Received confirmation from Intrado that the class of service for "TSP" is a Telematics call.

CALL VOLUME MAUI PSAP NOTES:

911 Calls with "no value" for August 2025 = 72 (see report on page 7)

9-1-1 CALL VOLUME MAUI PSAP – CALENDAR YEAR 2025

								9-1	-1 Call	Volum	9								
MAI	JI PSAP	Wii	reline		Wir	eless		vo		Calls v		Calls w Val		Admir	n Calls	Ca	doned Ills	Other	Calls
2025	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls		No. of Calls with No ALI	% of Total Calls	No. of Calls with No Valaue	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other Calls	% of Total Calls
JAN	9,444	626	6.63%	7,417	78.54%	20.48%	79.52%	714	7.56%	3	0.03%	0	0.00%	0	0.00%	676	7.16%	8	0.08%
FEB	8,041	493	6.13%	6,614	82.25%	18.87%	81.13%	318	3.95%	0	0.00%	0	0.00%	0	0.00%	616	7.66%	0	0.00%
MAR	9,097	601	6.61%	7,428	81.65%	17.97%	82.03%	379	4.17%	1	0.01%	0	0.00%	0	0.00%	687	7.55%	1	0.01%
APR	8,756	543	6.20%	7,127	81.40%	17.45%	82.55%	385	4.40%	1	0.01%	89	1.02%	0	0.00%	608	6.94%	3	0.03%
MAY	8,545	482	5.64%	7,052	82.53%	17.27%	82.73%	310	3.63%	0	0.00%	91	1.06%	0	0.00%	610	7.14%	0	0.00%
JUNE	8,208	477	5.81%	6,759	82.35%	15.73%	84.27%	303	3.69%	3	0.04%	64	0.78%	0	0.00%	601	7.32%	1	0.01%
JULY	9,846	485	4.93%	8,138	82.65%	12.94%	87.06%	431	4.38%	62	0.63%	95	0.96%	0	0.00%	634	6.44%	1	0.01%
AUG	9,515	412	4.33%	7,872	82.73%	13.38%	86.62%	355	3.73%	131	1.38%	72	0.76%	0	0.00%	671	7.05%	2	0.02%
SEPT																			
ост																			
NOV																			
DEC																			
YTD	71,452	4,119		58,407				3,195		201				0		5,103		16	
MON AVG	8,932	515	5.78%	7,301	81.76%	16.76%	83.24%	399	4.44%	25	0.26%			0	0.00%	638	7.16%	2.00	0.02%





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9-1-1 CALL VOLUME MOLOKAI PSAP – AUGUST 2025

Source: Intrado Viper system

(*) Totals are based on calls to Primary PSAP.

								9-1	-1 Call	Volume)								
-	LOKAI PSAP	Win	eline		Wir	eless		vo	IP	Calls W		Calls w		Admir	Calls	Aband Ca		Other	Calls
2025	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	Wireless	No. of VoIP Calls		No. of Calls with No ALI		No. of Calls with No Valaue	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other Calls	% of Total Calls
AUG	717	58	8.09%	550	76.71%	28.18%	71.82%	6	0.84%	0	0.00%	5	0.70%	0	0.00%	98	13.67%	0	0.00%

CALL VOLUME MOLOKAI PSAP NOTES:

911 Calls with "no value" for August 2025 = 5 (see report on page 7)

9-1-1 CALL VOLUME MOLOKAI PSAP – CALENDAR YEAR 2025

								9-1	-1 Call	Volum	9								
	LOKAI PSAP	Wii	eline	Wireless			VOIP		Α		Calls w Val		Admir	n Calls		doned Ills	Other	Calls	
2025	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls		No. of Calls with No ALI	% of Total Calls	No. of Calls with No Valaue	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other Calls	% of Total Calls
JAN	601	98	16.31%	406	67.55%	30.05%	69.95%	26	4.33%	0	0.00%	0	0.00%	0	0.00%	71	11.81%	0	0.00%
FEB	501	160	31.94%	256	51.10%	37.11%	62.89%	5	1.00%	0	0.00%	0	0.00%	0	0.00%	80	15.97%	0	0.00%
MAR	623	85	13.64%	420	67.42%	29.76%	70.24%	9	1.44%	0	0.00%	0	0.00%	0	0.00%	109	17.50%	0	0.00%
APR	685	83	12.12%	402	58.69%	34.83%	65.17%	9	1.31%	0	0.00%	31	4.53%	0	0.00%	160	23.36%	0	0.00%
MAY	601	86	14.31%	415	69.05%	42.65%	57.35%	11	1.83%	0	0.00%	5	0.83%	0	0.00%	84	13.98%	0	0.00%
JUNE	509	80	15.72%	368	72.30%	36.14%	63.86%	4	0.79%	0	0.00%	5	0.98%	0	0.00%	52	10.22%	0	0.00%
JULY	601	74	12.31%	434	72.21%	31.80%	68.20%	10	1.66%	0	0.00%	5	0.83%	0	0.00%	78	12.98%	0	0.00%
AUG	717	58	8.09%	550	76.71%	28.18%	71.82%	6	0.84%	0	0.00%	5	0.70%	0	0.00%	98	13.67%	0	0.00%
SEPT																			
ОСТ																			
NOV																			
DEC																			
YTD	4,838	724		3,251				80		0				0		732		0	
MON AVG	605	91	15.55%	406	66.88%	33.81%	66.19%	10.00	1.65%	0	0.00%			0	0.00%	91.5	14.93%	0	0.00%





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9-1-1 CALL VOLUME (COMBINED MAUI & MOLOKAI PSAPS) – AUGUST 2025

								9-1	-1 Call	Volum	Э								
_	COUNTY SAPs	Wir	eline		Wir	eless		VOIP	Calls	Calls V		Calls w		Admii	n Calls	Aban Ca		Other	Calls
2025	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls		No. of Calls with No ALI		No. of Calls with No Valaue	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other Calls	% of Total Calls
AUG	10,232	470	4.59%	8,422	82.31%	14.34%	85.66%	361	3.53%	131	1.28%	77	0.75%	0	0.00%	769	7.52%	2	0.02%

9-1-1 CALL VOLUME (COMBINED MAUI & MOLOKAI PSAPS) – CALENDAR YEAR 2025

								9-1	-1 Call	Volume	9								
	COUNTY SAPs		eline			eless		VOIP		Calls with No ALI		Calls w Val	ue		n Calls	Ca	doned Ills	Other	
2025	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Calls with No Valaue	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other Calls	% of Total Calls
JAN	10,045	724	7.21%	7,823	77.88%	20.98%	79.02%	740	7.37%	3	0.03%	0	0.00%	0	0.00%	747	7.44%	8	0.08%
FEB	8,542	653	7.64%	6,870	80.43%	19.55%	80.45%	323	3.78%	0	0.00%	0	0.00%	0	0.00%	696	8.15%	0	0.00%
MAR	9,720	686	7.06%	7,848	80.74%	18.60%	81.40%	388	3.99%	1	0.01%	0	0.00%	0	0.00%	796	8.19%	1	0.01%
APR	9,441	626	6.63%	7,529	79.75%	18.38%	81.62%	394	4.17%	1	0.01%	120	1.27%	0	0.00%	768	8.13%	3	0.03%
MAY	9,146	568	6.21%	7,467	81.64%	18.68%	81.32%	321	3.51%	0	0.00%	96	1.05%	0	0.00%	694	7.59%	0	0.00%
JUNE	8,677	517	5.96%	7,127	82.14%	16.78%	83.22%	307	3.54%	3	0.03%	69	0.80%	0	0.00%	653	7.53%	1	0.01%
JULY	10,447	559	5.35%	8,572	82.05%	13.89%	86.11%	441	4.22%	62	0.59%	100	0.96%	0	0.00%	712	6.82%	1	0.01%
AUG	10,232	470	4.59%	8,422	82.31%	14.34%	85.66%	361	3.53%	131	1.28%	77	0.75%	0	0.00%	769	7.52%	2	0.02%
SEPT																			
ОСТ																			
NOV																			
DEC																			
YTD	76,250	4,803		61,658				3,275		201		462		0		5,835		16	
MON AVG	9,531	600	6.33%	7,707	80.87%	17.65%	82.35%	409	4.26%	25	0.24%	92	0.97%	0.00	0.00%	729	7.67%	2	0.02%

*Calls with No ALI for August 2025 = 1.28% - Statewide average for 2024 = 0.42%





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911 Calls with "no value"

During a meeting with representatives from HawaiianTel, Intrado, V2X, and PSAP representatives on March 27, 2025, it was determined that a classification of "no value" 911 calls may be the root cause of the reduction of 911 call volumes throughout the State of Hawaii PSAPs. These "no value" 911 calls lack information or data that determines the "Class of Service" of a 911 call. For example, a Landline, Wireless or VoIP call. The ANI (automatic number identification) may not contain a 10-digit number or other ALI data to properly determine the Class of Service. A definition from the Viper user's guide may also be a factor to consider:

"No Value" in reports:

When a trunk associated to a trunk group is not configured in Power 9-1-1, the trunk will be represented by "No Value" in a report.

The instructions below was followed, and the results are included below:

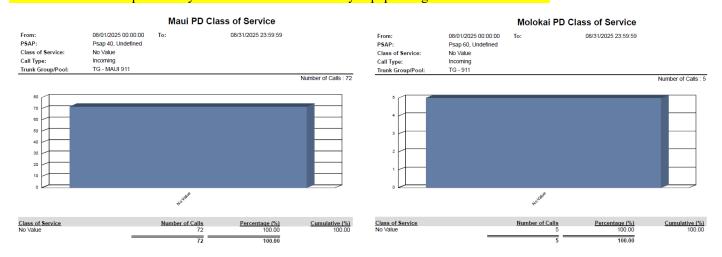
For PSAPs that have MIS_Power911_5.x data:

Calls identified with "No Value" will not appear in this report unless you specifically filter for "No Value".

No Value appears in the Others filter subcategory:

As of April 1st, 2025, the 911 Calls with "No Value" are added to the total 911 calls received at the PSAP for the month.

Call filters used to extract the number of "No value" calls are: Only incoming 911 calls on 911 Trunks with the class of service of "No Value" This is to prevent any Administrative calls that maybe populating the "No Value" totals.



The Maui Police Department received 72 "No Value" calls in August and the Molokai Police Department received 5 "No Value Calls. The total is 75 "No Value" calls which is reflected on the Monthly 911 Call Volume Report.





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PSAP OPERATION NOTES:

- Abandoned Calls represent the number of incoming 9-1-1 calls for which the caller had hung up before a call-taker answered. Dropped Calls are hang ups after transfers.
- Abandoned Calls are included in the Wireline and Wireless total counts respectively.
- All VoIP (Voice over Internet Protocol) 911 calls are combined in the Call Volume statistic.
- A New Class of Service (COS): FIXD = Wireless 911 calls to the PSAP via fixed indoor antennas.
- 0 (911) call with the COS of FIXD were added to the Wireless Phase I (WPH 1) percentage total.
- A New Class of Service (COS): WDL1/WDL2 = Wireless 911 calls to the PSAP via fixed indoor antennas with a general location i.e., pool area (WDL1) or a specific area i.e., room 101 (WDL2).
- 0 (911) call with the COS of WDL1, or WDL2 were added to the Wireless Phase I or Phase II percentage total.

FOR YOUR INFORMATION

	FYIFor Your Information										
				PSAP (Operations	1					
			:	Statewide 9	11 Call Volu	ımes					
PSAP	20	24	20	23	20	22	20	21	20	20	
Oahu Civilian	974,278	73.07%	988,670	68.33%	971,113	69.45%	1,052,026	68.91%	991,016	71.11%	
RDC Pearl Harbor	25,072	1.88%	36,916	2.55%	31,827	2.28%	39,253	2.58%	37,014	2.66%	
Hawaii County	182,298	13.67%	207,715	14.35%	199,811	14.29%	214,220	14.00%	188,329	13.51%	
Maui County	111,385	8.35%	152,397	10.54%	140,524	10.05%	160,241	10.51%	125,626	9.01%	
Kauai County	40,310	3.03%	61,197	4.23%	54,923	3.93%	60,986	4.00%	51,653	3.71%	
Total	1,333,343	100.00%	1,446,895	100.00%	1,398,198	100.00%	1,526,726	100.00%	1,393,638	100.00%	

911 Call Volume % de	ecrese from 2023 to 2024
Oahu	-1.46%
RDC	-32.08%
Hawaii	-12.24%
Maui	-26.91%
Kauai	-34.13%
State of Hawaii	-21.36%

911 Calls with No ALI 9	% average for 2024
Oahu	0.99%
RDC	0.01%
Hawaii	0.15%
Maui	0.19%
Kauai	0.74%
State of Hawaii average	0.42%

State of Hawaii 2024				
TEXT TO 91:	TEXT TO 911			
Oahu Civilian	3,146			
RDC Pearl Harbor	39			
Hawaii County	1,186			
Maui County	408			
Kauai County 276				
*Total 5,055				
*Totals may include PSAP training, testing, and 911 Texting errors				





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TEXT TO 911 - CURRENT MONTH - AUGUST 2025

TEXT TO 911 Maui County PSAPs 2025				
Month	Received	Received		
WOTTETT	at Maui	at Molokai		
January	27	1		
February	36	0		
March	33	2		
April	39	2		
May	44	2		
June	54	3		
July	33	13		
August	45	4		
September				
October				
November				
December				
YTD	311	27		
Monthly Avg.	39	3		

NOTE:

• Although there is a "Text to 911" plot on the MapFlex, the location of the plot is not dependable. Text to 911 Dispatchers should use their skills to ascertain the exact location of the emergency response.

WIRELESS PSAP TESTING - AUGUST 2025

	MAUI COUNTY - AUGUST 2025						
Date	WSP	Sites Tested	Sectors Tested	Tested By:	Test Pass/Fail	Comments:	

NOTES:

• There were no (0) scheduled Wireless 911 tests conducted in August 2025 for the Maui and Molokai PSAPs.





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2. MSAG (MASTER STREET ADDRESS GUIDE)

MSAG TRANSACTIONS CURRENT MONTH/YEAR - AUGUST 2025

	9-1-1 TRANSACTIONS								
MAUI COUNTY Dispatchable Location Transactions Total Dispatchable Location Transactions Submitted		Open ALI Discrepancy Records			Customer Addresses				
2025		DL (A)	MSAG (B)	TN CR (C)	ALI DR (D)	TNCR	ALI DR	VoIP DR	Affected
JANUARY	48	44	4	0	0	548	0	0	82
FEBRUARY	102	101	1	0	0	544	0	0	0
MARCH	73	72	1	0	0	566	0	0	17
APRIL	203	199	3	1	0	701	0	0	47
MAY	71	70	1	0	0	709	0	0	0
JUNE	91	87	4	0	0	766	0	0	36
JULY	82	76	6	0	0	680	0	0	52
AUGUST	101	100	1	0	0	731	0	0	0
SEPTEMBER									
OCTOBER									
NOVEMBER									
DECEMBER									
TOTAL YTD	771	749	21	1	0	5,245	0	0	234
AVG PER MONTH	96	94	3	0	0	656	0	0	29

Definitions

- (A) **D**ispatchable **L**ocation is defined in the FCC 15-9 Docket as the verified or corroborated street address of the calling party plus additional information such as floor, suite, apartment or similar information that may be needed to adequately identify the location of the calling party. Please see Dispatchable Location Section for more information.
- (B) **M**aster **S**treet **A**ddress **G**uide Represents corrections made to street records including, street names, address ranges, MSAG Communities and ESNs.
- (C) **T**elephone **N**umber **C**hange **R**equest Represents address corrections on a specific TN or group of TNs. These "invalid" TNs usually have an associated ESN 399 attached to them which indicates the need for validation.
- (D) **A**utomatic **L**ocation **I**nformation **D**iscrepancy **R**ecord Represents an address discrepancy discovered during a live 9-1-1 call, from a landline OR a VoIP phone. These record corrections are treated with a higher priority and should be processed within 48 hours if wireline, and 72 hours if a VoIP phone, as a general guideline.





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MSAG CURRENT MONTH NOTES:

A total of **101** MSAG transactions were processed in 9-1-1 Net during the current month. One **(1)** request was processed relating to the MSAG database. Changes include: changes to high – low street ranges, combining street records, deletion of invalid records, splitting street records to align with Police, Fire, EMS, and inserting new MSAG records.

There were **no** customer ANI/ALI (telephone number/address) records updated as a direct result.

TELEPHONE RECORD (ALI) TRANSACTIONS CURRENT MONTH NOTES:

V2X submitted one hundred (100) TN CRs related to the Dispatchable Location Project during the current month.

OPEN TELEPHONE RECORD (ALI) DISCREPANCY STATUS:

- There are currently 731 Open TN CR Transactions.
- Refer to chart in the next section "TNCR Current Status"

731 Open TN CR transactions are a direct result of the Dispatchable Location Project and are awaiting approval from Hawaiian Telcom, Inc. V2X continues to monitor and track the progress of the Referred records. Once a telephone number is submitted to Intrado for correction, it must be verified against HT records and/or approved by the customer. Intrado's internal process requires calling each telephone customer individually for approval to update an address in the 9-1-1 database.

- There are no open VoIP DRs as of August 31, 2025
- There are no open ALI DRs as of August 31, 2025





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TNCR (TELEPHONE NUMBER CHANGE REQUEST) CURRENT STATUS – AUGUST 2025

NOTE:

- 9-1-1 NET is a secure web-based application that provides access to request changes to the MSAG, ALI, TN, and ESN/ELT data supported and maintained by Intrado for the Telephone Company (TelCo).
- TNCRs are not requests to change Telephone Numbers (TNs); however, it is a corrective process within 9-1-1 NET to modify location information associated with an Automatic Location Identification (ALI) record to a valid MSAG address for 9-1-1 purposes.

PSAP 9-1-1 Telephone Number Location Change Request (Telephone Number Change Request (TNCR) Status)					
County	TOTAL TNCR RECORDS SUBMITTED BYV2X OPENED TNCRS PENDING FURTHER ACTION BY INTRADO OPENED TNCRS REFERRED TO TELCO BY INTRADO TNCR RECORD TNCR RECORD				
MAUI	725	5	621	99	
MOLOKAI	6	0	6	0	
TOTAL	731	5	627	99	

STATUS

TOTAL TNCRs SUBMITTED - The total number of TNCR requests for modification that have been submitted in 9-1-1 NET.

<u>PENDING STATUS</u> - TNCRs assigned this status are requests which have been reviewed by the 9-1-1 Database Service Provider Data Analyst, and are pending investigation whether the request is valid or invalid, and/or whether the request requires additional information to validate.

REFERRED STATUS - TNCRs assigned this status are requests which have been reviewed by the 9-1-1 Database Service Provider Data Analyst, and the request requires additional information to validate. The INTRADO Data Analysts assigns this status to a TNCR and the request is referred to the telephone service providers for further research.

TOTAL UNOPENED TNCR RECORDS STATUS - The request is submitted by V2X on behalf the PSAP; however, processing by the 9-1-1 Database Service Provider Data Analyst has not begun.





August 1, 2025 - August 31, 2025

DISPATCHABLE LOCATION - STATUS AS OF - AUGUST 2025

NARRATIVE:

During the August 2015 State of Hawaii 911 Board meeting, V2X provided a "State of Hawaii PSAPs Proposed ALI Compliancy with FCC 15-9" presentation. Based on the 9-1-1 Board's confirmation to add the "Dispatchable Location" information into the ALI database, V2X researched the format standards of each pertinent field and tested the delivery of the data to the PSAP. After a few configuration adjustments (eliminating the TelCo comments field from appearing on the ALI Screen), V2X standardized an additional information data format to proceed with this project. During the month of August 2015, V2X started a pilot project, entering additional location information to a verified MSAG address with multiple telephone numbers. Specifically, the Queen Kaahumanu Shopping Center at 275 Kaahumanu Ave. The "Dispatchable Location" data is entered into the "Driving Directions" field in the 9-1-1 Net system and will display on the Viper Power 911 ALI Screen in the "Exact" field should a 911 call be received from that telephone number. Screen shots of the "Before" ALI screen, and the "After" ALI screen with the updated "Dispatchable Location" information visible, were presented to the Dispatch Supervisors. V2X received positive feedback from the 911 Dispatch Personnel because the information that the 911 Call Takers will receive will certainly cut down on the process of determining the exact location of the 911 caller. In addition to this, V2X was informed that the Mobile Dispatch Terminals (MDTs) in the Police Vehicles, also are able to view this "Dispatchable Location" information which will reduce the response times for Public Safety. There were 100 Dispatchable Locations submitted in August 2025 and 41 was processed by Intrado. (see next pages)

Dispatchable Location						
2025	Common Name Place	TNCR*	Transactions			
Quarter 3	MSAG Address	Transactions Submitted	Processed**			
Quarter 2 Carryover		21,763	21,060			
	Waikapu Business Park Assoc, 5 Mamane PI, Waikapu	1	0			
	Kula Glass Co, 289 Pakana St, Waikapu	4	0			
	Bei Hawaii, 300 Pakana St, Waikapu	5	0			
August	Multi Bus, 362 Pakana St, Waikapu	3	0			
August	Clinical Labs of Hawaii, 80 Pakana St, Waikapu	17	0			
	Rojac Trucking/Jes Corp, 255 E Waiko Rd, Waikapu	8	3			
	Bei Hawaii, 275 E Waiko Rd, Waikapu	8	0			
	MMK Maui, 2500 Honoapiilani Hwy, Waikapu	54	38			
September						
Q3		176	199			
Total		21,939	21,259			





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SPECTRUM (CHARTER) 9-1-1 VOIP DATABASE VERIFICATION PROJECT – AUGUST 2025

V2X received the Automatic Location Identification (ALI) records from Spectrum (formally known as Charter Communications) which is the predominant Voice over Internet Protocol (VoIP) provider in the State of Hawaii. As V2X has access to these ALI Records, V2X is researching and verifying the VoIP records against an MSAG valid address and the GIS data. This research is a validation of the ALI Record to ensure that the location provided by the VoIP provider matches the GIS Information utilized by the Public Safety Agencies within their specific County 9-1-1 Service Area. This validation reduces the potential of address or location dispute during a 9-1-1 call.

The analysis of the database records indicates that there are invalid MSAG addresses utilized by the VoIP Provider. These records are being identified and will be sent back to Spectrum for corrective action.

*Spectrum (Charter)								
	9-1-1 VoIP Database Verification Project							
	TOTAL	TOTAL RECORDS	TOTAL	NON	PERCENT			
	RECORDS	MATCHING &	RECORDS	MATCHING	COMPLETED			
	SUBMITTED BY	VERIFIED WITH	NOT	RECORDS				
PSAP	SPECTRUM	911 DATABASES	MATCHING	CORRECTED				
ISAI	(A)	(B)		BY V2X				
				FORMERLY				
				AKIMEKA				
				(C)				
HAWAII County	22,044	21,638 (98%)	406	406	100.00%			
KAUAI County	8,936	8,695 (97%)	241	241	100.00%			
MAUI County	18,256	17,517 (96%)	739	739	100.00%			
OAHU Cilivian	87,414	85,329 (98%)	2,085	2,085	100.00%			
OAHU Military	3,663	710 (19%)	2,953	2,953	100.00%			
TOTAL	140,313	**133,889	6,424	6,424	100.00%			

^{*} Spectrum VoIP Database received on June 21st, 2017

^{**} V2X provided VoIP Records with Latitude/Longitude coordinates

(A)	VoIP Database records submitted by Spectrum to V2X for research and MSAG address validation.
(B)	V2X has researched and verified the VoIP record against an MSAG valid address and GIS data. V2X is tracking corrections needed to be performed by Spectrum. Addressing data will be updated or added in the GIS if the VoIP record is determined to be valid.
(C)	Verifcation Process Completed.





August 1, 2025 - August 31, 2025

BANDWIDTH 9-1-1 VOIP DATABASE VERIFICATION PROJECT – AUGUST 2025

V2X received the Automatic Location Identification (ALI) records from Bandwidth which is a Voice over Internet Protocol (VoIP) provider in the State of Hawaii. As V2X has access to these ALI Records, V2X researched and verified the VoIP records against an MSAG valid address and the GIS data. This research is a validation of the ALI Record to ensure that the location provided by the VoIP provider matches the GIS Information utilized by the Public Safety Agencies within their specific County 9-1-1 Service Area. This validation reduces the potential of address or location dispute during a 9-1-1 call.

The analysis of the database records indicates that there were invalid MSAG addresses utilized by the VoIP Provider. These records were identified and sent back to Bandwidth for corrective action.

V2X will update the chart below as we receive updated ALI records from Bandwidth.

*Bandwidth 9-1-1 VoIP Database Verification Project ***(Updated)						
PSAP	TOTAL RECORDS SUBMITTED BY BANDWIDTH (A)	TOTAL NO MATCHING RECORDS IDENTIFIED BY V2X (FORMERLY AKIMEKA)	BANDWIDTH FALLOUT RECORDS (B)	NON MATCHING RECORDS CORRECTED BY V2X (FORMERLY AKIMEKA) (C)	PERCENT COMPLETED	
HAWAII County	2,126	97	16	106	93.81%	
KAUAI County	555	75	3	73	93.59%	
MAUI County	1,794	60	14	69	93.24%	
OAHU Cilivian	12,898	1,556	44	1,590	99.38%	
OAHU Military	173	156	11	163	97.60%	
TOTAL	17,546	1,944	88	2,001	95.52%	

^{*}Bandwidth VoIP Database received on April 5th, 2018

^{***} Updated Bandwidth VoIP Database received on October 1st, 2021

(A)	VoIP Database records submitted by Bandwidth to V2X for research and MSAG address validation.
(B)	VoIP records identified by Bandwidth as fallout records. These records contain invalid MSAG addressing information which can include house number, street name/suffix, or MSAG community.
(C)	Verifcation Process Completed.



^{**}Updated Bandwidth VoIP Database received on September 6th, 2018



August 1, 2025 - August 31, 2025

3. GEOGRAPHIC INFORMATION SYSTEM (GIS) – AUGUST 2025

MAPPING LAYERS UPDATED (PART I)

Type of Layer Date Cre	eated/ formed	Other/Remarks				
Edits Peri	DITO					
CRITICAL 9-1-1 PU	RLIC	SAFETY LAYERS FOR DISPATCH & RESPONSE				
_	(Listed Alphabetically)					
		Next Delivery 9/3/2025				
8/20/20	025	Added address for five (5) records in Lahaina				
То		Added address for one (1) record in Kahului				
8/31/20	025	Added location name for one (1) record in Kahului				
		Updated location name for two (2) records in Wailuku				
		Delivered 8/20/2025				
		Updated address for one (1) record in Kula				
		Spatially corrected one (1) record in Paia				
		Updated ESN for one (1) record in Lahaina				
		Added address for four (4) records in Kula				
		Added address for one (1) record in Kahului				
Address Points		Added address for two (2) records in Kaunakakai				
		Added location type for one (1) record in Lahaina				
8/6/20	25	Added address for fifteen (15) records in Lahaina				
To 8/19/2	1 25	Added address for one (1) record in Paia				
0/13/2	J25	Updated address for three (3) records in Lahaina				
		Spatially corrected one (1) record in Kula				
		Added address for three (3) records in Hana Added address for one (1) record in Waiehu				
		Spatially corrected one (1) record in Hana				
		Spatially corrected four (4) records in Lahaina				
		Added address for one (1) record in Haliimaile				
		Added address for one (1) record in Wailuku				
		Spatially corrected one (1) record in Wailuku				





August 1, 2025 - August 31, 2025

MAPPING LAYERS UPDATED (PART II)

	MAUI COUNTY					
Type of Layer	V2X GIS Server Date Created/ Edits Performed	Other/Remarks				
CDITICAL		SAFETY LAYERS FOR DISPATCH & RESPONSE				
CRITICAL	L 9-1-1 PUBLIC	(Listed Alphabetically)				
Airports						
Bridges						
Building Footprints						
Bus Stops						
Churches						
Coastal Names						
Coastline						
Common Places						
Correctional Facilities						
Emergency Callboxes						
Emergency Operation						
Centers						
Emergency Shelters						
ESZ/ESN	8/20/2025 To 8/31/2025	Next Delivery 9/3/2025 Updated fire, medic fields for sixty-seven (67) records				
Fire Beats						
Fire Districts						
Fire Response Areas						
Fire Stations						
Food & Beverage						
Gas Stations						
Gate Codes						
Government Buildings						
Harbors						
Helipads						





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MAPPING LAYERS UPDATED (PART III)

MAUI COUNTY						
T. ex	V2X GIS Server					
Type of Layer	Date Created/ Edits Performed	Other/Remarks				
CRITICAI	L 9-1-1 PUBLIC	SAFETY LAYERS FOR DISPATCH & RESPONSE				
		(Listed Alphabetically)				
Hiking Trails						
Hospitals						
Hydrants						
Hyrdology Layers						
Incident Response Areas						
Lodging						
Major Roads						
Medic Beats						
Medic Districts						
Medic Response Areas						
Medic Stations						
Medical Facilities						
Milepost Markers						
MSAG Communities						
Net Junctions						
Ocean Rescue Boundaries						
Ocean Safety						
Parcels						
Parks						
Parks Polygon						
	To 8/31/2025	Next Delivery 9/3/2025				
		Added street centerline for three (3) records in Kula				
Points of Interest		Added POI for three (3) records in Wailuku				
		Added POI for one (1) record in Kapalua				
		Added POI for one (1) record in Makawao				





August 1, 2025 - August 31, 2025

MAPPING LAYERS UPDATED (PART IV)

MAUI COUNTY					
	V2X GIS Server	Other/Remarks			
Type of Layer	Date Created/ Edits Performed				
CRITICAL	SAFETY LAYERS FOR DISPATCH & RESPONSE				
		(Listed Alphabetically)			
		Added POI for one (1) record in Wailea			
		Updated POI name for one (1) record in Wailuku			
		Added POI for four (4) records in Kihei			
		Added POI for one (1) record in Kula			
		Added POI for one (1) record in Haiku			
	8/20/2025	Added POI for one (1) record in Lahaina			
		Added POI for three (3) records in Kahului			
Points of Interest		Updated POI name for one (1) record in Kahului			
		Added POI for one (1) record in Waikapu			
		Updated POI name, address for one (1) record in Wailuku			
		Added street centerline for one (1) record in Lahaina			
		Added POI for two (2) records in Pukalani			
		Added POI for one (1) record in Kaanapali			
	8/6/2025 To 8/19/2025	Delivered 8/20/2025			
		Added subdivision for one (1) record in Haiku			
Police Beats					
Police Districts					
Police Response Areas					
Police Stations					
Post Offices					
Schools					
Street Centerlines					





August 1, 2025 - August 31, 2025

MAPPING LAYERS UPDATED (PART V)

The 9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 and NG9-1-1 systems.

MAUI COUNTY						
	V2X GIS Server					
Type of Layer	Date Created/ Edits Performed	Other/Remarks				
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)						
	8/20/2025 To 8/31/2025	Next Delivery 9/3/2025				
Subdivisions		Added subdivision for one (1) record in Kihei				
Subdivisions	8/6/2025 To 8/19/2025	Delivered 8/20/2025				
		Added subdivision for one (1) record in Haiku				
Tow Jurisdictions						
Tsunami Evacuation Zones						
Tsunami Heights						
Waste Water Plants						
		Next Delivery 9/3/2025				
		Added two hundred and seventy-six (276) sectors per Verizon Wireless CRS				
WSP Cell Sectors		Updated four hundred and twenty-eight (428) sectors per Verizon Wireless CRS				
	8/6/2025 To 8/19/2025	Delivered 8/20/2025				
		Added nine (9) sectors per AT&T CRS				
WSP Cell Towers						

NOTE:

The Parcels layer is provided by Maui County. V2X performs edits on the spatial information of the layer for 9-1-1 purposes. Changes to the attribute table are made when needed. The Parcels layer uploaded to the PSAP GIS server is intended for 9-1-1 purposes only and should not be disseminated to other county agencies.





August 1, 2025 - August 31, 2025

GEOGRAPHIC INFORMATION SYSTEM (GIS) NARRATIVES

GIS KEY ACTIVITIES/UPDATES

• GIS Key activities include the events such as GIS deliverables, meetings, agreements, etc.

Date	Key Activities/Updates
8/6/2025	Delivered for Hexagon CAD and map: AddressPoints, WSP Sectors, WSP
	Towers
8/6/2025	Delivered for MapFlex: AddressPoints, WSP Sectors, WSP Towers
8/20/2025	Delivered for Hexagon CAD and map: AddressPoints, PointsOfInterest, Subdivisions, WSP Sectors, WSP Towers
8/20/2025	Delivered for MapFlex: AddressPoints, PointsOfInterest, Subdivisions, WSP Sectors, WSP Towers
8/20/2025	Delivered data update for testing automated data load into SCC.
8/26/2025	Delivered medic stations, police beats, ESZs, and common place alias table to Motorola for CAD testing.

GIS FOR 911

As part of ensuring GIS data compatibility with 911 CAD systems, V2X removed certain spatial characteristics of street centerlines known as "true curves". True, or geometric, curves are sometimes used in the street centerline layer to depict a road that curves in a circular (or semi-circular) fashion, like a round-about or a cul-de-sac. These features can cause processing issues in CAD and GIS software and therefore were replaced with a series of points that depict the same geometry without the use of a geometric, or true curve.





August 1, 2025 - August 31, 2025

INTERGRAPH CAD UPGRADE

From April through June 2014, the Maui Police Department worked to upgrade their Intergraph CAD system to the more recent 2014 version. Through this upgrade process, new improvements were identified and the overall functionality of the system from the Map Build process to the Production workstation made significant enhancements in order to streamline the deliverables and continue providing accurate data to the PSAP.

- 1. August 6th, 2025 V2X delivered an updated Intergraph CAD map which included:
 - a. .map, .ply, .rte, and .str
 - Address Points, Common Name Lookup Table, Points Of Interest, Street Centerlines, Subdivisions, and WSP Cell Towers.
 - c. RMS files
- 2. V2X delivered an updated Intergraph CAD map August 20th, 2025, which included:
 - a. .map, .ply, .rte, and .str
 - b. Address Points, Common Name Lookup Table, Points Of Interest, Street Centerlines, and WSP Cell Towers.
 - c. RMS files

During September 2025, the Intergraph CAD map will continue to be delivered every other week, which has been coordinated with all mapping system updates and synchronizations with other 911 databases.

MOTOROLA PREMIER ONE PROJECT

On Wednesday, February 15, 2023, and Thursday, February 16th, 2023, V2X participated in the GIS workshop with Motorola GIS staff. V2X will provide the first Motorola CAD GIS deliverable in mid-March, and work with Motorola to make any necessary updates to the schema and data, to ensure a successful implementation.

On Thursday, April 20th, 2023 V2X delivered GIS data updates for Motorola for the Premiere One CAD implementation.

On Wednesday, May 24, 2023, V2X met with the Maui Fire Department's executive staff along with the Maui Police Department Dispatch Director and Supervisor to discuss future growth of new Fire Stations in Maui County. New projected Fire Boundaries maps were provided by V2X to both agencies for review. Delivered to the Fire Department were also street intersection maps that poses a discrepancy with the Motorola CAD. The Fire Department will determine which jurisdiction they prefer to cover each intersection. V2X will adjust the maps accordingly as determined by the Maui Fire Department

On March 19, 2025, V2X met at the Maui Police Department with the Motorola CAD team which included MPD IT. It was established that V2X would continue delivering data every other week, uploading only updated data through the County's Access Console. Maui County IT needs to grant V2X access to the Motorola database.





August 1, 2025 - August 31, 2025

MAPFLEX/SCC SYSTEM

August 2025

V2X delivered GIS data to the MapFlex/SCC system on the following dates in August 2025

Hawaii County – August 5, 2025, and August 19, 2025 Maui County – August 6, 2025, and August 20, 2025 Kauai County – August 7, 2025, and August 21, 2025 Honolulu – August 8, 2025, and August 22, 2025

MAPFLEX ISSUES

The MapFlex issues are archived in the 2021 Monthly Status Report. Should the existing issues be addressed, this report will be reopened and tracked.

MAUI EMS (AMR)

On May 23, 2023, The Maui EMS Director contacted V2X to discuss new Medic boundaries for Molokai. AMR is planning to add a new Medic Station in Hoolehua in the near future. A projected new boundary map was provided to the AMR director for review.





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4. SERVICE REQUESTS TRANSACTIONS

OPEN SERVICE REQUESTS – MAUI COUNTY PSAPS - AUGUST 2025

#	Date	Description	Category	Comments

NOTE:

There are no (0) Open Service Request for the Maui County PSAPs for August 2025.

MAUI PSAP SERVICE REQUESTS YEAR-TO-DATE (YTD) SUMMARY – 2025

MAUI COUNTY				MSAG SERVICE REQUEST CATEGORIES					
2025	TOTAL			WIRELINE		WIRELESS		VolP	
2025	Created	Closed	Open	Created	Closed	Created	Closed	Created	Closed
2024 Carryover*			0						
January	1	1	0	0	0	0	0	1	1
February	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0
April	2	2	0	0	0	0	0	2	2
May	1	1	0	0	0	0	0	1	1
June	0	0	0	0	0	0	0	0	0
July	3	3	0	0	0	0	0	3	3
August	2	2	0	0	0	0	0	2	2
September									
October									
November									
December									
TOTAL	9	9	0	0	0	0	0	9	9
Note:	*The 2024 Carry Over row indicates the number of Service Requests that were opened in 2024; however, were brought forward into 2025 in an effort to track the service request until completion.								

	Category	Description			
	Wireline	Telephone Number (ALI) Discrepancies from land line phones that have been submitted to Intrado via 9-1-1 Net for correction.			
<u>Definitions:</u>	Wireless	Telephone Number (ALI) Discrepancies from phones that were land lines at one time, and were ported out to a wireless carrier. However, the phone number was never removed from the MSAG database.			
	VoIP	Received 911 (ALI) Discrepancies from VoIP providers and returned with a valid MSAG address for 911.			





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5. E9-1-1 DATABASE SYNCHRONIZATION

(<u>Reference:</u> NENA 71-501, Version 1.1 – NENA Information Document for Synchronizing Geographic Information System databases with MSAG & ALI)

Next Scheduled Database Synchronization Report – September 2025

TWO-WAY (2-WAY) COMPARISION

THREE-WAY (3-WAY) COMPARISION

INVALID MSAG STREETS AND ADDRESS RANGES – ESN 359 & ESN 399 MSAG & ALI RECORDS **PROJECT COMPLETED**

