

OKLAHOMA

9-1-1

MANAGEMENT

AUTHORITY

SPECIAL MEETING

DECEMBER 5, 2024 AT 1:30 PM

OKLAHOMA CAPITOL BUILDING RM 4S.9

Tuesday, October 29, 2024 at 14:45:49 Central Daylight Time

Subject: [EXTERNAL] Open Meetings Confirmation
Date: Tuesday, October 29, 2024 at 2:45:06 PM Central Daylight Time
From: meetingnotices@sos.ok.gov <meetingnotices@sos.ok.gov>
To: Stacey Root <Stacey.Root@oem.ok.gov>



Meeting Notice Confirmation

Stacey Root
OKLAHOMA 9-1-1 MANAGEMENT AUTHORITY
2401 N. LINCOLN BLVD.
OKLAHOMA CITY, OK 73105
4055213193

This message confirms your meeting notice posting with the Secretary of State.

DATE AND TIME OF POSTING:

Tuesday , Oct 29, 2024 02:17 PM

INFORMATION POSTED

A Special meeting has been scheduled for:
Thursday , Dec 05, 2024 01:30 PM at
Oklahoma Capitol
2300 N Lincoln Blvd.
Oklahoma City, OK 73105
Room: 4S.9

Meeting Description: Special meeting of the Oklahoma 9-1-1 Management Authority
Virtual URL: <https://oksenate.gov/live-chamber>

You may view and print the web postings of your body's meeting notices by visiting our website at: [your meetings page](#).



Oklahoma 9-1-1 Management Authority
Special Meeting Agenda
Thursday, December 5, 2024 at 1:30 PM

Oklahoma Capitol Building
2300 N Lincoln Blvd. Room 4S.9
Oklahoma City, OK 73105

1. Call to order, roll call, and determination of a quorum.
2. This regular meeting of the Oklahoma 9-1-1 Management Authority (“Authority”) has been convened in accordance with the Oklahoma Open Meeting Act.

If an Authority member would like to add an agenda item to the next regularly scheduled meeting, please contact the 9-1-1 Coordinator and the Authority Chair at least one (1) week in advance of the meeting.
3. Welcome to members of the Authority, new employee Ms. Amy Cardwell, Cybersecurity Specialist, and guests in attendance.
4. Possible discussion, revision, and vote to approve minutes of the October 16, 2024, special meeting.
5. Possible discussion, revision, and vote to approve the financial reports for July, August, September, and October 2024.
6. Possible discussion, revision, and vote to approve a change in the Mission Critical Partner Scope of Work for the NG9-1-1 Core and ESInet procurement to include creating a Cybersecurity policy. Hours will be used from the end of the project to fulfill this change.
7. Possible discussion, revision, and vote to accept the recommendation from the NG9-1-1 Ad Hoc Committee to modify the FY25 grant guidelines to not allow the applications for call handling equipment (CHE) until a contract for NG9-1-1 core services has been fully executed.
8. Possible discussion, revision, and vote to accept the changes to the Strategic Plan that include OK911MA strategic initiatives, section two: Communications, section three: Technology, and section four: Geographic Information Systems (GIS).
9. Possible discussion to update the Authority on the request for proposal (RFP) from the June 20, 2024, special meeting instructing the Oklahoma State 9-1-1 Coordinator’s office to conduct a request for proposal (RFP) process for geographic information systems (GIS) for local data creation, for maintenance of GIS data to meet the Oklahoma NG9-1-1 and Addressing Standard, and to ensure that local data is uploaded to the state repository in preparation for the deployment of Next Generation 9-1-1.

10. Possible discussion and action regarding the following grant requests:

APPLICANT NAME	GRANT TYPE	STATE AMOUNT	LOCAL MATCH	TOTAL REQUEST AMOUNT	RECOMENDATION
Chickasha PD	GIS	\$36,640.00	\$0.00	\$36,640.00	Fund
Garvin County	GIS	\$98,370.00	\$0.00	\$98,370.00	Fund
Midwest City, City Of	GIS	\$79,600.00	\$0.00	\$79,600.00	Fund
Noble, City Of	GIS	\$38,600.00	\$0.00	\$38,600.00	Fund
Tonkawa, City Of	GIS	\$41,545.00	\$0.00	\$41,545.00	Fund
Yukon, City Of	GIS	\$32,470.00	\$0.00	\$32,470.00	Fund
Jenks, City Of	TRNG	\$53,598.00	\$0.00	\$53,598.00	Fund
Moore, City Of	TRNG	\$136,017.00	\$0.00	\$136,017.00	Fund
Roger Mills County	TRNG	\$68,773.85	\$0.00	\$68,773.85	Fund
Wagoner County	TRNG	\$66,498.00	\$0.00	\$66,498.00	Fund
Woods County	TRNG	\$61,586.00	\$0.00	\$61,586.00	Fund
Johnston County	NG911	\$188,000.00	\$47,000.00	\$235,000.00	Fund
Oklahoma County	NG911	\$71,632.80	\$17,908.20	\$89,541.00	Fund
Skiatook, City Of	9-1-1 Radio Consoles	\$95,774.40	\$23,943.60	\$119,718.00	Fund
TOTAL		\$1,069,105.05	\$88,851.80	\$1,157,956.85	

11. Committee and Staff Reports: (discussion only)

- a. Programs Coordinator update
 - I. Registration Forms
 - II. Population Model
- b. Administrative Committee
 - I. Rules update
 - II. Change requests to the grant guidelines
- c. Grants Coordinator update
 - I. Grants update
- d. Technical Committee
 - I. Current actions update
- e. Technology Coordinator
 - I. Cybersecurity update
 - II. GIS update
 - i. 56 jurisdictions have been uploaded to the state repository

- ii. 2025 GIS course topics: Into to ArcPro, Transition to ArcPro from Desktop, Toolkit, Topology, MSAG, and Standards
 - III. NG9-1-1 update
 - IV. 9-1-1 Coordinators Workshop
 - V. Trainings and travel
 - f. Operations Committee
 - I. Total Response (formerly PowerPhone) demo
 - II. Participation in Virtual Academy
 - III. Hiring/recruiting tools
 - IV. Approval of Training Declaration form
 - g. Training Coordinator Update
 - I. Motivations update
 - II. Virtual Academy update
 - III. 988/9-1-1 Liaison position
 - IV. 2025 Training
 - V. Travel
 - i. New Chief Training – Norman
 - ii. Homeland Security Conference – OKC
 - iii. Association of County Commissioners of Oklahoma (ACCO) Fall Conference – Norman
- 12. State 9-1-1 Coordinator Report to the Board (discussion only)
 - a. Project updates:
 - I. City of Catoosa
 - II. Hiring a 988/9-1-1 Liaison
 - b. Local, State, and Federal Coordination and Meetings (#WhereIsThe911Guy)
 - I. Oklahoma Telephone Association
 - II. Association of County Commissioners
 - III. City of Enid/Garfield County
 - IV. The City of Coweta and the City of Wagoner, Wagoner County
 - c. Upcoming
 - I. Special meeting Jan. 23, 2024, location TBD
 - II. Alfalfa County presentation to help safety responders, Dec. 2024
 - III. 9-1-1 Day at the Capitol, Feb. 21, 2025
 - IV. 9-1-1 Goes to Washington, Feb. 23- 26, 2025
- 13. Chairman's Comments. (discussion only)
- 14. Adjournment.

NOTE: The Authority may, at its discretion, discuss, vote to approve, vote to disapprove, vote to table, change the sequence of any agenda item, or choose not to take up any item on the agenda.

DECEMBER 5, 2024 CONTINUAL BUDGET - DRAFT

REVENUE							
PROJECTED	FY25 BUDGETED						
Projected Annual Income	\$ 1,200,000.00						
FY2024 Carry Over	\$ 0.00						
FY2024 Carry Over Actual	\$ 12,774,130.00						
Federal Grant Funding	\$ 0.00						
FY2024 Revenue	\$ 7,551,478.49	\$ 1,048,758.38	\$ 1,033,175.82	\$ 1,036,291.13	\$ 1,035,838.98	\$ 4,154,064.31	224.17%
EXPENSES							
SALARY and BENEFITS	FY25 BUDGETED	Jul 24	Aug 24	Sept 24	Oct 24	FY25 TOTAL	% of TOTAL
Total Salaries and Benefits	\$ 592,770.00	\$ 50,705.12	\$ 51,466.06	\$ 51,799.64	\$ 51,772.64	\$ 205,743.46	34.71%
MAINTENANCE and OPERATIONS							
Cellular Telephone	\$ 5,500.00	\$ 259.69	\$ 214.00	\$ 519.45	\$ 257.81	\$ 1,250.95	22.74%
Training/Travel	\$ 64,000.00	\$ 5,909.89	\$ 6,400.59	\$ 4,822.66	\$ 3,332.75	\$ 20,465.89	31.98%
Professional Memberships	\$ 2,500.00	\$ 184.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 184.00	7.36%
Board Liability Insurance	\$ 1,700.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Internal Services	\$ 35,000.00	\$ 1,746.42	\$ 0.00	\$ 2,061.45	\$ 960.39	\$ 4,768.26	13.62%
GIS State Repository	\$ 105,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Online Training	\$ 165,000.00	\$ 878.33	\$ 547.99	\$ 0.00	\$ 1,270.45	\$ 2,696.77	1.63%
In Person Training	\$ 250,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Communication & Publications	\$ 25,000.00	\$ 0.00	\$ 9,560.00	\$ 0.00	\$ 24.44	\$ 9,584.44	38.34%
Meeting Facilitation	\$ 4,000.00	\$ 51.49	\$ 53.89	\$ 0.00	\$ 0.00	\$ 105.38	2.63%
Computer Hardware	\$ 17,500.00	\$ 0.00	\$ 0.00	\$ 3,019.00	\$ 0.00	\$ 3,019.00	17.25%
Office Furniture	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Software Maintenance	\$ 50,000.00	\$ 1,214.45	\$ 2,295.00	\$ 0.00	\$ 0.00	\$ 3,509.45	7.02%
9-1-1 Coordinator Workshop	\$ 40,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Travel Reim. for Auth Members	\$ 12,000.00	\$ 1,137.39	\$ 380.56	\$ 0.00	\$ 1,986.67	\$ 3,504.62	29.21%
Subtotal	\$ 777,200.00	\$ 11,381.66	\$ 19,452.03	\$ 10,422.56	\$ 7,832.51	\$ 49,088.76	6.32%
CAPITAL OUTLAY							
Administrative Committee							
Statewide 9-1-1 Auditing Services	\$ 100,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Set Aside to Meet Board Goals	\$ 80,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Training	\$ 20,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Subtotal	\$ 200,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Technical Committee							
Set Aside to Meet Board Goals	\$ 100,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Training	\$ 20,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Subtotal	\$ 120,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Operations Committee							
Set Aside to Meet Board Goals	\$ 100,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Training Classes	\$ 20,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
Subtotal	\$ 120,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
PROJECTS							
NG9-1-1 Planning and Deployment	\$ 8,000,000.00	\$ 0.00	\$ 23,979.98	\$ 0.00	\$ 0.00	\$ 23,979.98	0.30%
FY2024 Grant Program	\$ 2,100,000.00	\$ 36,855.34	\$ 50,264.00	\$ 93,412.32	\$ 100,250.00	\$ 280,781.66	13.37%
FY2021 Grant Program	\$ 0.00	\$ 0.00	\$ 12,000.00	\$ 63,616.88	\$ 166,718.64	\$ 242,335.52	
NG9-1-1 RPF Creation	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%
FY2025 Grant Program	\$ 7,500,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00%

REVENUE								
Subtotal	\$ 0.00	\$ 36,855.34	\$ 86,243.98	\$ 157,029.20	\$ 266,968.64	\$ 547,097.16		0.00%
GRANTS								
State Reimbursements		\$ 36,855.34	\$ 62,264.00	\$ 0.00	\$ 266,968.64	\$ 366,087.98		
RESERVE FUND								\$ 692,196
TOTAL EXPENDITURES								
TOTAL EXPENDITURES	\$ 1,809,970.00	\$ 135,797.46	\$ 157,162.07	\$ 219,251.40	\$ 326,573.79	\$ 838,784.72		46.34%
Amount from 9-1-1 Report (SRD)		\$ 100,282.54	\$ 157,110.93	\$ 218,063.90	\$ 325,386.29	\$ 800,843.66		37,941.06
Difference		\$ 35,514.92	\$ 51.14	\$ 1,187.50	\$ 1,187.50	\$ 37,941.06		762,902.60
Change in Liabilites (SRD Report)		\$ (2,861.52)	\$ 2,861.52	\$ (686.15)	\$ (2,010.72)	\$ (2,696.87)		40,637.93
Total w/o Salary		\$ 48,237.00	\$ 105,696.01	\$ 0.00	\$ 274,801.15	\$ 0.00		-2,696.87
Total of all Exp. In Tx Report		\$ 48,237.00	\$ 105,696.01	\$ 0.00	\$ 274,801.15	\$ 0.00		0.00
Difference of Tx Report Total		\$ 87,560.46	\$ 51,466.06	\$ 0.00	\$ 0.00	\$ 0.00		0.00
Difference of SRD / 9-1-1 Total		\$ (35,514.92)	\$ (51.14)	\$ 0.00	\$ 0.00	\$ 0.00		0.00
Difference- CIL Amount		\$ 32,653.40	\$ 2,912.66					0.00

FY24 9-1-1 FINANCE SUMMARY - DECEMBER 5, 2024 MEETING

Date	Deposits	Expenditures	Payroll	Total Expenses	Cash Balance
					\$ 11,712,671.38
July 2024	\$ 1,048,758.38	\$ 135,767.46	\$ 50,705.12	\$ 186,472.58	\$ 12,574,957.18
August 2024	\$ 1,033,175.82	\$ 157,110.93	\$ 51,466.06	\$ 208,576.99	\$ 13,399,556.01
September 2024	\$ 1,036,291.13	\$ 219,251.40	\$ 51,799.64	\$ 271,051.04	\$ 14,164,796.10
October 2024	\$ 1,035,838.98	\$ 326,573.79	\$ 51,772.64	\$ 378,346.43	\$ 14,822,288.65
TOTALS	\$ 4,154,064.31	\$ 838,703.58	\$ 205,743.46	\$ 1,044,447.04	
	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
SRD Numbers	\$ 4,154,064.31	\$ 800,843.66	\$ 0.00	\$ 0.00	
	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	

SEPT. 7, 2023 WIRELESS REPORT

PSAP	6/12/24	FY24 TOTAL	7/12/24	8/12/24	9/12/24	10/12/24	FY25 TOTAL
Adair Co Trust AUTH	\$25,464.27	\$243,015.01	\$14,671.99	\$25,897.37	\$25,894.09	\$26,089.04	\$92,552.49
Alfalfa County	\$14,205.14	\$117,157.85	\$4,393.77	\$14,134.80	\$14,133.21	\$14,228.01	\$46,889.79
Atoka County	\$23,137.31	\$208,404.44	\$10,823.18	\$23,503.05	\$23,500.11	\$23,674.68	\$81,501.02
Beaver County	\$19,381.20	\$148,576.61	\$3,816.25	\$19,409.99	\$19,407.64	\$19,547.36	\$62,181.24
Elk City SWORD 911 True	\$21,686.03	\$207,279.82	\$12,526.27	\$21,319.51	\$21,316.88	\$21,472.86	\$76,635.52
Sayre PD SWORD	\$14,104.08	\$122,892.98	\$5,678.26	\$13,862.17	\$13,860.61	\$13,953.09	\$47,354.13
Weatherford SWOR 911	\$17,390.59	\$149,227.81	\$6,592.20	\$17,311.67	\$17,309.62	\$17,431.47	\$58,644.96
Durant Bryan Co	\$55,599.87	\$550,851.66	\$36,361.00	\$56,992.70	\$56,984.96	\$57,444.66	\$207,783.32
El Reno 911 ACOG	\$32,772.43	\$317,659.84	\$19,930.10	\$33,986.51	\$33,982.06	\$34,245.89	\$122,144.56
Caddo County 911 Comm	\$37,221.85	\$349,114.60	\$20,325.45	\$36,865.31	\$36,860.45	\$37,148.79	\$131,200.00
Mustang 911 ACOG	\$23,450.20	\$235,722.09	\$15,885.94	\$24,541.45	\$24,538.36	\$24,721.77	\$89,687.52
Yukon 911 ACOG	\$37,116.77	\$377,438.98	\$26,145.56	\$39,015.19	\$39,010.03	\$39,316.67	\$143,487.45
Carter County	\$56,072.76	\$558,526.92	\$37,271.84	\$55,933.42	\$55,925.84	\$56,376.52	\$205,507.62
Cherokee County	\$54,792.49	\$546,483.45	\$36,557.89	\$55,165.66	\$55,158.18	\$55,602.33	\$202,484.06
Choctaw County	\$21,995.00	\$201,070.90	\$10,870.47	\$22,055.70	\$22,052.97	\$22,215.22	\$77,194.36
Cimarron County	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Moore 911 ACOG	\$67,222.58	\$695,700.13	\$49,964.78	\$65,948.67	\$65,939.65	\$66,475.60	\$248,328.70
Noble 911 ACOG	\$10,215.08	\$96,512.36	\$5,555.78	\$16,995.53	\$16,993.52	\$17,112.68	\$56,657.51
Norman 911 ACOG	\$126,401.74	\$1,314,469.25	\$95,414.86	\$130,499.06	\$130,480.79	\$131,566.34	\$487,961.05
Cleveland Co 911 ACOG	\$25,918.22	\$256,335.62	\$16,740.20	\$25,355.98	\$25,352.78	\$25,543.12	\$92,992.08
Coal County	\$11,410.07	\$96,615.15	\$3,988.35	\$11,460.19	\$11,458.97	\$11,531.01	\$38,438.52
Comanche Co 911	\$129,961.53	\$1,329,268.00	\$93,652.08	\$129,082.80	\$129,064.72	\$130,138.22	\$481,937.82
Cotton County	\$12,428.83	\$104,363.08	\$4,188.34	\$12,380.46	\$12,379.12	\$12,458.98	\$41,406.90
Craig Co 911	\$21,650.17	\$198,356.87	\$10,784.42	\$22,035.00	\$22,032.28	\$22,194.34	\$77,046.04
City of Bristow	\$12,117.74	\$113,325.54	\$6,399.18	\$7,265.53	\$7,264.91	\$7,301.23	\$28,230.85
City of Drumright	\$9,925.72	\$89,701.50	\$4,574.39	\$6,262.26	\$6,261.79	\$6,289.57	\$23,388.01
City of Mannford	\$10,909.90	\$101,955.28	\$5,723.99	\$5,952.38	\$5,951.96	\$5,977.09	\$23,605.42
City of Sapulpa	\$38,249.10	\$389,282.96	\$27,016.10	\$25,191.18	\$25,188.00	\$25,376.94	\$102,772.22
Creek County	\$22,634.06	\$215,490.62	\$12,913.09	\$49,218.65	\$49,212.03	\$49,605.54	\$160,949.31
Clinton PD SWOR	\$20,386.23	\$185,621.48	\$9,910.01	\$20,027.05	\$20,024.61	\$20,169.59	\$70,131.26
Weatherford PD	\$22,798.12	\$219,240.93	\$13,447.20	\$22,345.04	\$22,342.26	\$22,506.97	\$80,641.47
City of Grove	\$21,070.42	\$206,443.56	\$13,176.66	\$21,893.22	\$21,890.51	\$22,051.37	\$79,011.76
Delaware County	\$29,755.05	\$287,391.60	\$17,869.65	\$30,016.48	\$30,012.60	\$30,242.63	\$108,141.36
Dewey County	\$13,768.40	\$109,447.70	\$3,427.88	\$13,576.61	\$13,575.10	\$13,665.15	\$44,244.74
Woodward 911 Ellis Co	\$14,439.43	\$111,006.79	\$2,848.82	\$14,364.78	\$14,363.15	\$14,459.91	\$46,036.66
Enid Garfield	\$72,670.54	\$727,482.75	\$49,098.90	\$70,531.84	\$70,522.16	\$71,097.14	\$261,250.04
Garvin Co Sheriff 911	\$33,293.71	\$319,521.53	\$19,610.72	\$33,511.09	\$33,506.72	\$33,766.49	\$120,395.02
Tuttle 911 ACOG	\$10,654.13	\$100,755.20	\$5,823.22	\$10,998.63	\$10,997.48	\$11,065.59	\$38,884.92
City of Chickasha	\$18,977.12	\$188,448.32	\$12,349.53	\$19,393.02	\$19,390.67	\$19,530.25	\$70,663.47
Grady County	\$39,140.86	\$375,355.34	\$23,037.83	\$39,507.17	\$39,501.94	\$39,812.77	\$141,859.71
Grant/Woods Co 911	\$13,408.92	\$105,782.36	\$3,170.52	\$13,348.10	\$13,346.62	\$13,434.72	\$43,299.96
Greer Co 911 Tr Auth	\$12,441.05	\$104,447.89	\$4,189.12	\$12,429.94	\$12,428.58	\$12,508.87	\$41,556.51
Hollis PD SWOR 911 Tru	\$8,793.31	\$68,688.48	\$1,865.10	\$8,747.79	\$8,746.97	\$8,795.91	\$28,155.77
Harper County	\$12,754.86	\$97,985.01	\$2,475.95	\$12,709.04	\$12,707.65	\$12,790.32	\$40,682.96
Stigler/Haskell Co 911	\$18,234.93	\$165,819.48	\$8,797.62	\$18,556.94	\$18,554.71	\$18,687.16	\$64,596.43
Hughes County	\$21,252.64	\$192,889.43	\$10,216.21	\$21,328.60	\$21,325.98	\$21,482.03	\$74,352.82
Altus/Jackson Co 911	\$32,409.07	\$310,451.35	\$18,967.31	\$32,278.61	\$32,274.41	\$32,523.70	\$116,044.03
Jefferson County	\$13,022.70	\$107,359.01	\$3,999.97	\$13,137.58	\$13,136.13	\$13,222.44	\$43,496.12
Johnston County E911	\$17,220.07	\$154,340.34	\$7,844.13	\$17,180.03	\$17,178.00	\$17,298.73	\$59,500.89
City of Blackwell	\$12,060.59	\$109,599.48	\$5,727.87	\$12,050.94	\$12,049.64	\$12,126.70	\$41,955.15
Ponca City 911	\$42,928.60	\$422,358.98	\$27,430.82	\$42,887.95	\$42,882.24	\$43,221.85	\$156,422.86
City of Tonkawa	\$7,521.44	\$65,092.23	\$2,834.09	\$7,524.49	\$7,523.84	\$7,562.36	\$25,444.78
Kingfisher County	\$23,456.54	\$213,851.70	\$11,491.40	\$23,562.50	\$23,559.55	\$23,734.62	\$82,348.07
Hobart SWOR Trust Auth	\$17,785.97	\$151,140.34	\$6,450.34	\$17,750.78	\$17,748.67	\$17,874.26	\$59,824.05
Latimer Co E911 Trust	\$16,761.61	\$147,777.25	\$7,137.16	\$16,951.61	\$16,949.61	\$17,068.39	\$58,106.77
Leflore Co 911	\$56,127.44	\$540,818.96	\$33,647.84	\$57,328.51	\$57,320.72	\$57,783.29	\$206,080.36
Town of Pocola	\$7,361.02	\$66,101.02	\$3,249.59	\$7,482.31	\$7,481.67	\$7,519.83	\$25,733.40
Lincoln Co 911 Tr AUTH	\$42,200.67	\$409,379.61	\$25,795.18	\$43,018.28	\$43,012.54	\$43,353.26	\$155,179.26
Guthrie 911 ACOG	\$41,848.61	\$412,237.85	\$26,836.25	\$42,167.36	\$42,161.75	\$42,495.23	\$153,660.59
Love Co Comm Centre	\$16,576.38	\$150,662.50	\$7,961.96	\$16,463.56	\$16,461.63	\$16,576.26	\$57,463.41
Newcastle 911 ACOG	\$15,001.23	\$145,713.72	\$9,062.73	\$15,916.40	\$15,914.54	\$16,024.52	\$56,918.19
Blanchard McClain Co	\$12,421.49	\$119,315.68	\$7,196.85	\$12,864.69	\$12,863.27	\$12,947.26	\$45,872.07
McClain Co Comm Centre	\$30,924.58	\$302,303.70	\$19,306.07	\$32,412.15	\$32,407.94	\$32,658.36	\$116,784.52

PSAP	6/12/24	FY24 TOTAL	7/12/24	8/12/24	9/12/24	10/12/24	FY25 TOTAL
McCurtain Co E911	\$45,169.22	\$417,632.21	\$23,505.27	\$45,095.59	\$45,089.56	\$45,447.97	\$159,138.39
Checotah McIntosh Co	\$5,938.06	\$51,689.63	\$2,250.37	\$6,069.77	\$6,069.33	\$6,095.47	\$20,484.94
McIntosh Co Trust AUTH	\$23,093.66	\$214,968.39	\$12,197.59	\$23,658.96	\$23,656.00	\$23,831.90	\$83,344.45
Enid/Garfield/MajorCo	\$16,816.79	\$142,743.05	\$6,054.22	\$16,488.27	\$16,486.34	\$16,601.18	\$55,630.01
Marshall County	\$20,694.62	\$196,555.16	\$11,692.94	\$21,361.57	\$21,358.94	\$21,515.27	\$75,928.72
Mayes Co Pryor PD	\$12,124.75	\$116,696.11	\$7,065.84	\$12,379.06	\$12,377.72	\$12,457.57	\$44,280.19
Mayes County	\$36,627.85	\$358,019.07	\$22,900.62	\$37,060.81	\$37,055.92	\$37,345.92	\$134,363.27
Murray County	\$19,548.94	\$184,557.06	\$10,809.23	\$19,175.87	\$19,173.55	\$19,311.27	\$68,469.92
Muskogee City County	\$73,272.74	\$739,226.92	\$50,653.92	\$73,704.03	\$73,693.90	\$74,295.88	\$272,347.73
Perry Noble Co	\$17,080.70	\$153,695.13	\$7,899.95	\$10,381.77	\$10,380.71	\$10,443.56	\$39,105.99
Nowata County	\$15,710.66	\$140,372.61	\$7,048.79	\$15,927.54	\$15,925.69	\$16,035.76	\$54,937.78
Okfuskee County	\$18,037.95	\$163,659.98	\$8,626.30	\$18,057.90	\$18,055.74	\$18,183.95	\$62,923.89
Bethany 911 ACOG	\$24,284.04	\$244,652.70	\$16,568.88	\$23,683.36	\$23,680.40	\$23,856.50	\$87,789.14
City of Oklahoma City	\$700,599.05	\$7,340,593.76	\$540,894.85	\$696,709.96	\$696,610.52	\$702,516.88	\$2,636,732.21
Del City 911 ACOG	\$25,268.19	\$254,946.60	\$17,325.47	\$24,370.97	\$24,367.91	\$24,549.87	\$90,614.22
Edmond 911 ACOG	\$117,004.92	\$1,216,324.79	\$88,219.56	\$115,710.32	\$115,694.17	\$116,653.80	\$436,277.85
Midwest City 911 ACOG	\$62,664.71	\$647,740.86	\$46,403.56	\$60,777.67	\$60,769.39	\$61,261.32	\$229,211.94
Nichols Hills 911 ACOG	\$7,017.18	\$63,188.75	\$3,122.46	\$6,889.57	\$6,889.02	\$6,922.13	\$23,823.18
Oklahoma Co 911 ACOG	\$57,002.44	\$583,213.74	\$40,987.32	\$56,159.73	\$56,152.11	\$56,604.72	\$209,903.88
The Village 911 ACOG	\$12,922.31	\$125,262.69	\$7,723.98	\$12,497.31	\$12,495.95	\$12,576.81	\$45,294.05
Warr Acres 911 ACOG	\$14,590.52	\$142,795.08	\$9,023.20	\$14,403.91	\$14,402.28	\$14,499.37	\$52,328.76
City of Henryetta	\$13,213.41	\$124,934.30	\$7,271.27	\$13,442.71	\$13,441.22	\$13,530.13	\$47,685.33
Okmulgee County 911	\$33,111.29	\$323,789.86	\$20,709.16	\$33,320.21	\$33,315.86	\$33,574.01	\$120,919.24
Osage County	\$47,476.74	\$434,932.62	\$23,908.37	\$47,497.17	\$47,490.80	\$47,869.65	\$166,765.99
Ottawa Co E911 Govern	\$35,862.43	\$354,605.33	\$23,233.18	\$35,770.62	\$35,765.92	\$36,044.94	\$130,814.66
City of Cleveland	\$14,670.29	\$139,690.28	\$8,294.52	\$14,931.92	\$14,930.21	\$15,031.80	\$53,188.45
City of Pawnee	\$10,352.06	\$87,698.82	\$3,606.18	\$10,387.13	\$10,386.08	\$10,448.97	\$34,828.36
Cushing PD Payne Co	\$11,282.16	\$107,889.16	\$6,419.34	\$11,309.33	\$11,308.14	\$11,378.89	\$40,415.70
Payne Co 911Comm Agency	\$30,221.92	\$291,397.47	\$18,052.59	\$30,259.90	\$30,255.99	\$30,488.09	\$109,056.57
Stillwater PD Payne Co	\$51,810.12	\$533,481.64	\$37,913.70	\$51,816.36	\$51,809.36	\$52,224.99	\$193,764.41
Yale PD Payne Co	\$4,012.88	\$31,627.28	\$785.27	\$4,005.17	\$4,005.03	\$4,013.59	\$12,809.06
City of McAlester	\$54,840.41	\$532,205.59	\$33,630.78	\$54,352.68	\$54,345.31	\$54,782.54	\$197,111.31
Pontotoc Co Ada 911 Tr	\$45,702.18	\$452,159.68	\$29,721.51	\$45,242.29	\$45,236.23	\$45,595.89	\$165,795.92
City of Shawnee	\$34,222.13	\$348,274.01	\$24,143.25	\$34,062.17	\$34,057.72	\$34,322.19	\$126,585.33
Pottawatomie Co 911 Sys	\$49,612.91	\$492,610.96	\$32,636.99	\$49,529.21	\$49,522.54	\$49,918.70	\$181,607.44
Pushmataha County	\$22,596.60	\$192,081.43	\$8,268.16	\$22,586.21	\$22,583.40	\$22,750.16	\$76,187.93
Roger Mills Co SWOR Tr	\$14,325.59	\$109,749.90	\$2,748.04	\$14,169.31	\$14,167.71	\$14,262.81	\$45,347.87
Rogers County	\$93,431.19	\$954,671.28	\$67,072.42	\$95,103.92	\$95,090.72	\$95,874.91	\$353,141.97
Seminole County	\$29,790.24	\$286,948.37	\$17,733.99	\$29,873.21	\$29,869.36	\$30,098.16	\$107,574.72
Sequoyah County	\$45,942.44	\$454,957.67	\$29,963.36	\$47,030.93	\$47,024.62	\$47,399.51	\$171,418.42
City of Duncan	\$25,351.20	\$254,831.81	\$17,192.13	\$26,077.57	\$26,074.27	\$26,270.75	\$95,614.72
City of Marlow	\$7,365.75	\$66,727.64	\$3,368.97	\$7,461.42	\$7,460.78	\$7,498.76	\$25,789.93
Stephens County	\$24,008.04	\$221,328.91	\$12,258.06	\$24,269.36	\$24,266.31	\$24,447.40	\$85,241.13
Texas County	\$37,349.02	\$331,813.52	\$16,686.71	\$35,929.24	\$35,924.52	\$36,204.89	\$124,745.36
Tillman County	\$15,314.14	\$128,870.42	\$5,268.96	\$15,294.36	\$15,292.60	\$15,397.27	\$51,253.19
Tulsa County	\$50,844.13	\$517,104.26	\$35,912.94	\$50,490.47	\$50,483.66	\$50,888.01	\$187,775.08
City of Bixby	\$33,021.60	\$335,993.58	\$23,275.81	\$33,128.72	\$33,124.40	\$33,380.92	\$122,909.85
City of Broken Arrow	\$134,007.04	\$1,395,926.27	\$101,644.28	\$135,730.43	\$135,711.40	\$136,841.49	\$509,927.60
City of Collinsville	\$11,126.02	\$106,239.90	\$6,296.08	\$11,350.52	\$11,349.32	\$11,420.42	\$40,416.34
City of Glenpool	\$16,787.53	\$165,702.33	\$10,697.60	\$16,778.90	\$16,776.92	\$16,894.24	\$61,147.66
City of Jenks	\$29,971.99	\$304,151.18	\$20,942.50	\$29,636.53	\$29,632.71	\$29,859.50	\$110,071.24
City of Owasso	\$41,917.02	\$429,787.41	\$30,264.91	\$41,609.91	\$41,604.38	\$41,933.11	\$155,412.31
City of Sand Springs	\$22,934.45	\$230,109.03	\$15,445.63	\$22,778.85	\$22,776.01	\$22,944.41	\$83,944.90
City of Skiatook	\$11,444.48	\$109,482.67	\$6,523.21	\$11,286.69	\$11,285.50	\$11,356.05	\$40,451.45
City of Tulsa	\$421,869.41	\$4,420,131.17	\$325,604.02	\$414,553.55	\$414,494.56	\$417,998.60	\$1,572,650.73
City of Coweta	\$13,045.48	\$126,357.14	\$7,779.79	\$13,759.29	\$13,757.75	\$13,849.35	\$49,146.18
City of Wagoner	\$10,710.64	\$101,821.52	\$5,961.98	\$11,001.71	\$11,000.57	\$11,068.70	\$39,032.96
Wagoner County	\$32,925.55	\$323,575.65	\$20,913.04	\$34,224.19	\$34,219.72	\$34,485.57	\$123,842.52
City of Bartlesville	\$57,990.44	\$588,755.59	\$40,785.77	\$58,355.81	\$58,347.88	\$58,819.19	\$216,308.65
Washita Co SWOR Trust	\$15,184.26	\$132,802.76	\$6,230.19	\$15,048.58	\$15,046.85	\$15,149.44	\$51,475.06
Woods County	\$19,647.20	\$164,335.48	\$6,623.21	\$19,553.35	\$19,550.98	\$19,691.92	\$65,419.46
Woodward County	\$31,301.32	\$287,947.39	\$15,926.25	\$30,440.26	\$30,436.33	\$30,669.96	\$107,472.80
TOTAL	\$4,774,965.46	\$37,543,620.29	\$3,097,708.67	\$4,775,919.38	\$4,775,288.18	\$4,812,783.93	\$17,461,700.16

PSAP	6/12/24	FY24 TOTAL	7/12/24	8/12/24	9/12/24	10/12/24	FY25 TOTAL
Cimarron County (under escrow)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

FINANCE REPORT PLACEHOLDER



Change Order #1
to Mission Critical Partners, LLC
Proposal for Statewide ESInet and NGCS Acquisition Support
for
Oklahoma 9-1-1 Management Authority

(MCP Project #24-162)

This change order (“Change Order #1”), effective on the last date signed by the parties (“Effective Date”), is made and entered into by and between Mission Critical Partners, LLC (“MCP” or “PROVIDER”), a Delaware limited liability company, with its principal place of business at 690 Gray’s Woods Boulevard, Suite 100, Port Matilda, PA 16870 and Oklahoma 9-1-1 Management Authority (“CLIENT”) with an address of 2400 North Lincoln Boulevard, Oklahoma City, OK 73105 (hereinafter collectively the “Parties” and singularly the “Party”).

RECITALS

WHEREAS, MCP provided CLIENT with a proposal dated November 30, 2023 for Statewide ESInet and NGCS Acquisition Support (the “Proposal”); and

WHEREAS, the Proposal services and fees were approved via Oklahoma Department of Emergency Management Purchase Order #3099005408 dated March 20, 2024; and

WHEREAS, CLIENT has identified the need for support in creating a cybersecurity policy and is requesting the funds currently allocated for Phase 3 Strategic Plan Updates be used for the additional scope of work; and

WHEREAS, the Parties desire to amend the Proposal.

NOW, THEREFORE, the Parties, in consideration of the mutual promises and covenants contained herein, do mutually agree as follows:

1. The above Recitals are true and correct and are incorporated herein by reference.
2. MCP’s Proposal is attached hereto by reference and made a part of this Change Order #1.
3. Phase 3: Strategic Plan Updates of MCP’s Proposal is hereby amended to include the Additional Services included in Attachment A to this Change Order #1.
4. The breakdown of fees in the Proposal is deleted in its entirety and replace with the following:



	Original Contract Value	New Contract Value
Project 24-162 OK911 Mgmt Auth ESInet/NGCS	\$178,538.00	\$178,538.00
Phase: 001 Strategic Planning	\$79,642.00	\$111,962.00
Phase: 002 Procurement Support	\$66,576.00	\$66,576.00
Phase: 003 Strategic Plan Update	\$32,320.00	\$0

IN WITNESS WHEREOF, CLIENT and PROVIDER agree to this Change Order #1 effective on the last date signed by the Parties (“Effective Date”).

Oklahoma 9-1-1 Management Authority

Mission Critical Partners, LLC

Signature

Signature

Name, Title

Name, Title

Date

Date

Attachment A – Additional Services

Task 1.3 Cybersecurity Policy Creation

MCP will work with OK911MA and stakeholders to create a Cybersecurity Policy as identified in the current strategic plan. The cybersecurity policy will serve as the foundational framework for protecting the state and agencies from cyber threats. It outlines key areas such as data protection, governance, access control, incident response, roles and responsibilities, etc. By establishing a cybersecurity policy first, you ensure that the overarching security posture and principles are in place, which will then inform how interconnectivity is handled safely. With a solid cybersecurity policy in place, the interconnectivity policy can be developed to align with the security standards already established.

MCP has included 190 hours of support for policy development.



Deliverables:

- Draft Cybersecurity Policy
- Final Cybersecurity Policy



MissionCriticalPartners
Because the Mission Matters

Next Generation 9-1-1
Strategic Plan

Final Report

PREPARED JULY 2024 FOR
OKLAHOMA 9-1-1 MANAGEMENT AUTHORITY

[MissionCriticalPartners.com](https://www.MissionCriticalPartners.com)

Dallas Office | 502 N. Carroll Ave., Suite 120 | Southlake, TX 76092 | 888.8.MCP.911 or 888.862.7911

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Introduction

In 2016, passage of House Bill (HB) 3126, the Oklahoma 9-1-1 Management Authority Act, increased phone fees for 9-1-1, created the Oklahoma 9-1-1 Management Authority (OK911MA), and provided additional support from the State government to OK911MA, which included a paid state 9-1-1 coordinator¹. The 9-1-1 coordinator's office oversees the development and operation of emergency 9-1-1 systems within the state of Oklahoma (state – geographically) and is responsible for implementing a plan to standardize the way 9-1-1 is administered and managed with the State.

In 2021, passage of Senate Bill (SB) 687 amended the Oklahoma 9-1-1 Management Authority Act to update and clarify the authority of OK911MA. This legislation directed OK911MA to create a statewide master plan for the transition to Next Generation 9-1-1 (NG9-1-1), including establishing rules for interoperability between NG9-1-1 systems. It also requires local NG9-1-1 plans to align with the statewide plan. OK911MA has the authority to oversee all 9-1-1 fees collected, and to direct the Oklahoma Tax Commission to escrow funds if an agency fails to provide connectivity between available next-generation systems.²

OK911MA supports 9-1-1 operations within the 77 counties of Oklahoma, which are regionalized into 11 councils of government (COGs). Three of the 11 COGs actively provide support for 9-1-1 services in their region. Currently, there are 126 local and county primary public safety answering points (PSAPs), eight secondary PSAPs, and multiple standalone emergency communications centers (ECCs) operating across the state. The standalone ECCs handle emergency calls for local police and fire, state parks, lakes, waterways, military bases, and certain restricted tribal properties.

During the past three years, OK911MA has gained baseline knowledge via data gathering and an NG9-1-1 Feasibility Study to assist in building Oklahoma's strategic plan for the transition to NG9-1-1. This strategic plan—a roadmap—will guide OK911MA for the next three to five years as it transitions to NG9-1-1. The initiatives and supporting actions in this plan will support OK911MA's vision to ensure all public safety entities have equal access to emerging technologies to deliver efficient, reliable public safety response to best serve all communities within Oklahoma.

OK911MA Overview

OK911MA is authorized for three full-time equivalent (FTE) positions, which include a 9-1-1 coordinator, a grants and compliance officer, and an administrative assistant. The Oklahoma 9-1-1 Management Authority Act provides for OK911MA to direct distribution of 9-1-1 fees to the state's PSAPs, to ensure PSAP compliance with public safety standards, and to administer grants to the PSAPs for upgrading technology.

¹ Oklahoma 9-1-1 Management Authority History of the Authority, https://www.ok.gov/911/About_Us/History/index.html

² http://webserver1.lsb.state.ok.us/cf_pdf/2021-22%20SUPPORT%20DOCUMENTS/BILLSUM/House/SB687%20ENGR%20BILLSUM.PDF

Oklahoma Administrative Rules, Title 145, Chapter 15³ provide the guidelines for OK911MA operation. The administrative rules describe three standing committees and authorize ad hoc committees established by the chair or by majority vote of OK911MA. Committees are chaired by a member of the OK911MA Board and consist of volunteer members with 9-1-1 experience approved by OK911MA.

The standing committees are:

- Administrative committee for oversight of rules, finance and funding, grant distribution, audits, and PSAP annual reports. The Grant Review committee, a subcommittee of the Administrative committee, is responsible for evaluating grant applications and making funding recommendations to the OK911MA Board.
- Technical committee for developing a plan to deploy NG9-1-1, conducting inventory of 9-1-1 infrastructure, recommending 9-1-1 equipment standards for competitive procurement, identifying call routing and networks in use by PSAPs, developing model plans for sharing of equipment and technology, and identifying governmental and industry programs and standards beneficial for statewide NG9-1-1. The OK911MA GIS subcommittee, comprised of 9-1-1 geographic information system (GIS) professionals and other GIS stakeholders in the state, provides GIS standards guidance and input on OK911MA GIS projects such as education, training, the GIS repository, and GIS workflow processes related to 9-1-1.
- Operations committee for developing training program standards for 9-1-1 call-takers, developing best practices for PSAP operations, recommending improvement plans for underperforming PSAPs, and creating a guide for statewide coverage and interoperability between PSAPs.

The Legislative committee is an ad hoc committee that follows 9-1-1 legislation and builds relationships with State legislators for the purpose of educating and advocating for 9-1-1 and working on projects such as funding for NG9-1-1.

OK911MA's Advancement Towards NG9-1-1

Next Generation 9-1-1 Feasibility Study

Even before the passage of SB 687, which directed OK911MA to develop a statewide master plan for the transition to NG9-1-1, its 9-1-1 Office was focused on understanding the state's capacity for NG9-1-1. In 2019, OK911MA contracted with Mission Critical Partners, LLC (MCP) to conduct a feasibility study on the implications, costs, and considerations of implementing NG9-1-1. The feasibility study report was prepared after 14 months of work and delivered to OK911MA on August 27, 2020.

³ [https://www.ok.gov/911/documents/Emergency_Rule_Document_\(EME\).pdf](https://www.ok.gov/911/documents/Emergency_Rule_Document_(EME).pdf)

The report identified seven focus areas for the state, analyzed study findings, and offered suggestions for each area. A master recommendations table summarized the recommendations and considerations for the State's next steps toward NG9-1-1. The feasibility study called for additional staffing for the 9-1-1 Office and suggested the State consider network availability, deployment options, and call-handling equipment (CHE) status before more detailed technology recommendations would be made. Appendix A contains the feasibility study's master recommendations table and accomplishments regarding the recommendations.

Facilitated Strategic Planning

OK911MA and the Technical committee identified the need to bring in an independent third party to assist in creating an NG9-1-1 Strategic Plan. MCP was subsequently hired and facilitated a strategic planning meeting with key stakeholders on January 7, 2022. Participants included OK911MA staff and stakeholders who represented Oklahoma 9-1-1 and GIS communities.

During the meeting, MCP helped the group develop options for a vision and mission statement to guide Oklahoma in its transition to NG9-1-1. After brainstorming options, attendees agreed to an online voting mechanism to adopt the final vision and mission statements.

OK911MA Vision and Mission

Oklahoma 9-1-1 Management Authority Vision

Ensure all public safety entities have equal access to emerging technologies in order to receive and deliver reliable and consistent 9-1-1 service across Oklahoma from all communication methods.

Oklahoma 9-1-1 Management Authority Mission

Provide focused leadership to empower local 9-1-1 authorities by educating, training, advocating, and guiding a statewide transition to emerging 9-1-1 emergency services including strategic planning, sustainable funding, and a focused move to new technologies and empower local 9-1-1 authorities to use emergency technologies to provide the highest level of 9-1-1 service available to benefit first responders, the public, and visitors of Oklahoma.

OK911MA Strategic Initiatives

During the January meeting, MCP led the group through the strategic planning process using the "gameboard" methodology to compile a list of strategic initiatives. This method helps groups define the

current state, desired future state, case for change, barriers to success, and strategy(ies) to complete the transition to NG9-1-1.

The stakeholders agreed during the meeting to rank the strategic initiatives to establish their priorities. This was conducted via an online voting mechanism, giving each attendee the opportunity to provide their perspective on the criticality of each initiative. Those strategic initiatives combined with the recommendations from the feasibility study are the baseline for this strategic plan to advance NG9-1-1 in Oklahoma.

Each initiative and corresponding action within this plan will serve as a roadmap for the organization's evolution towards end-state NG9-1-1. In many cases, the transition to the NG9-1-1 end-state is an iterative process where technical and operational needs are intertwined and must be addressed in parallel. It may take years to make the full transition to National Emergency Number Association (NENA) i3⁴-compliant NG9-1-1 and, in some cases, will require technology or compliance outside OK911MA's sphere of influence.

As OK911MA moves forward with planning and implementing NG9-1-1, priorities may shift based on accomplished milestones and technology advancements in the industry. As that work progresses, these strategic initiatives should be reviewed regularly.

The strategic initiatives/actions identified and chosen by OK911MA staff and stakeholders are listed below and ranked in the order of tasks to begin first.

Commented [JB1]: Strategic Initiatives have been reordered in priority

⁴ [NENA i3 Solution - Stage 3 - National Emergency Number Association](#)

Strategic Initiative #1

- Develop and review 9-1-1-related best practices, standards, and policies regularly

Strategic Initiative #2

- Formal documented stakeholder communications plan

Strategic Initiative #3

- Procure next generation core services (NGCS) and Emergency Services Internet Protocol (IP) network (ESInet)

Strategic Initiative #4

- Strategy for more OK911MA staff to optimize the workforce for the transition

Strategic Initiative #5

- Create an NG9-1-1 transition plan

Strategic Initiative #6

- Continue work to meet the NG9-1-1 GIS plan for the state

Strategic Initiative #7

- OK911MA guidance and education to local 9-1-1 authorities, including NG9-1-1 implementation plans for local 9-1-1 authorities #4 is missing from table below as an initiative

Strategic Initiative #8

- Statewide NG9-1-1 PSAP cutover plan

Strategic Initiative #9

- Develop a strategic plan to ensure new technologies and operational strategies are reviewed and adopted as needed

Strategic Initiative #10

- Sustainable funding strategy

Strategic Initiative #11

- 9-1-1 coordinator leadership development plan

Strategic Initiative #12

- Amend legislation

The strategic initiatives were grouped into six focus areas: governance, planning, and policy; communications; technology; GIS; funding; and operations and training.

Table 1: OK911MA NG9-1-1 Focus Areas, Initiatives, Actions

Focus Area	Initiatives	Actions
Governance, Planning & Policy	Create an NG9-1-1 Transition Plan	<ul style="list-style-type: none"> Transition plan to provide directions for achieving the mission and vision; include elements from all initiatives Contingency plans to ensure and encourage 100% adoption of NG9-1-1 across Oklahoma Plan for incorporation of non-primary ECCs
	Develop a Strategic Plan	<ul style="list-style-type: none"> Provide guidance for the next three to five years Guidance will include the vision for end state, including interconnectivity with neighboring NG911 deployments and seamless transfers in state and neighboring states Identify initiatives to guide the transition to NG9-1-1 Help prioritize the work needed
	Amend legislation	<ul style="list-style-type: none"> Review and refresh current 9-1-1 legislation to support NG9-1-1 requirements
	Develop NG9-1-1 policies, best practices, and standards	<ul style="list-style-type: none"> Develop NG9-1-1 policies, best practices, and standards that are adopted, reviewed, and updated regularly Strategic plan to ensure new technologies and operational strategies are reviewed and adopted as needed Review existing policies and determine the needed refinements moving forward
Communications	Formal documented stakeholder communications plan	<p><u>Plan to include:</u></p> <ul style="list-style-type: none"> Create a well-defined educational campaign for all stakeholders, including elected officials that defines the end state of NG911 and Oklahoma benefits Create a focused communication plan for local education outlining funding processes and preparation checklists Strategy to garner advocates for the transition to NG9-1-1 from public safety partners and providers Develop contingency plans to educate statewide stakeholders with the goal of 100% adoption of NG9-1-1 across Oklahoma
	NG9-1-1 implementation guidance	<ul style="list-style-type: none"> Develop implementation plan template for local 9-1-1 authorities

Deleted: A strategic plan will:
 Provide guidance for the next three to five years
 Identify initiatives to guide the transition to NG9-1-1
 Help prioritize the work needed to realize OK911MA's vision

Deleted: Update current 9-1-1 legislation to support NG9-1-1 requirements

Deleted: Develop NG9-1-1 policies, best practices, and standards that are adopted, reviewed, and updated regularly
 Strategic plan to ensure new technologies and operational strategies are reviewed and adopted as needed

Deleted: Plan to include:
 Educational campaign for all stakeholders, including elected officials
 Strategy to garner advocates for the transition to NG9-1-1 from public safety partners and providers
 Develop contingency plans to educate statewide stakeholders with the goal of 100% adoption of NG9-1-1 across Oklahoma

Focus Area	Initiatives	Actions
Technology	Procure NGCS/ ESInet/CHE?	<ul style="list-style-type: none"> • ESInet acquisition and deployment strategy • NGCS planning • CHE compatibility and deployment models-refresh to clarify vendor selection requirements and providing a catalog of vendors for selection
	Statewide NG9-1-1 PSAP cutover plan	<ul style="list-style-type: none"> • Determine the order of cutover by identifying and ranking success factors • Establish contingency plans in the event that cutover factors change
GIS	Continue work to meet NG9-1-1 GIS plan for the State	<ul style="list-style-type: none"> • Rollout GIS training for local leadership • Educate local areas on the need for GIS data for NG9-1-1 • Annual review of Oklahoma GIS standards for alignment to NENA standards and National 911 Program best practices • Annual progress report for GIS plan for NG9-1-1 • Improve the State's GIS readiness rating on data maintenance and jurisdictional boundaries • Upload more PSAP data to the State GIS repository
Funding	Develop a sustainable funding strategy	<ul style="list-style-type: none"> • Review and refresh the funding model and sustainability of NG9-1-1, including specific information for the locals to understand what is needed and fund utilization
Operations & Training	Develop a strategy for additional OK911MA personnel	<ul style="list-style-type: none"> • Identify additional OK911MA office resources needed for the transition to NG9-1-1 • Develop a strategy to obtain resources for the transition
	Leadership development	<ul style="list-style-type: none"> • 9-1-1 coordinator leadership development plan

Deleted: and ESInet

Deleted: ESInet acquisition and deployment strategy
 NGCS planning
 CHE compatibility and deployment models

Deleted: Conduct NG9-1-1 funding study
 Create a sustainable funding model for the transition to and sustainability of NG9-1-1

1 Governance, Planning, & Policy



Proper governance, planning, and policies are critical components of a successful transition from legacy 9-1-1 to NG9-1-1. Governance, planning, and policies establish a path to success and a baseline for how to navigate the path. Without them, every aspect of the transition faces increased risks. A strategic plan aligns with OK911MA's strategic initiatives and identifies the activities needed to accomplish a successful transition, while the implementation/transition plan details who will be responsible for those activities, and the how, where, and when they will be done to accomplish the vision and mission for the future.

Priority



Governance, planning, and policies are critical to a successful NG9-1-1 transition.

Initiatives

1.1 Develop a Strategic Plan

A strategic plan will guide OK911MA for the next three to five years as it transitions to NG9-1-1. The initiatives and supporting actions in this plan will support OK911MA's vision to ensure all public safety entities have equal access to emerging technologies.

1.2 Amend Legislation

While Oklahoma Senate Bill 687 moved the State toward NG9-1-1 planning, current Oklahoma legislation for 9-1-1 services focuses on details for a legacy 9-1-1 environment. It does not address funding, implementation, or oversight for the transition from a legacy PSAP to an NG9-1-1 PSAP, although it gives OK911MA the responsibility for the NG9-1-1 master plan and for establishing rules for interoperability between the PSAPs within Oklahoma. The National 911 Program's legislation recommendations would be a desirable basis for the legislative updates that Oklahoma will need to make to support an NG9-1-1 transition and implementation. Many of these are listed in the feasibility study report mentioned previously.

The interoperability and interconnected nature of NG9-1-1 will require updates to old legislation for the transition to and maintenance of NG9-1-1. Specific technologies are required for NG9-1-1 to work with other 9-1-1 technologies in the PSAPs. This means that local authorities will need guidance to procure and replace equipment that maintains interoperability with the rest of Oklahoma's community of 9-1-1 providers. New operational strategies for interoperability will be needed and may require legislative direction.

The transition will require funding for procurement and deployment of these new technologies and for continued payment of legacy services while the transition occurs. Consideration should be given to those items that can be a one-time purchase using capital funds or grant money and those recurring items, which will need a sustainable funding source. Some local agencies will be burdened without monetary support of some kind. A cost estimate by PSAP and for statewide transition/operation will be necessary to determine

what funding is needed and how to fund the one-time and recurring costs. This will likely involve a legislative interim study to quantify the costs and gather support for changes to existing legislation.

1.3 Create an NG9-1-1 Transition Plan

The transition plan defines the details of the State's master plan for the transition to and implementation of NG9-1-1. It will include elements from all initiatives and strategies for governance, planning, and policy. Regular review of the plan keeps the initiatives fresh and forward-looking. A group within OK911MA should be tasked with ensuring new technologies and operational strategies are regularly reviewed and adopted when prudent.

The transition plan will include an implementation plan template for local 9-1-1 authorities to use and customize for their specific needs in connecting to the statewide NG9-1-1 platform. The implementation plan will show what and when each step toward the transition will happen and how processes, procedures, resources, and equipment will change.⁵ It will identify who will make the changes and when they will be completed along with how to measure success. It will be specific to those items needed by the local authority and align with the overall master plan for Oklahoma NG9-1-1.

The transition plan will include a risk assessment to identify the potential for reduced success and contingency plans to mitigate the risk and encourage 100% adoption of NG9-1-1 across Oklahoma in the event of the slow adoption of NG9-1-1. Plans can include a combination of strategies such as interoperability policies and communications plans. Stakeholder communication focused on listening, informing, and persuading those impacted by NG9-1-1 will increase awareness and acceptance. The transition plan should include an impact study for incorporating non-primary ECCs into the NG9-1-1 platform so that Oklahomans using state parks, waterways, and lakes or on military bases or restricted tribal territory will receive the same benefits of NG9-1-1 interoperation that the 126 state PSAPs will have.

1.4 Develop NG9-1-1 Policies, Best Practices, and Standards

OK911MA's Operations committee is tasked with developing policies, best practices, and standards for PSAPs and recommending improvement plans for underperforming PSAPs. Logically, this committee would be the group to develop and/or recommend NG9-1-1 statewide policies, standards, and best practices for PSAPs.

OK911MA's Technology committee will be instrumental in developing technical policies required to guide the transition to NG9-1-1. For example, an essential policy will be one to identify the standards for the interoperability of NG9-1-1 equipment and services as well as interconnectivity between regional ESInets and the state ESInet.

An OK911MA interconnectivity policy can provide local authorities with baseline technical requirements for a connection to the State's ESInet. This policy should identify points of interconnection and describe how calls are expected to be delivered to the state ESInet as detailed in [NENA-STA-010.3b-2021](#) with emphasis on its ESInet and inter-ESInet transfers.

⁵ <https://www.isixsigma.com/implementation/implementation-plan-getting-beyond-quick-fix/>

An NG9-1-1 interoperability policy will identify the applicable i3 standards and security standards to be followed and delineate responsibilities for connecting to the statewide system. An interconnection policy would establish minimum security requirements to follow in connecting to the statewide ESInet and for CHE connecting to the local authority's ESInet.

These security and cybersecurity plans will need to meet State requirements and be based on National Institute of Standards and Technology (NIST) and International Organization for Standardization (ISO) standards. Compliance with NENA standards, including NENA-STA-010.3-2021 and all applicable Alliance for Telecommunications Industry Solutions (ATIS), Internet Engineering Task Force (IETF), and 3rd Generation Partnership Project (3GPP) specifications should also be included.

Both committees would be charged with the regular review of existing policies and bringing new policies, standards, and best practices to the full OK911MA Board for adoption. A permanent full-time resource in the 9-1-1 Office would be a valuable means of ensuring this endeavor receives the regular review it requires to be successful. This position would monitor best practices and standards from standards-based organizations like NENA and the Association of Public-Safety Communications Officials (APCO) International, and the National 911 Program for NG9-1-1 service delivery, and ensure that PSAP needs are being met by policy and practice standards.

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2 Communications



Communication is one of the simplest and least utilized tools for success during times of change. Frequent communication enhances trust, builds relationships, and helps stakeholders lend a voice to a conversation, leading to greater understanding, support, and buy-in on critical initiatives.

Priority



Communications is essential to raise awareness of the benefits of NG9-1-1 and the need to adequately fund the transition.

Initiative

2.1 Formal Documented Stakeholder Communications Plan

OK911MA and the key stakeholder group identified the need to create a formal stakeholder communications plan and process to continue work being done organically and to facilitate the transition to NG9-1-1. A communications plan should identify target audiences, communication methods, timing and frequency of communication, and key messages.

OK911MA stakeholders identified the need for the following elements to be included in the plan:

- Educational campaign for all stakeholders, including elected officials
- Strategy to garner advocates for the transition to NG9-1-1
- Contingency plans to ensure and encourage 100% adoption of NG9-1-1 across Oklahoma

As a part of the communications plan, OK911MA should consider hosting special educational forums throughout the state and publishing a quarterly newsletter. This newsletter will provide updates on the transition to NG9-1-1, the schedule of upcoming meetings or deadlines, challenges OK911MA may be facing, and any industry information that may help educate stakeholders on the benefits of NG9-1-1.

Develop an educational campaign for all stakeholders, including elected officials

Once the formal communications plan is created, OK911MA stakeholders identified the need to create an educational campaign for elected officials at the state, county, and local levels; law enforcement; public safety industry professionals; and PSAPs. It will be important to identify all stakeholders who would benefit from an educational campaign early and determine their specific needs and influence. Anyone impacted by the transition to NG9-1-1 and who has influence on the project must be supported with an educational campaign that can also create project champions. Planning for this should identify the various methods to disseminate campaign materials and the topics specific to each stakeholder group.

A task for OK911MA personnel is to develop and participate in an education roadshow explaining to local authorities what NG9-1-1 is and why it is necessary, as well as what the legislative mandates are concerning the statewide master plan and interoperability between PSAPs. Providing regular communications regarding the NG9-1-1 transition is an important element of the communications plan and may necessitate adding a communications resource to the 9-1-1 Office. This resource will be responsible

for creating the roadshow, executing it, and further developing the OK911MA website to include interactive components and for continued outreach.

Strategy to garner advocates for the transition to NG9-1-1 from public safety partners and providers

Key stakeholders prioritized the need to develop a strategy to identify, recruit, and engage advocates. Advocates are needed within all stakeholder groups to help ensure a smooth and timely transition to NG9-1-1. Each group of advocates will need its own talking points for approaching target audiences. Having a dependable group of advocates may make the difference between a timely statewide deployment of NG9-1-1 versus a piecemeal transition spanning years.

Develop contingency plans to educate statewide stakeholders with the goal of 100% adoption of NG9-1-1 across Oklahoma

The contingency plan is a component of stakeholder identification and assessment as each stakeholder and group are identified and evaluated for how the project will impact them and what information or persuasion they might need to actively support or at least accept the transition to NG9-1-1. It is important to recognize that some stakeholders will have more to lose than gain with the transition and that it might be necessary to acknowledge that and look for areas of compromise or agreement.

3 Technology



The ESInet, NGCS, and CHE are the three vital technology components for any NG9-1-1 system. The strategy that follows will examine how OK911MA can deliver an ESInet and NGCS successfully to all Oklahoma PSAPs and ensure a consistent statewide emergency service experience for all Oklahomans.

Initiatives

3.1 Procure NGCS and ESInet

ESInet acquisition and deployment strategy

OK911MA and its Technology committee may choose to develop a request for proposals (RFP) with stakeholder input that allows the ESInet portion to be evaluated in combination with the NGCS selection or as a standalone offering. The key technical requirements of the ESInet are that it should bring redundant parity using public and private connectivity into currently underserved rural PSAP locations in Oklahoma. The deployment strategy should ensure redundancy exists within the entirety of the physical transport system and not just at deployment edges. In areas where redundancy is not feasible—either by cost or physical limitations of available transport—the best counterweight to ensure full uptime of 9-1-1 for the citizenry of Oklahoma is a well planned and executed policy routing schema.

OK911MA must leverage existing public and private connectivity and continue to include all state broadband providers as potential partners, as it has done previously by inviting OneNet to be a key participant in the due diligence process. While Oklahoma has a long history of local control, the State must also realize the higher cost and ongoing interoperability issues if there are multiple independent ESInet deployments. OK911MA and the local agencies should realize cost savings of scalability by operating one ESInet system.

Enhanced 9-1-1 (E9-1-1) allows locally hosted CHE to provide the highest network reliability at a shared cost. An NG9-1-1 system with a large robust ESInet and carefully planned NGCS policy routing for backup and default profiles provides the greatest resilience regardless of CHE design.

OK911MA will need to work with the awarded ESInet provider to establish a plan that deploys redundant ESInet service capabilities to regions and PSAPs as they prepare to upgrade, realizing that the legacy connectivity will need to be maintained until after the conversion. There is a multitude of private and publicly-owned next generation connectivity available across the state of Oklahoma. OK911MA and its stakeholders will need to work with any awarded ESInet provider to ensure they have access to all connectivity.

Priority



Procure a robust, redundant, i3-compliant ESInet and NGCS that provide reliable emergency services to all Oklahoma PSAPs.

NGCS planning

OK911MA, its stakeholders, and local PSAP authorities need a coordinated approach so NGCS provides the best system for the best price while solidifying successful long-term results. The easiest way to ensure Oklahoma has a technology fit and the most flexibility when choosing an NGCS provider is to have the entire state not currently served by an ESInet/NGCS provider agree to a shared and cost-effective deployment. OK911MA should promote the value this approach will provide to all stakeholders throughout the state. NGCS policy routing adds a flexibility to 9-1-1 operations that has not existed before and is best utilized by PSAPs serviced by the same NGCS Emergency Services Routing Proxy (ESRP)/Policy Routing Function (PRF). Having multiple ESInet/NGCS providers in Oklahoma will lead to increased cost, complex interconnections, less routing flexibility, and duplicated resources. If most stakeholders agree to the one ESInet approach, the next step for OK911MA and its stakeholders is to decide what the future of their NG9-1-1 network looks like.

Through discussions with the State and local stakeholders the agreed plan for local CHE equipment will be hybrid system that includes hosted CHE and individually owned CHE with regional or local servers. The State NGCS will need to support multiple CHE options. The NGCS provider will include a testing lab for the certification of current and future call handling solutions. It is understood by both the State and local stakeholders that there may be current CHE that may not pass the certification process to be connected to the State NGCS. If this occurs the State will provide a contract vehicle that local agencies can use to procure CHE that has been certified on the State NGCS.

OK911MA and its stakeholders should consider the ramifications of one-time costs versus recurring expenses. While a cloud deployment necessitates monthly recurring operational costs, network build-outs require some upfront capital costs. The cost of housing shared hardware in a state data center versus standalone hardware at the PSAP is also a consideration. OK911MA may want to consider whether a cloud-based or locally hosted NGCS system is preferred so vendors will provide the solutions that best align with OK911MA's plans.

Once a direction is established, OK911MA and its stakeholders will need to develop requirements aimed directly at procuring their NGCS partner. The RFP will look different if aiming for a public cloud NGCS provider where nothing is local versus an RFP aimed at an NGCS provider using third-party software on commercial off-the-shelf (COTS) servers. OK911MA does not need to be certain which route it plans to pursue, but having direction allows NGCS providers to tailor their response to what OK911MA needs and what will provide the best overall solution.

While looking for this NGCS core philosophy match, OK911MA and its stakeholders will need to ensure that all potential NGCS providers can successfully continue to provide legacy-based services in the near term to provide seamless working emergency services to PSAPs that may not be prepared to upgrade.

CHE compatibility and deployment models

The CHE in use today in Oklahoma varies in current and future capabilities. There are currently 126 PSAPs across the state, 20 of which are currently being served by the Association of Central Oklahoma Governments (ACOG) NGCS deployment. All 126 PSAPs are included in the numbers below as OK911MA

Deleted: There are a variety of technologies deployed by NGCS providers today that are NENA i3-compliant. Any one deployment strategy is not better than the other, but the deployment plan needs to align with OK911MA's and a local PSAP's future plans, what it can effectively procure, and what can be sustained and maintained. For example, if OK911MA chooses an NGCS provider that is cloud-based, requiring limited state hardware, it would make sense to consider incorporating a call handling as a service (CHaaS) option for local PSAPs. If OK911MA and its stakeholders seek a more conservative NGCS approach, where the NGCS equipment is locally hosted in the state, then exploring locally hosted CHE in the state data centers may align more closely. While these seem like very different network deployments, the key takeaway for the local PSAP is that either deployment strategy is transparent to them. ¶

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has jurisdiction. Based on the annual report form submitted to OK911MA for 2020, 62 CHE systems in Oklahoma PSAPs today are NG9-1-1-capable with a software or hardware refresh. There are 60 PSAPs that require hardware replacement to be NG9-1-1-capable and four PSAPs have no CHE. [Based on the annual report form submitted to OK911MA for 2023, there are six \(6\) call handling vendors in the State with a total of 406 total seats.](#) As such, OK911MA will need to plan for legacy gateways in the NGCS procurement.

Oklahoma PSAPs today contain a mix of host-remote and standalone host deployments. There are new options with NG9-1-1 deployment that provide better technological and cost-effective results. In E9-1-1, locally hosted CHE provides a means of continued operations for every scenario except last-mile outages of centralized automatic message accounting (CAMA) trunks. NG9-1-1, with a centrally operated NGCS, will work the same way but instead of complete outages when E9-1-1 CAMA trunks are down the NGCS provides policy routing capabilities that would allow all calls to be answered by anyone, anywhere that is on the same ESInet using the same NGCS. This is an advantage of a unified NG9-1-1 platform.

Local PSAP administrators have control over this policy and the ability to leverage it for rerouting when busy or short-staffed to provide an overall better service to their populations. Current NG9-1-1 deployments are seeing fewer PSAP-hosted CHE solutions and more host-remote and CHaaS CHE solutions. The 62 PSAPs that have NG9-1-1-capable CHE require OK911MA to develop interconnect specifications to ensure interoperability with the chosen NGCS provider if they stay with this configuration. Planning will need to be conducted for interoperability testing between all the unique CHE currently deployed and the chosen NGCS provider whenever new software for either side is implemented. These deployments will need to be tested individually each time a PSAP's CHE or specific NGCS functional elements are upgraded.

The standalone equipment model is not sustainable, and OK911MA should offer incentives for these PSAPs to acquire seats off of a hosted CHE to reduce this overall burden. The 64 PSAPs requiring a CHE hardware or software upgrade should be provided options for purchasing positions off a State contract for hosted CHE (local or CHaaS). This will be the most cost-effective model for the PSAPs and requires the least interoperability testing and maintenance for both the State and the PSAPs.

~~As previously stated, OK911MA will require in an RFP that the NGCS provider have a lab for testing CHE compatibility to ensure its software is certified and releases work seamlessly. The State and all stakeholders agree that in order to keep cost, technology, and speed of planned innovation in mind, there must be a certification process in place to ensure all CHE equipment adequately works with the States NGCS. The CHE certification process and procedure can be found in the interconnectivity policy. Just because the NG9-1-1 CHE and NGCS are i3-capable does not ensure that they will move to new software and technological enhancements at the same pace. This mismatch of technology causes many interoperability issues that are seen in the industry today.~~

3.2 Statewide NG9-1-1 PSAP Cutover Plan

OK911MA will need to successfully and efficiently transition the State's legacy PSAPs to NG9-1-1 by determining an optimal order for implementation. Time and money will be factors in planning the deployments as will local volunteers for the transition effort. There are other factors to consider that will necessitate a detailed and well-planned effort by State leadership, local leadership, and NG9-1-1 providers to define the elements of success and agree on a schedule for transition.

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- Deleted: would
- Deleted: must have the
- Deleted: same logistical plan developed,
- Deleted: ing
- Deleted: CHE that fails to be certified in an agreed upon timeline shall be replaced with a State certified CHE provider as outlined by the Interconnectivity Policy.
- Deleted:
- Deleted: Regardless of the NGCS core and CHE plan chosen, it must be a partnership between OK911MA and its stakeholders, and all must agree to be successful.

A deployment plan should identify and rank the factors for cutover and provide strengths, weaknesses, costs, and other considerations for the various cutover strategies. Cutover order might be driven by selective router locations, regional 9-1-1 service groups, or those PSAPs most technology-ready, best funded, closest access to network connections, or even greatest need. These factors can be prioritized, weighted, and scored to arrive at the “best” cutover plan.

The planning process should have contingencies and incentives in the event of changing factors—funding, equipment and services, and local 9-1-1 authority decisions. Having a response and a fallback position completes the cutover strategy. Fallback responses could include alternative short-term funding sources; backup options for NG9-1-1 equipment and services; incentives for PSAPs to adopt NG9-1-1, such as the ability to designate alternate call routing for overflow calls, PSAP abandonment, and special events; or CHE subsidies.

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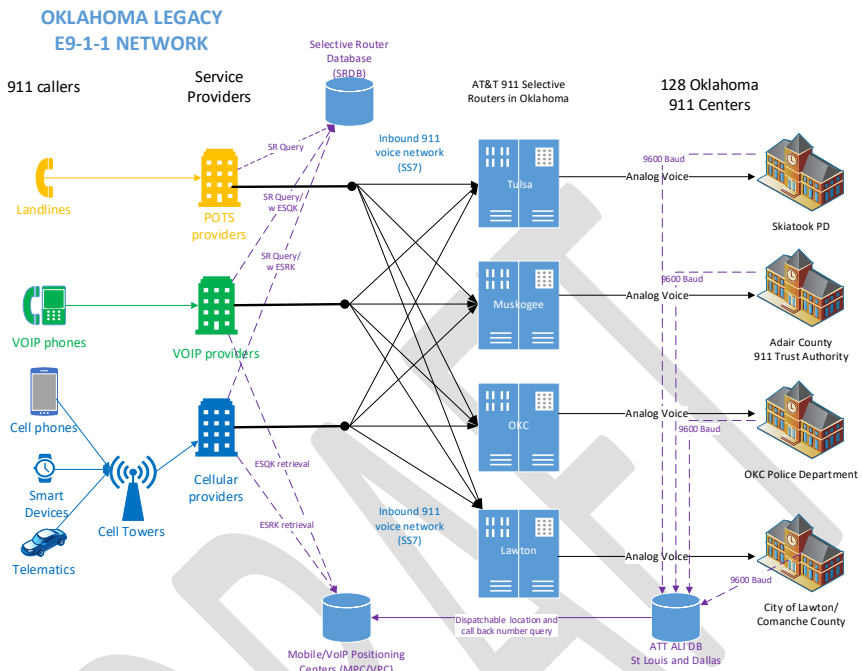


Figure 1: Legacy Network

* 9600 Baud is the speed of the legacy connectivity for providing caller location information.

Commented [be2]: Should show 126 911 Centers in Figure 1.

Commented [JB3R2]: Updated in final version

**OKLAHOMA FUTURE
NG9-1-1 NETWORK**

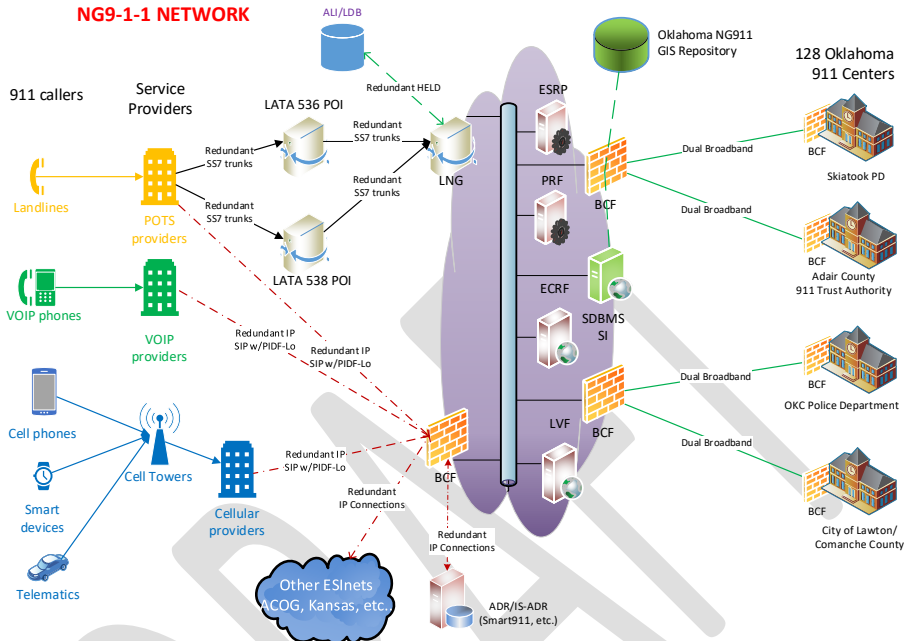


Figure 2: NG9-1-1 Network

Definitions of the acronyms used in the two figures above are provided below.

Abbreviation	Definition
ADR/IS-ADR	Additional Data Repository/Identity Searchable – Additional Data Repository
ALI	Automatic Location Identification
BCF	Border Control Function
E9-1-1	Enhanced 911
ECRF	Emergency Call Routing Function
ESInet	Emergency Services Internet Protocol (IP) Network
ESQK	Emergency Services Query Key
ESRK	Emergency Services Routing Key
ESRP	Emergency Services Routing Proxy
GIS	Geographic Information System
LDB	Location Database
LNG	Legacy Network Gateway
LVF	Location Validation Function
NG9-1-1	Next Generation 911
PIDF-LO	Presence Information Data Format – Location Object
POI	Point of Interconnect
POTS	Plain Old Telephone Service
PRF	Policy Routing Function
SDBMS SI	Spatial Database Management System Spatial Interface
SIP	Session Initiation Protocol
SR Query	Selective Router Query
SS7	Signaling System 7
VoIP	Voice over Internet Protocol

4 Geographic Information Systems



OK911MA has made great strides in preparing Oklahoma jurisdictions to provide the required GIS necessary for a successful NG9-1-1 transition. However, the further implementation of a large-scale, enterprise-wide capability such as geospatial data collection, aggregation, validation, and dissemination will require a tremendous effort through a phased approach, significant stakeholder coordination and collaboration, and adequate and sustained funding streams. To continue building on the successes realized to date, OK911MA will focus on several critical actions within its GIS initiative.

Priority



Provide a collaborative environment for GIS providers and addressing authorities to support the further development and maintenance of GIS data to advance the NG9-1-1 migration at every level of government.

Initiative

4.1 Continue Work on NG9-1-1 GIS Plan for the State

Roll out GIS training for local leadership

Actions will include:

- Adding modules to two levels of training for the State's toolkit
- Creating a training module and materials for 9-1-1 leadership to understand the need for NG9-1-1 GIS-ready data

OK911MA's education campaign will provide details on the need for NG9-1-1-ready data for call routing and location services. This also should include highlighting the benefits of GIS data sharing, open GIS data, and the benefits to NG9-1-1 and emergency response to collaborative GIS data management.

The NG9-1-1 transition plan must include strategies for assisting local authorities with creating and maintaining NG9-1-1 GIS data.

If jurisdictions do not actively develop, maintain, and share the requisite local GIS data, OK911MA should be prepared—and authorized—to hold agencies accountable.

Annual review of Oklahoma GIS standards for alignment to NENA standards and National 911 Program best practices

Actions will include:

- Maintaining alignment between Oklahoma GIS data standards and national standards
- Responding to NENA updates of GIS standards

Oklahoma has built a robust set of standards based on national standards and best practices. Many of these are beyond the general specifications for GIS data practiced by GIS professionals today. The importance of adhering to the statewide NG9-1-1 GIS standards should be highlighted during the educational campaign and reinforced frequently through state and regional GIS workgroups.

Annual progress report for GIS plan for NG9-1-1

Actions will include:

- Updating this strategic plan annually
- Defining performance metrics for reporting
- Review State Office of Geographic Information expectations and processes
- Reporting on successes in defining coordination between jurisdictions, uploading data by PSAP boundary, and annual review results
- Reporting on missed metrics and providing plans to resolve the shortcoming

OK911MA has laid a solid foundation for the migration to NG9-1-1 across the state. To continue to show value and solid return on investment, it is incumbent upon OK911MA to measure each success as it is achieved in accordance with this plan. OK911MA should use the annual updates to this plan to advertise successful completion of strategic goals as well as maintaining a multi-year rolling set of goals. To preserve transparency to the stakeholders, OK911MA should report on missed metrics and update the plan accordingly.

Improve the State's GIS readiness on data maintenance and jurisdictional boundaries

Actions will include:

- Continuing to build a workable statewide GIS dataset
- Establishing an update frequency goal for GIS data maintenance
- Aligning jurisdictional boundary data

The core of the NG9-1-1 migration is seamless GIS data across the state and matched to jurisdictions' GIS data in neighboring states. OK911MA can promote achieving this lofty goal by encouraging mandating the upload of jurisdictions' GIS data to the State repository, supporting entities that need assistance in preparing their GIS data, and providing additional outreach and education to those that have GIS data but are reluctant to share it. support through grant funding and state contracted vendors to complete this critical work. All GIS data must be validated against the Master Street Address Guide to a 98% or better accuracy. All Telephone Numbers (TN) in the local database must be 100% validated before joining the State NGCS.

- ▼ As of the first quarter of 2024, 56 jurisdictions have loaded their GIS data into the State data repository. State grant funding for GIS must remain a priority for the coming years until GIS data for every jurisdiction is created, improved to meet state and national standards, and loaded into the repository.
- ▼ State grant funding for GIS must remain a priority for the coming years until GIS data for every jurisdiction is created, improved to meet state and national standards, and loaded into the repository.

Deleted: The core of the NG9-1-1 migration is seamless GIS data across the state and matched to jurisdictions' GIS data in neighboring states. OK911MA can promote achieving this lofty goal by encouraging the upload of jurisdictions' GIS data to the State repository, supporting entities that need assistance in preparing their GIS data, and providing additional outreach and education to those that have GIS data but are reluctant to share it. ¶

Deleted: As of the first quarter of 2022, nine jurisdictions have loaded their GIS data into the State data repository

5 Funding



Proper funding is imperative for ensuring the best standards of service are being met in the transition to NG9-1-1. Without a comprehensive funding model for the transition to NG9-1-1 technology, there will inevitably be disparity in the level of 9-1-1 service delivered statewide. The current 9-1-1 fees collected by the State may not be sufficient to support the NG9-1-1 transition or to sustain the operations and technology upgrades that will be required; as such, additional funding sources should be examined. HB 3126 increased fees but did not specify how those fees would be locally allocated—thus, with one exception, PSAPs spent the revenue on local operating costs and did not save for NG9-1-1 technology.

Priority



Create a sustainable funding model to ensure statewide parity of 9-1-1 service.

Initiative

5.1 Develop a Sustainable Funding Strategy

OK911MA should perform a detailed funding study to include a baseline of the most current PSAP revenue and expenses reported to OK911MA by each PSAP for legacy 911 operations; projected costs for NG9-1-1 transition; and estimates of future costs for NG9-1-1 services per PSAP.

This study would use data already collected in the annual Oklahoma PSAP reporting forms to establish a high and low end of cost estimates for each PSAP's transition. The study would establish how PSAPs are currently using 9-1-1 funds and what standards of service are being offered. A PSAP-by-PSAP comparison would inform OK911MA of those PSAPs that need support to meet 9-1-1 service delivery standards. The study would also identify which PSAPs have funding challenges and why, such as geographical distance from available networks, low population, or aging equipment.

Using the current per capita cost for E9-1-1 services for each PSAP would pinpoint those PSAPs with higher-than-average costs per population and suggest solutions for lowering those costs (e.g., improved use of technology, cessation of 9-1-1 fee diversion, additional funding sources, sharing resources with neighboring PSAPs, or combining PSAPs).

In keeping with the legislative direction of SB 687, OK911MA must establish rules for interoperability between NG9-1-1 systems. This legislation also requires local NG9-1-1 plans to align with the statewide plan—thus the funding study must identify those elements of NG9-1-1 that align with OK911MA's strategic plan including standards for operations and training, i3-compliant equipment and core services, and public-safety-grade availability. This will involve a comparison of the current funding to future needs to determine if an increase to the 9-1-1 telephone surcharge is necessary and to evaluate additional funding, some of which exist in a few Oklahoma PSAPs today as public safety sales taxes and tariffs on legacy phone systems.

Consideration should be given to using tariffs to fund NG9-1-1 elements such as the IP selective router, ESI-net connections, or other components as Colorado, Illinois, and California have done. Universal Service Funds (USFs) are another option based on the Federal Communications Commission's (FCC) Telecommunications Act of 1996. USFs are currently employed in Vermont to support the state's unified (statewide) 9-1-1 operations model. USFs are for states that have centralized oversight of their 9-1-1 system; local control over funding could be an issue).⁶

Create a sustainable funding model for the transition to and sustainability of NG9-1-1

OK911MA should use the funding study to create a plan to pay for the NG9-1-1 transition and a model for sustainable funding of NG9-1-1 services. This could include plans for legislative updates to dictate the allowable uses of 9-1-1 funds and to protect against 9-1-1 fee diversion. This would ensure that the State remains eligible for future federal grant funds. Legislative changes should allow for OK911MA oversight and audit capability over all fees charged to any media used to request 9-1-1, including wireline, telematics, and alarm systems. The funding model should examine the redirection of 9-1-1 funding to prioritize investments in new technologies and also propose which elements of NG9-1-1 the State could fund and which elements will be individually funded by the PSAPs or collectively funded by regional governments. For example, the State might fund the NG9-1-1 network host sites, and the individual PSAPs would fund their i3-compliant CHE systems. Funding priorities must be established and adjusted as needed as Oklahoma follows the NG9-1-1 roadmap.

Other consideration should be given to those items that can be a one-time purchase using capital funds or grant money, such as network build-out or data center upgrades and those items that will be a recurring expense, such as a monthly cloud-based ESI-net fee, which will require a sustainable funding source. Some local agencies will be burdened without monetary support from the State.

⁶ Information mentioned can be found on pages 47–54 of that report.

6 Operations & Training



NG9-1-1 is often discussed as a technology issue, and it is, but it is equally challenging to operationalize the technology. OK911MA's support of the operational challenges during the migration to NG9-1-1 is essential to a successful transition. OK911MA should be prepared to provide guidance to PSAPs through training, procedural development support, and financial incentives as they adopt NG9-1-1 protocols.

Priority



Mitigating operational challenges is essential to the successful transition to NG9-1-1.

Initiatives

6.1 Develop a Strategy for Additional OK911MA Personnel

The statewide transition to NG9-1-1 will require OK911MA to provide significant support and guidance to local PSAPs and local leadership. OK911MA may find it necessary to hire additional personnel for that effort. OK911MA's mission to "provide focused leadership to empower local 9-1-1 authorities by educating, training, advocating, and guiding a statewide transition to emerging 9-1-1 emergency services" will not happen optimally or quickly without resources for OK911MA to oversee the effort.

OK911MA should identify workforce gaps for the transition and determine which resources could fill those gaps. The next steps would be to prioritize, request funding for, and hire or contract the specific resources needed for the transition to and sustainability of statewide NG9-1-1 services. MCP's *Next Generation 9-1-1 Feasibility Study Report*, dated August 2020, recommended adding four positions at a minimum:

- 9-1-1 field coordinator
- Training/Public education coordinator
- GIS coordinator
- Contracts manager

Please refer to that report for a detailed description of the positions' responsibilities and an informational chart on other states' state-level staffing.⁷

6.2 Leadership Development

One of the most important responsibilities of OK911MA is ensuring that local PSAP authorities are developing leaders within their organizations. 9-1-1 coordinators, 9-1-1 directors, and 9-1-1 managers will need to understand the changes required for NG9-1-1 and be prepared to handle tasks that were once outside the responsibility of a legacy PSAP. These tasks include understanding core services, call routing, GIS, and data intake, including the requirements for evidence preservation of data elements such as text, video, and images.

⁷ Information mentioned can be found on pages 100–106 of that report.

OK911MA should also ensure that PSAP authorities are trained in state policies, procedures, requirements, and funding for NG9-1-1. This could include grant writing, an overview of NG9-1-1 concepts, and 9-1-1 addressing for an NG9-1-1 environment.

OK911MA should create a leadership development plan for local PSAP authorities with the intention of training for all aspects of managing an NG9-1-1 PSAP; promoting leadership at all levels for local, regional, state and national participation; and educating on career paths for local PSAP leaders. OK911MA may choose to use local training programs, enlist the help of the Operations committee to develop leadership training, use training options available from NENA and APCO, and follow training standards and recommendations from the National 911 Program and CALEA.

DRAFT

Conclusion

This *Oklahoma 9-1-1 Management Authority Strategic Plan* was designed to guide OK911MA toward its desired future for NG9-1-1. The strategic initiatives laid out as focal points for Oklahoma will serve as a roadmap to help OK911MA progress in the areas of governance, planning, and policy; communications; technology; GIS; funding; and operations and training. As OK911MA moves forward with implementing NG9-1-1, some priorities may shift based on milestone completion, technology advancements in the industry, or roadblocks encountered. Regular review of work completed against the initiatives will help establish a pattern of forward progress.

OK911MA is committed to helping deliver NG9-1-1 service to the state and is poised to continue working with stakeholders to implement the initiatives and priorities in this plan.

DRAFT

Appendix A – NG9-1-1 Feasibility Study Master Recommendations

Master Recommendations	
GIS	
1.	[GIS leaders] Actively participate in the GI Council as a forum for coordinating GIS efforts across the state to achieve a greater return on investment.
2.	[OK911MA and the Office of Geographic Information] Provide a toolset for validating road centerline and address point geospatial data against the legacy ALI and MSAG data tables. It also should maintain a training program for using this toolset
3.	[GI Council] Maintain a consistent coordination forum to benefit the regions and individual jurisdictions in establishing processes that facilitate more frequent sharing of geospatial data and incident response best practices.
4.	[OK911MA and the Office of Geographic Information] Establish program metrics and milestones to demonstrate and measure progress in the establishment and sustainability of the NG9-1-1 geospatial data program from a statewide view. The tracking of these metrics also should be duplicated at the local level and status provided to the State for risk tracking purposes.
5.	[GI Council] Continue to maintain a common geospatial data process across the state that will meet or exceed current NENA standards, to normalize data collection, maintenance, and distribution practices for public-safety-grade data
6.	[GIS programs in Oklahoma] Work in a collaborative environment, both across jurisdictional boundaries and vertically through all levels of government, to ensure data integrity across the state.
7.	[GI Council] Assess annually the infrastructure supporting the GIS data repository to confirm alignment with the State's goals for GIS data collection, aggregation, validation, and distribution to support public safety
8.	[GIS professionals in Oklahoma] Work with the GI Council to identify standards-based processes and procedures for GIS data, including extraction and dissemination to PSAP systems. <ol style="list-style-type: none"> Define and implement NENA-based GIS data standards. Design data workflows, from data steward to ESInet, including interdependencies and required schedules and deadlines. Develop SOPs for data creation and maintenance.
9.	[OK911MA and the Office of Geographic Information] Coordinate the development and maintenance of the GI Council's repository platform, which will include coordinating with other agencies and providing guidance on the design, review, and dissemination of maps and data files. Full system redundancy and elaborate security must be designed into the platform as core components.
10.	[Office of Geographic Information] Continue supporting public safety GIS programs at the local level through training and large-scale data collection programs.
11.	[OK911MA and the Office of Geographic Information] Continue to promote the adoption of <i>The State of Oklahoma Geographic Information NG911 and Addressing Standard</i> for all public safety GIS datasets.
12.	[OK911MA and the Office of Geographic Information] Provide education, training, and collaboration opportunities for all data stewards to ensure program success.

Master Recommendations

13. [OK911MA and the Office of Geographic Information] Provide stakeholders the training, governance, and outreach support necessary to successfully prepare geospatial data for the state's migration to NG9-1-1.
14. [OK911MA and the Office of Geographic Information] Continue to support the GI Council to guide the NG9-1-1 implementation and to create and update the NG9-1-1 GIS strategic plan as needed.
15. [Office of Geographic Information] Identify a senior-level GIS professional to oversee and coordinate the state's implementation of recommendations from this report and the NG9-1-1 GIS strategic plan.
16. [GI Council] Develop training requirements through coordination with both internal and external stakeholders, to disseminate information, gather user requirements, and raise capability awareness to maintain a sustainable program.
 - a. Provide training on the advancements within the software and relational database management systems (RDBMS) used to create, maintain, store, and distribute GIS data.
 - b. Provide updates on new requirements, standards, software, and training opportunities for GIS as they are discovered.
17. Standardize GIS data across the state and coordinate with neighboring PSAPs in other states to realize a seamless, statewide 9-1-1 system.
18. [OK911MA and the Office of Geographic Information] Identify the GIS data stewards at every jurisdiction within Oklahoma, and states neighboring an Oklahoma PSAP, and maintain a contact list for use by local GIS professionals.
19. [GI Council] Establish a statewide datum that can be leveraged for regional data development.
20. [GI Council] Define a geospatial data sharing methodology to reduce data update lag.
21. [OK911MA and the Office of Geographic Information] Provide a toolset for cross-jurisdictional GIS data validation.
22. [OK911MA and the Office of Geographic Information] Create and maintain a centralized catalog of aggregated and validated statewide NG9-1-1-specific geospatial data.
23. Ensure PSAPs in Oklahoma are equal in GIS data availability, quality, and maintenance capabilities.
24. [OK911MA and the Office of Geographic Information] Promote the use of the TFOPA scorecard at the local level as a progress tracking tool.
25. [OK911MA and the Office of Geographic Information] Sponsor in-depth assessments within each jurisdiction to ensure NG9-1-1 readiness.
26. [GI Council] Inventory existing GIS datasets within all jurisdictions across the state.
27. Jurisdictions missing data, such as address points, or that are still using RR addressing should be funded first for database development projects.
28. Jurisdictions with limited or no GIS data should be provided the assistance needed to develop their public safety datasets.
29. [OK911MA and the Office of Geographic Information] Assist the GI Council in developing templates for interlocal agreements and SLAs.
30. [OK911MA] Maintain a continuous funding stream for State-sponsored systems.
31. [OK911MA and the Office of Geographic Information] Promote the development and maintenance of GIS data to standards best suited for the specific environment in the state in the interest of interoperability.

Master Recommendations

32. [OK911MA and the Office of Geographic Information] Cooperate on the development and delivery of an education and outreach program to increase awareness of regional and local jurisdictions for what is going to be expected for the transition to NG9-1-1.
33. Promote adherence to the statewide data schema.
34. Enforce the importance of coordinating data maintenance along jurisdictional boundaries.
35. [OK911MA and the Office of Geographic Information] Promote and support the development of standards.

Governance: Legislative Guidance – Governance and State-level Authority

1. Ensure procurement authority for ESInet and NGCS, and authority over more than just grant administration, such as the ability to procure the network and core services if OK911MA desires to build a statewide NG9-1-1 solution, as well as oversee the design requirements to ensure interoperability of multiple NG9-1-1 systems if regional NG9-1-1 systems are entertained.
2. Ensure that OK911MA has the authority to develop performance criteria critical to the function and performance of networks and systems following industry-accepted best practices and standards; include the criteria (e.g., interoperability, cybersecurity, network uptime, call-answer time, training) in legislation after soliciting input from stakeholders.
3. Ensure that OK911MA has the authority to require connectivity and interoperability between various NG9-1-1 solutions if a statewide solution is not pursued and regional jurisdictions can purchase their own NG9-1-1 solution.
4. Verify that OK911MA can develop a master plan for NG9-1-1 and require local jurisdictional master plans to align with the State's master plan. This should be required in statute. An NG9-1-1 master plan, with stakeholder involvement in the planning process, should be written into statute-defined requirements. In addition, local/regional jurisdictions should be required to implement NG9-1-1 service in accordance with the statewide master plan identified in the statute.
5. Define in statute shared responsibilities between OK911MA, regional, and local jurisdictions pertaining to legacy 9-1-1, NG9-1-1, and the transitory period until end state NG9-1-1 implementation.

Governance: Funding Authority Clarification

1. Ensure that OK911MA can establish eligible uses for all collected 9-1-1 funds (wireline, wireless, VoIP, and pre-paid wireless).
2. Ensure that OK911MA has oversight and audit authority over wireline fund use within approved eligible uses. How the funds are used is essential to both fiduciary responsibility and to ensure that sufficient funds exist to carry out OK911MA's mission. OK911MA needs to ensure that enough money is available to implement NG9-1-1 service in Oklahoma. In addition, the FCC tracks states' use of 9-1-1 funds and requests accurate reporting on an annual basis. Certification regarding the appropriate use of funds is required to be eligible for federal grants.
3. Clarify OK911MA's use of wireless funds beyond the \$0.05 assigned to the 9-1-1 coordinator's office: can the remaining \$0.70 of the wireless fund be used by the State to pay for the NG9-1-1 network, or must all of it be returned to the jurisdictions in the form of grants?
4. Remove the following from the statute: "Audit expenses shall be reimbursable pursuant to procedures established by OK911MA if the audit is approved by the Authority." Local jurisdictions or the State should not hesitate to request an audit if they suspect an audit is necessary, nor should they have to pay for an audit regardless of whether it results in a correction.

Master Recommendations

5. Ensure sufficient authority to secure and manage federal grants that are dependent on validation and verification of the use of funds statewide and locally.

Governance: Governance and State Level Authority

1. Review OK911MA composition and representation:
 - a. Determine if carrier/vendor representation on the board as voting members is still appropriate and consider moving them to nonvoting/advisory status.
 - b. Consider whether some key stakeholders are missing from board representation (e.g., NGCS providers, cybersecurity SMEs, financial advisors, GIS) as voting or nonvoting members.
 - c. Consider adding first responder stakeholder groups (e.g., fire/rescue, EMS and law enforcement associations) to board representation.
2. Consider changing the even number of board members to an odd number; implement an appeals process.
3. Require an annual or biannual report to the legislature to demonstrate NG9-1-1 progress.
4. Develop a comprehensive statewide NG9-1-1 strategic plan with input from stakeholders that includes a vision, mission, and actionable goals with timelines.
5. If regional NG9-1-1 systems are permitted, local/regional jurisdictions should be required to implement NG9-1-1 service in accordance with the statewide master plan. Develop a process for OK911MA approval.
6. Amend rules to ensure interoperability with the state NG9-1-1 system if the state is going to permit regional jurisdictions to implement an NG9-1-1 system.

Governance: NG9-1-1 Implementation

1. Consider revisions to statute that allow OK911MA to establish technical and operational standards as part of their fiduciary responsibility and oversight, including, but not limited to, interoperability and cybersecurity standards.
2. Include the ability for operational and technical committees to recommend standards and best practices for technical requirements of NG9-1-1 systems, interoperability, data management, and security controls in rules.
3. Consider revisions to statute that add responsibility to OK911MA to coordinate its activities with local 9-1-1 and public safety entities and ensure the responsibility and authority to provide technical assistance for effective statewide 9-1-1 operations.
4. Develop template for MOUs and NDAs necessary to clarify roles and responsibilities between state and regional jurisdictions for financial, operational, and data sharing purposes.
5. Ensure that for every authority given in statute or rules, OK911MA has a written QA policy and procedure.
6. Include compliance timeframes in rules, master plan, and policies and procedures.

Governance: NG9-1-1 Operations

1. Provide OK911MA with the ability to collect data to achieve a comprehensive understanding of NG9-1-1 systems to evaluate general system performance.
2. Require sufficient audit information/data from OTC to validate proper fee collection from wireless service and VoIP providers. (Administrative Rule 145:15-5-2)
3. Enable the sharing of essential PSAP data while protecting data confidentiality and privacy issues.

Master Recommendations	
4.	Remove references in statute to specific state agencies and replace those references with functional descriptions.
5.	Change all terms in statute and rules to technology-neutral terms.
6.	Determine consistent minimum 9-1-1 record retention schedules and identify in rules and statutes.
7.	Add appropriate liability protections for technology providers and ensure references are technology- and vendor-agnostic.
8.	Require local jurisdictions to certify that they understand and comply with all federal laws such as ADA and HIPAA.
9.	To ensure consistent messaging, OK911MA should consider the need for additional responsibility for a comprehensive statewide public education program.
10.	Consider updating references to PSAP personnel to reflect the complex and larger role the PST plays in the emergency communications ecosystem.
Governance: Funding	
1.	Define eligible uses of 9-1-1 funds including NG9-1-1 elements in alignment with an NG911 strategic plan as assigned to the Technical Committee.
2.	Define funding priorities based on NG9-1-1 strategic plan. Review and, if necessary, adjust on an annual basis.
3.	Strengthen statute language to protect against fund diversion (including interest from the fund) or funds being transferred to the general fund without a supermajority vote to secure the ability to receive future federal grant funds.
Governance: Grantmaking	
1.	Add enabling legislation that allows OK911MA to pursue, accept, and manage federal and private grant funds and gifts.
2.	Clarify in policy how grant funds can be used.
Governance: Budget Oversight	
1.	Allow OK911MA oversight and audit capability over wireline fund use.
2.	Add oversight of both wireline and wireless funds at the local level through their annual submission and approval of their annual 9-1-1 plan/forms.
3.	Update statute language and 9-1-1 forms/plans to replace "emergency telephone systems" with applicable NG9-1-1 terms for the network, core services, and CHE.
4.	Ensure statute includes the ability to request an audit of wireline service providers as needed to ensure accurate submission of 9-1-1 revenues.
5.	Remove references to the carrier reimbursement for audit expense; audits requested of wireline and wireless carriers should be at the expense of the carrier.
6.	Remove reference in the statute that allows for cost recovery to wireless carriers and "successor technology."

Master Recommendations	
7.	Make applicable changes to allow for purchase or use of services from other state agencies to support NG9-1-1 implementation.
8.	Add requirement in legislation for a report to the legislature prior to the start of the budget approval process (annually or biannually).
Governance: Annual Review of Policy and Procedures	
1.	[OK911MA] Formalize a process for policy review by engaging in an annual policy roundtable with staff and key stakeholders to review current policies, discuss any recommended changes, and identify any new policies for development.
Governance: State Program Comparison – Audit	
2.	[OK911MA] Consider conducting a baseline audit to ensure that the amount of 9-1-1/E9-1-1 fees collected from subscribers matches the service provider's number of subscribers. The cost of conducting the audit will have to be weighed against the potential for increased fee collections. OK911MA may want to identify that the cost of conducting the audit is at a carrier's expense.
3.	[OK911MA] Consider an audit of how local 9-1-1 jurisdictions are using 9-1-1 funds distributed to their agency to establish a clear understanding and to ensure compliance with federal requirements regarding fund diversion concerns.
Governance: State Program Comparison – Standards	
1.	[OK911MA] Determine NG9-1-1 standards to ensure an interoperable statewide level of service. <ul style="list-style-type: none"> a. If a statewide solution is selected, technical standards for local jurisdictions related to data and GIS sharing with border PSAPs, both within the state and with neighboring states, will be necessary; training guidelines, call routing standards, network management, overflow and system COOP standards, and many more issues will be required. b. If a hybrid approach is adopted, all of the above and many more standards will be required (e.g., technical interoperability and security standards to link jurisdictional controlled systems to the state network, data reporting requirements, cost reporting, policy and procedure coordination, and others).
Governance: State Program Comparison – Fee Collection	
1.	Consider equalizing the rate of collection on wireline devices to match those of other service types. Neutrality of fee collection is a best practice that many states have adopted.
Governance: State Program Comparison – Use of Funds	
2.	[OK911MA] Guide local 9-1-1 jurisdictions in the use of funds already collected and distributed to ensure parity of 9-1-1 service across the state.
Governance: State Program Comparison – State Planning Guidance	
1.	[OK911MA] Take a strong role in guiding the design of the NG9-1-1 system and migration toward higher levels on the maturity matrix.
2.	Consider enhancing the role of OK911MA and the statewide 9-1-1 program in GIS oversight.
3.	[OK911MA] Update data collection tool to ensure collection of the information requested by the FCC and the National 911 Program.
Governance: State Program Comparison – Major Considerations	

Master Recommendations
1. Provide strong guidance and direction to enhance system effectiveness and fiscal responsibility.
2. Audit fund use under current rules.
3. Revise fund use opportunities for NG9-1-1.
4. Audit fund collection.
5. Direct migration strategies for NG9-1-1 implementation.
6. Work with the Office of Geographic Information to enhance GIS for 9-1-1 in the state.
7. Update data collection for national requirements.
8. Establish interoperability standards and technical requirements.
Governance: Interstate Communication – Transition
1. Nurture champions and early adopters as examples of leaders willing to move the transition forward for improved service delivery.
2. Stay informed of neighboring state transition activities for possible impact on the state system or border PSAP transition issues.
Governance: Interstate Communication – Coordination
1. Clearly define levels of authority and requirements with respect to network health and maintenance processes.
2. Consider a communication plan that is informative and educational and serves as a vehicle to guide local 9-1-1 authorities in their responsibilities and requirements.
3. [OK911MA] Initiate a strong guidance role as it relates to policy coordination.
4. Engage stakeholders in the coordination of policies to ensure call routing flexibility, service continuity, and training standards among PSAPs.
Governance: Interstate Communication – Governance
1. Ensure strong, clear statewide governance policy and direction, regardless of the solution selected.
2. [OK911MA] Ensure coordinated policies and procedures.
3. Clearly define roles and responsibilities.
Governance: Interstate Communication – Process
1. Develop a master agreement with general requirements and the ability for local 9-1-1 jurisdictions to include their own operational and jurisdictional technical requirements; this will make local acceptance and legal review easier.
2. Formalize agreements and codify understanding between state and local authorities and between local authorities.
3. Tie metrics and performance to desired outcomes, regardless of the solution option selected.
4. Develop a mechanism to keep informed of local NG9-1-1 migration progress, especially if local jurisdictions will be allowed to implement their own systems. Expect and request regular progress updates and continually communicate progress reports to stakeholders.

Master Recommendations
5. Mutually agree on testing requirements and performance measures.
Governance: Interstate Communication – Financial
1. Address cost-allocation openly and fairly; communicate financial demarcation and responsibility honestly.
2. Improve knowledge and buy-in with communication on fiscal status reporting to educate stakeholders and keep them informed.
3. Seed some small projects to get people working together and experiencing small “wins.”
4. Encourage information-sharing on costs, fiscal reporting methods, grant opportunities, and other financial considerations that assist local jurisdictions and OK911MA.
5. Inform on any changes, expansion, or contraction of 9-1-1 fund usage.
Governance: Interstate Communication Recommendations – Federal Partner Collaboration
1. Facilitate discussions between military installations and local 9-1-1 authorities related to NG9-1-1 migration.
2. Explore ways the military can integrate its systems to the local jurisdictional service and improve situational awareness for both the military and the local jurisdiction and enhance mutual aid.
3. Educate on the benefits of working together and the consequences of transitioning without collaboration and integration.
4. Encourage consistency with the State plan.
5. Provide leadership and assistance with formal agreements and interoperability models.
Governance: Interstate Communication Recommendations – Major Considerations
1. Enhance information sharing; develop a statewide communications plan to improve understanding and increase collaboration.
2. Facilitate statewide standards development.
3. Establish clear statewide governance policy and direction.
4. Tie metrics and performance to contracts to improve outcomes and increase understanding of responsibilities.
5. Develop model interoperability agreements and encourage formalized understanding among 9-1-1 jurisdictions.
6. Develop an equitable cost-allocation model.
7. Facilitate integration and enhancement of the collaboration with federal installations and local jurisdictions.
Training and Operations
1. [OK911MA] Update legislation to recognize 9-1-1 call-takers as public safety professionals and re-classify 9-1-1 call-takers to more accurately reflect the expanded types of information for which they will be responsible in an NG9-1-1 environment.
2. Continue to pursue enabling legislation to provide the authority to OK911MA to create 9-1-1 minimum training requirements that expand past the 9-1-1 call-taker role.

Master Recommendations

3. Establish statewide adoption of certification and recertification programs for 9-1-1 PSTs based upon national standards.
4. Expand 9-1-1 call-taker curriculum to include training on QA/QI.
5. Increase training programs and curriculum to include training for dispatchers, CTOs, QA/QI specialists, and supervisory personnel.
6. Hire a training coordinator to manage the statewide training program.
7. Procure software to automate the compliance and audit process.
8. Develop a centralized repository of training and educational resources to help individual PSAPs and regions meet minimum training standard requirements.
9. Create a revision cycle process to ensure training standards are relevant.

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Appendix B – Next Generation 9-1-1 Cost Analysis Information

Vendor estimates and OK911MA financial data are provided below.

Assumptions are as follows:

- The cost analysis is based on population totals served by Oklahoma PSAPs provided by OK911MA.
- The cost estimates shown are rough order of magnitude (ROM) pricing provided by vendors during due diligence sessions.
- Estimates do not include PSAPs within the ACOG service area as ACOG is securing its own NG9-1-1 system.
- OK911MA financial data is based on the 9-1-1 Fee Deposit Report and FY22 Continuous Budget Report presented at OK911MA's March 3, 2022, board meeting.

Vendor Estimates from Due Diligence Sessions	Per Person / Per Month
Lowest Estimate	\$0.09
Highest Estimate	\$0.20
Total Population served by OK911MA supported PSAPs	3,353,944
NGCS and ESInet Total Cost Estimate per Year	
Lowest Estimate	\$3,622,259.52
Highest Estimate	\$8,049,465.60

PSAP Revenue	
2021 Annual 9-1-1 Fee Deposits	\$34,244,887.28
OK911MA Revenue & Expenditures	
2022 Wireless fees + 2021 Carryover + Federal Grant Funding	\$12,355,943.51
Budgeted Expenses and Capital Outlay	<\$1,199,879.58>
2021 OK911MA Grant Program Awarded	<\$3,969,026.00>
NET – Revenue Less Expenditures, Capital Outlay, Grant Program	\$7,187,037.93

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information

Applicant Organization Name: Chickasha Police Department

Address: 2001 W. Iowa Ave, Chickasha, OK, 73018

Phone: 405-222-6050

Email: zach.nickels@chickashapd.org

County:

Grady

Type:

City or Township Government

DUNS#:

EIN#:

73-6005139

Primary Contact Name/Title:

Zach Nickels (Communications Supervisor)

Authorized Contact Name/Title:

Zach Nickels (Communications Supervisor)

Project Information

Project Title: Chickasha PD GIS Update

Project Type: GIS

Project Category: GIS Remediation/Maintenance/Hardware/Software

Brief Project Description: This project will be adding all new development as well as correcting any errors in previous data. A state approved vendor will be updating the MSAG and ensuring that the data is sent to our CAD system correctly. The request is also for the vendor to do maintenance and updating once a quarter for the following two years.

Request Amount:

\$36,640.00

Award Amount:

\$36,640.00

Project Start Date:

August 19, 2024

Project End Date:

May 31, 2025

Approvals - Required Signatures Approved Not Approved

911 Management Authority Chair

Date

911 State Coordinator

Date

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$36,640.00
c. Local \$0.00
d. Other
e. TOTAL \$36,640.00

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information

Applicant Organization Name: Garvin County

Address: 201 West Grant Rm 9, County Treasurer, Pauls Valley, OK, 73075-3248

Phone: 405-238-1146

Email: garvincounty911@gmail.com

County: Garvin	Type: County Government	DUNS#: 020726816	EIN#: 73-6006368
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Primary Contact Name/Title: Billie Webb (Coordinator)	Authorized Contact Name/Title: David Johnson (Director of Emergency Management, Garvin Co)
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Project Information

Project Title: Garvin County GIS Data Remediation

Project Type: GIS **Project Category:** GIS Remediation/Maintenance/Hardware/Software

Brief Project Description: This project will be for data remediation of Garvin County's GIS data to ensure the data is standardized and compliant with the Oklahoma Geographic Information NG911 and Addressing Standards; and two years maintenance.

Request Amount: \$98,370.00	Award Amount: \$98,370.00	Project Start Date: December 16, 2024	Project End Date: January 01, 2026
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Approvals - Required Signatures Approved Not Approved

911 Management Authority Chair	Date
911 State Coordinator	Date

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$98,370.00
c. Local \$0.00
d. Other
e. TOTAL \$98,370.00

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information			
Applicant Organization Name: Midwest City, City Of			
Address: 100 N Midwest Blvd, Midwest City, OK, 73110-4319			
Phone: 405-868-8601			
Email: gis@midwestcityok.org			
County: Oklahoma	Type: City or Township Government	DUNS#: 790400980	EIN#: 73-6027530
Primary Contact Name/Title: Cole Davis (GIS Coordinator)		Authorized Contact Name/Title: Becky Bruce (9-1-1 Coordinator)	
Project Information			
Project Title: Midwest City - GIS Data Remediation			
Project Type: GIS		Project Category: Initial CAD GIS Update	
Brief Project Description: The project involves the remediation and enrichment of 911 GIS data to align with the Oklahoma State 911 Addressing Standard. The process will involve a comprehensive review of existing GIS datasets, identifying gaps, errors, and inconsistencies in spatial data, such as incorrect address points, road centerlines, or boundary misalignments. The project will correct, update, and validate address points, integrate missing data, and enhance attribute accuracy; and two years maintenance.			
Request Amount: \$79,600.00	Award Amount: \$79,600.00	Project Start Date: November 01, 2024	Project End Date: May 01, 2026
Approvals - Required Signatures <input type="checkbox"/> Approved <input type="checkbox"/> Not Approved			
911 Management Authority Chair		Date	
911 State Coordinator		Date	

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$79,600.00
c. Local \$0.00
d. Other
e. TOTAL \$79,600.00

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information			
Applicant Organization Name: Noble, City Of			
Address: P.O. Box 557, Noble, OK, 73068-0557			
Phone: 405-872-9251			
Email: m.glessner@cityofnoble.org			
County: Cleveland	Type: City or Township Government	DUNS#: 185700945	EIN#:
Primary Contact Name/Title: Michael Glessner (City Planner)		Authorized Contact Name/Title: Michael Glessner (City Planner)	
Project Information			
Project Title: City of Noble 911 GIS Remediation			
Project Type: GIS		Project Category: GIS Remediation/Maintenance/Hardware/Software	
Brief Project Description: The City of Noble is requesting funding for a qualified vendor to help remediate our 911 GIS data in order to be submitted to the NG911 state repository. The City is also requesting assistance with the maintenance of our 911 GIS data for a period of two years.			
Request Amount: \$38,600.00	Award Amount: \$38,600.00	Project Start Date: November 01, 2024	Project End Date: June 30, 2026
Approvals - Required Signatures <input type="checkbox"/> Approved <input type="checkbox"/> Not Approved			
911 Management Authority Chair		Date	
911 State Coordinator		Date	

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$38,600.00
c. Local \$0.00
d. Other
e. TOTAL \$38,600.00

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information

Applicant Organization Name: Tonkawa, City Of

Address: 113 S 7th Street, Tonkawa, OK, 74653-5014

Phone: 580-628-2516

Email: d.grimes@tonkawaok.gov

County: Kay	Type: City or Township Government	DUNS#: 085535375	EIN#: 73-6005468
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Primary Contact Name/Title: Daniel Grimes (E911 / PSAP Coordinator)	Authorized Contact Name/Title: Nicholas Payne (Emergency Management Director)
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Project Information

Project Title: Tonkawa GIS Remediation

Project Type: GIS projects that meet the OK NG911 Std	Project Category: <small>Creation, maintenance or improvement of GIS map, including hardware and software to use the map in call taking.</small>
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Brief Project Description: The goal of this grant is to upgrade the current 911 mapping system for the City of Tonkawa to comply with standards set by the State of Oklahoma. Our current system is not able to pinpoint a location of any kind of close proximity without a manual update function occurring. The additional time required to re-set the system, along with receiving only an approximate location, severely slows response time. The impact of this funding on the Tonkawa community will be improved response times to any crisis or emergency situation.

Request Amount: \$41,545.00	Award Amount: \$41,545.00	Project Start Date: July 22, 2024	Project End Date: October 15, 2025
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Approvals - Required Signatures Approved Not Approved

911 Management Authority Chair	Date
911 State Coordinator	Date

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$41,545.00
c. Local \$0.00
d. Other
e. TOTAL \$41,545.00

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information			
Applicant Organization Name: Yukon, City Of			
Address: PO BOX 850500, Yukon, OK, 73085-0500			
Phone: 405-354-6676			
Email: ckrshka@yukonok.gov			
County: Canadian	Type: City or Township Government	DUNS#: 050593508	EIN#: 73-6005519
Primary Contact Name/Title: Claudia Krshka (Grant Writer)		Authorized Contact Name/Title: Mike Castro (City Manager)	
Project Information			
Project Title: City of Yukon - GIS Data Remediation			
Project Type: GIS		Project Category: GIS Remediation/Maintenance/Hardware/Software	
Brief Project Description: The project will upgrade existing emergency 911 data to meet current technological standards to meet or exceed the Oklahoma NG-911 and Addressing Standard as outlined in State contract (SW1177) including hardware and software and two years maintenance.			
Request Amount: \$32,470.00	Award Amount: \$32,470.00	Project Start Date: March 03, 2025	Project End Date: June 20, 2025
Approvals - Required Signatures <input type="checkbox"/> Approved <input type="checkbox"/> Not Approved			
911 Management Authority Chair		Date	
911 State Coordinator		Date	

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$32,470.00
c. Local \$0.00
d. Other
e. TOTAL \$32,470.00

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information

Applicant Organization Name: Jenks, City Of

Address: PO Box 2007, Jenks, OK, 74037-2007

Phone: 918-556-7481

Email: bshouse@jenksok.org

County:

Tulsa

Type:

City or Township Government

DUNS#:

078642113

EIN#:

73-6005269

Primary Contact Name/Title:

Bradley Shouse (Captain)

Authorized Contact Name/Title:

Bradley Shouse (Captain)

Project Information

Project Title: Jenks 911 PowerPhone Protocol System and Training Portal

Project Type: Training & Protocols

Project Category: Call taker or administrator training and certification.

Brief Project Description: This request is to obtain PowerPhone for a dispatch protocol system and the included training portal that includes advanced dispatcher training.

Request Amount:

\$53,598.00

Award Amount:

\$53,598.00

Project Start Date:

September 27, 2024

Project End Date:

March 01, 2025

Approvals - Required Signatures Approved Not Approved

911 Management Authority Chair

Date

911 State Coordinator

Date

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$53,598.00
c. Local \$0.00
d. Other
e. TOTAL \$53,598.00

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information

Applicant Organization Name: Moore, City Of

Address: 301 N Broadway, Moore, OK, 73160-5100

Phone: 405-793-4571

Email: kgilbert@cityofmoore.com

County: Cleveland	Type: City or Township Government	DUNS#: 055099188	EIN#: 73-6005334
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Primary Contact Name/Title: Kahley Gilbert (Project-Grants Manager)	Authorized Contact Name/Title: Brooks Mitchell (City Manager)
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Project Information

Project Title: City of Moore Police Dispatch Protocol

Project Type: Training & Protocols **Project Category:** Call taker or administrator training and certification.

Brief Project Description: The City of Moore currently uses the Medical and Fire Dispatch Protocols. However, Moore is in desperate need to implement the use of the Police Protocols. The Police Protocol system works together with the Medical and Fire Protocols. The funding request is for the implementation of the Emergency Police Dispatch (EPD) protocols from Priority Dispatch Corp.

Request Amount: \$136,017.00	Award Amount: \$136,017.00	Project Start Date: January 02, 2025	Project End Date: July 31, 2025
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Approvals - Required Signatures Approved Not Approved

911 Management Authority Chair	Date
911 State Coordinator	Date

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$136,017.00
c. Local \$0.00
d. Other
e. TOTAL \$136,017.00

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information

Applicant Organization Name: Roger Mills County

Address: PO BOX 708, County Treasurer, Cheyenne, OK, 73628

Phone: 580-303-6048

Email: chris@rogermillssso.org

County: Roger Mills	Type: County Government	DUNS#: 011205531	EIN#: 73-6006413
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Primary Contact Name/Title: Christopher Clift (Head Dispatcher)	Authorized Contact Name/Title: Christopher Clift (Head Dispatcher)
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Project Information

Project Title: Total Response-Power Phone

Project Type: Training & Protocols	Project Category: Protocols
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Brief Project Description: This project will give multiple call protocols for law enforcement, fire and ambulance. It'll help train new dispatchers; help dispatchers ask the questions they need to ask; and get the correct personnel with correct priority efficiently to the incident.

Request Amount: \$68,773.85	Award Amount: \$68,773.85	Project Start Date: January 15, 2025	Project End Date: July 15, 2025
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Approvals - Required Signatures Approved Not Approved

911 Management Authority Chair	Date
911 State Coordinator	Date

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$68,773.85
c. Local \$0.00
d. Other
e. TOTAL \$68,773.85

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information

Applicant Organization Name: Wagoner County

Address: 307 E Cherokee 2nd Floor, Wagoner, OK, 74467-4706

Phone: 918-485-3124

Email: mburke@wagonercounty.ok.gov

County: Wagoner	Type: County Government	DUNS#: 796675226	EIN#: 73-6006421
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Primary Contact Name/Title:
MISTY BURKE (911 COMMUNICATIONS SUPERVISOR)

Authorized Contact Name/Title:
MISTY BURKE (911 COMMUNICATIONS SUPERVISOR)

Project Information

Project Title: EMD Training and Certification

Project Type: Training & Protocols

Project Category: Call taker or administrator training and certification.

Brief Project Description: Training/protocols and certification request. Our agency handles all fire, EMS and law enforcement calls. The purpose of this grant is to allow our department to train our dispatchers in medical calls and how to handle situations that require some sort of medical intervention while taking calls.

Request Amount: \$66,498.00	Award Amount: \$66,498.00	Project Start Date: August 26, 2024	Project End Date: October 31, 2025
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Approvals - Required Signatures Approved Not Approved

911 Management Authority Chair	Date
911 State Coordinator	Date

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$66,498.00
c. Local \$0.00
d. Other
e. TOTAL \$66,498.00

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information

Applicant Organization Name: Woods County

Address: PO BOX 7, Alva, OK, 73717-0007

Phone: 580-327-6991

Email: woodscounty911@gmail.com

County: Woods	Type: County Government	DUNS#: 012155776	EIN#: 73-6006424
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Primary Contact Name/Title: Ashley Woodall (Woods County E911 Coordinator)	Authorized Contact Name/Title: Ashley Woodall (Woods County E911 Coordinator)
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Project Information

Project Title: Woods-Total Response PowerPhone

Project Type: Training & Protocols **Project Category:** Call taker or administrator training and certification.

Brief Project Description: The goal of this project is to implement call-handling protocols to standardize call-taking practices, support new hire training, implement QA/QI as well as offer additional dispatcher training through the Total Response training product. We will need to add an interface for this product to be implemented to our GeoConex CAD system.

Request Amount: \$61,586.00	Award Amount: \$61,586.00	Project Start Date: September 01, 2024	Project End Date: December 31, 2025
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Approvals - Required Signatures Approved Not Approved

911 Management Authority Chair	Date
911 State Coordinator	Date

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$61,586.00
c. Local \$0.00
d. Other
e. TOTAL \$61,586.00

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information

Applicant Organization Name: Johnston County

Address: 403 W Main St Ste #103, Johnston County Treasurer, Tishomingo, OK, 73460-1753

Phone: 580-371-9911

Email: JohnstoncountyE911@yahoo.com

County: Johnston	Type: County Government	DUNS#: 074277153	EIN#: 73-6006378
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Primary Contact Name/Title: Stacey Pulley (E911 Coordinator)	Authorized Contact Name/Title: Stacey Pulley (E911 Coordinator)
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Project Information

Project Title: Johnston County NG911 Grant

Project Type: NG911 Deployment **Project Category:** Development or deployment of next generation 9-1-1 technology.

Brief Project Description: Requesting a hosted 911 Next Gen Call Handling System with integrated mapping software and all necessary Call Handling Equipment - mapping, ECATS reporting software, one year maintenance, training, installation and Text 2 911.

Request Amount: \$235,000.00	Award Amount: \$235,000.00	Project Start Date: October 01, 2024	Project End Date: December 31, 2025
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Approvals - Required Signatures Approved Not Approved

911 Management Authority Chair	Date
911 State Coordinator	Date

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$188,000.00
c. Local \$47,000.00
d. Other
e. TOTAL \$235,000.00

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information

Applicant Organization Name: Oklahoma County

Address: 320 Robert S Kerr Ave Ste 307, Treasurers Office, Oklahoma City, OK, 73102-3441

Phone: 405-713-2053

Email: sodavbai@oklahomacounty.org

County: Oklahoma	Type: County Government	DUNS#: 557076148	EIN#: 73-6006400
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Primary Contact Name/Title: David Baisden (Captain)	Authorized Contact Name/Title: David Baisden (Captain)
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Project Information

Project Title: Oklahoma County Sheriff's Office Logging Recorder Upgrade

Project Type: NG911 Deployment **Project Category:** Recorders/Loggers/Call Handling Equipment

Brief Project Description: Request is for a logger recorder. Oklahoma County Sheriff's Office is primary dispatch for nine outside law enforcement agencies and 13 fire departments. We contract with the City of Oklahoma City for radio communications (L3 Harris) and Association of Central Oklahoma Governments (ACOG) for NG911 services. We are in the process of moving our PSAP from Midwest City to MetroTech's South Bryant campus in Oklahoma City. Our current logging recorder does not meet the requirements of both 911 and radio recording.

Request Amount: \$89,541.00	Award Amount: \$89,541.00	Project Start Date: November 01, 2024	Project End Date: June 30, 2025
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Approvals - Required Signatures Approved Not Approved

911 Management Authority Chair	Date
911 State Coordinator	Date

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$71,632.80
c. Local \$17,908.20
d. Other
e. TOTAL \$89,541.00

Oklahoma 911 Management Authority

Grant Approval Form



Organization Information

Applicant Organization Name: Skiatook, City Of

Address: P.O. BOX 399, Skiatook, OK, 74070-0399

Phone: 918-396-2424

Email: twakefield@cityofskiatook.com

County: Osage	Type: City or Township Government	DUNS#: 070035142	EIN#: 73-6005429
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Primary Contact Name/Title: Tiarr Wakefield (Director of Communications)	Authorized Contact Name/Title: Brad White (City Manager)
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Project Information

Project Title: Skiatook E911 AVTEC Radio System

Project Type: Radio Consoles (911 use only)	Project Category: Radios necessary to transmit 911 calls
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Brief Project Description: Skiatook E911 requests funding to replace our current MIP5000 communication system, which has been obsolete for the past seven years, with a new AVTEC console. The MIP5000 system is crucial for our emergency response operations, but it has lost the ability to drop tones for fire and medical services and can no longer be upgraded to set off tornado sirens. Specifically, it fails to activate 3 out of the 11 tornado sirens across our city, leaving significant gaps in our emergency alert system.

Request Amount: \$119,718.00	Award Amount: \$119,718.00	Project Start Date: January 05, 2025	Project End Date: December 31, 2025
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Approvals - Required Signatures Approved Not Approved

911 Management Authority Chair	Date
911 State Coordinator	Date

State Office Use Only

Funding Sources
a. Federal \$0.00
b. State \$95,774.40
c. Local \$23,943.60
d. Other
e. TOTAL \$119,718.00

CHAPTER 15. OKLAHOMA 9-1-1 MANAGEMENT AUTHORITY

SUBCHAPTER 1. ADMINISTRATIVE OPERATIONS

145:15-1-2. Definitions

In addition to the terms defined in [63 O.S., Section 2862](#), the following words and terms, when used in this Chapter, shall have the following meaning, unless the context clearly indicates otherwise:

"**Act**" means the Oklahoma 9-1-1 Management Authority Act, 63 O.S., Sections 2861, *et seq.*

"**Automatic Location Identification (ALI)**" means the automatic display at the PSAP of the caller's telephone number, the address/location of the telephone and supplementary emergency services information of the location from which a call originates.

"**Coordinator**" means the Oklahoma 9-1-1 Coordinator selected by the Authority to administer grants approved by the Authority and perform other duties as it deems necessary to accomplish the requirements of the Act.

"**GEO MSAG**" means a Master Street Address Guide, but instead of being maintained directly by editing MSAG records, a geoMSAG is created from and edited by GIS data.

"**Geospatial Call Routing**" means the use of an ECRF (Emergency Call Routing Function) and GIS (Graphic Information System) data to route an emergency call to the appropriate PSAP or emergency service provider based on the civic location or geographic coordinates provided with the call.

"**Geographic Information System (GIS)**" means a system for capturing, storing, displaying, analyzing, and managing data and associated attributes which are spatially referenced.

"**GIS Repository**" means the GIS data warehouse used to aggregate Next Generation 9-1-1 (NG9-1-1) GIS datasets from local PSAPs to provide high quality NG9-1-1 GIS data to core service providers for the purpose of 9-1-1 call routing and other functions required for NG9-1-1.

"**Master Street Address Guide (MSAG)**" means a database of street names and house number ranges within their associated communities defining Emergency Service Zones (ESZs) and their associated Emergency Service Numbers (ESNs) to enable proper routing of 9-1-1 calls.

~~"**Next-Gen 9-1-1**" means an initiative of the National Emergency Number Association (NENA) to update the 9-1-1 service infrastructure to allow for additional types of emergency communication and data transfer such as text, images, and video in addition to phone communication.~~

"**Oklahoma NG9-1-1 GIS Toolkit**" means the collection of GIS tools created specifically to validate local GIS datasets to meet the State of Oklahoma Geographic Information NG9-1-1 and Addressing Standard and National Emergency Number Association (NENA) NG9-1-1 GIS recommendations prior to uploading local GIS datasets to the Oklahoma Statewide NG9-1-1 GIS repository.

"**Phase II**" means a wireless Enhanced 9-1-1 program where wireless carriers provide the PSAP with the location of the caller to a certain degree of certainty in accordance with accuracy standards set by the Federal Communications Commission (FCC).

"**Public Safety Answering Point (PSAP)**" means an entity responsible for receiving 9-1-1 calls and processing those calls according to a specific operational policy.

"**Validate NG9-1-1 GIS Data**" means the process of checking local GIS data using the Oklahoma NG9-1-1 GIS Toolkit and/or other GIS tools to ensure the data is in compliance with the recognized NG9-1-1 GIS standard.

SUBCHAPTER 3. OKLAHOMA 9-1-1 MANAGEMENT AUTHORITY

145:15-3-2. Committees

(a) The Authority shall have the following standing committees. The Chair of each committee must be a member of the board. Recommendation of removal of non-members from a committee will be recommended by the Committee Chair and approved by the Authority. Resignation of committee members can be accepted by the committee chair without Authority approval.

(1) **Administrative Committee.** The duties of the Administrative Committee shall include the following:

- (A) Recommending changes to administrative rules;
- (B) Advising on issues of budget and finance;
- (C) Recommending certification of PSAPs for funding;
- (D) Overseeing the distribution of grants;
- (E) Recommending the escrow of funds;

- (F) Reviewing PSAP annual reports;
- (G) Conducting or reviewing audits of fee collections;
- (H) Recommending areas for grant funding emphasis; and
- (I) Such tasks as the Chair deems advisable, subject to the approval of the Authority.

(2) **Technical Committee.** The duties of the Technical Committee shall include the following:

- (A) Developing the plan to deploy the ~~Next Gen 9-1-1~~ NG9-1-1 services statewide;
- (B) Recommending 9-1-1 equipment standards for use in competitive bidding and contracting;
- (C) Developing model plans to facilitate equipment and technology sharing;
- (D) Identifying state, federal and industry programs and standards beneficial for the deployment of ~~Next Gen 9-1-1~~ NG9-1-1 statewide;
- (E) Recommending areas for grant funding emphasis;
- (F) Conducting an inventory of the 9-1-1 infrastructure;
- (G) Identifying call routing and networks in use by PSAPs; ~~and~~
- ~~(H) Such tasks as the Chair deems advisable, subject to the approval of the Authority~~
- (H) Reviewing and recommending for Authority approval the technical requirements necessary to deliver 9-1-1 calls to PSAPs using nationally recognized standards;
- (I) Recommending improvement plans for local 9-1-1 centers to be compliant with current 9-1-1 technology;
- (J) Reviewing local plans to deploy NG9-1-1 to ensure they align with the State's master plan;
- (K) Reviewing and making recommendations for improvement plans to ensure local PSAPs are meeting the National Emergency Number Association (NENA) standards as listed in Oklahoma Administrative Code (OAC) 145:15-11-2;
- (L) Recommending Geographic Information Systems (GIS) requirements needed for 9-1-1;
- (M) Creating and maintaining a process for granting extensions to local agencies requesting time extensions, and reviewing and recommending said requests for Authority approval, as needed;
- (N) Reviewing the escrow of funds; and
- (O) Such other tasks as the Chair deems advisable, subject to the approval of the Authority.

(3) **Operations Committee.** The duties of the Operations Committee shall include the following:

- (A) Developing training program standards for 9-1-1 call takers;
- (B) Reviewing PSAP annual report items that relate to national emergency dispatch standards;
- (C) Recommending improvement plans for PSAPs who have failed to deploy Phase II service or have failed to deliver service consistent with NENA standards;
- (D) Developing best practices for PSAP operations;
- (E) Formulating a Strategic Plan as a guide for statewide coverage and interoperability between PSAPs
- (F) Recommending areas for grant funding emphasis; ~~and~~
- ~~(G) such tasks as the Chair deems advisable, subject to the approval of the Authority~~
- (G) Recommending requirements for mandatory training for telecommunicators;
- (H) Recommending for Authority approval local training programs that meet or exceed mandatory training requirements;
- (I) Reviewing and recommending for Authority approval extensions from agencies that request additional time to obtain the necessary mandatory training certification as required by Section 2873 of Title 63 of the Oklahoma Statutes;
- (J) Approving or recommending improvement plans based on the annual training declaration forms which certify that local training programs meet or exceed the State's required training;
- ~~(K)~~ (K) Reviewing and making recommendations for the escrowing of funds for public agencies that fail to meet the mandatory training requirements; and
- ~~(L)~~ (L) Such tasks as the Chair deems advisable, subject to the approval of the Authority.

(4) **Executive Committee.** Members of the Executive Committee shall be the officers and standing committee chairs ~~or vice chairs, in the absence of the committee chair.~~

(5) Nominating committee. The chair of the Nominating Committee will not be considered a part of the Executive Committee, unless otherwise qualified.

(b) Ad hoc committees may be created by the Chair or by the majority vote of the Authority. Non-members may be appointed to ad hoc committees subject to the Authority's approval. The Chair of each ad hoc committee must be a member of the board. The Chair is not included as a member of the Executive Committee. The chair of the Ad hoc committee will establish attendance and participation expectations and share them with the entire committee. Recommendation of removal of non-members from a committee will be recommended by the Ad hoc Committee Chair and approved by the Authority. Resignation of committee members can be accepted by the Ad hoc committee chair without Authority approval. Nominating committee will be appointed by the chair or a majority of the board and will not be considered part of the Executive

Committee.**145:15-3-3. Meetings**

- (a) The Authority shall approve a schedule of regular meetings for the upcoming calendar year by December 15 of each year. In the event that the authority fails to approve a schedule of meetings, the Chair may file a schedule of meetings pursuant to the Open Meetings Meeting Act and submit the schedule to the Authority for approval at the next regularly scheduled meeting.
- (b) Special meetings may be called by the Chair or by a majority of the Authority present at a duly called meeting.
- (c) A quorum of the Authority must be present for any business to be conducted. A majority of the filled seats of the Authority shall constitute a quorum.

145:15-3-4. Reimbursement for member travel to Authority meetings

- (a) Voting and non-voting members are eligible for reimbursement for travel.
- (b) The Oklahoma 9-1-1 Coordinator's office and Oklahoma Emergency Management office will determine the process to reimburse travel expenses.
- (c) Mileage can be reimbursed for Authority members that exceed fifty (50) miles from their residence or place of primary business to the meeting location.
- (d) The reimbursement rate for mileage will be determined by the current rate established by the Oklahoma Office of Management and Enterprise Services (OMES). Actual travel expenses may be reimbursed for lodging and per diem when the total travel time, in addition to meeting time exceeds 11 hours. Lodging and per diem will not be reimbursed over the United States General Services Administration (GSA) rate. Receipts for lodging must be provided in order to receive reimbursement.

SUBCHAPTER 5. REPORTING REQUIREMENTS**145:15-5-1. Annual reports**

- (a) Public agencies shall submit an annual report on a form to be prescribed by the Authority ~~no later than September 1 of each year.~~ The report shall cover the immediately preceding fiscal year of the public agency. The public agency must complete the report in the required time frame prescribed by the Authority which should not be less than 60 calendar days.
- (b) The annual report shall contain the following:
- (1) Information regarding the operation and financing of the PSAP;
 - (2) All sources of funding available to the public agency for the provision of 9-1-1 services;
 - (3) A copy of the most recent ~~annual audit budget~~ showing all actual expenses of the public agency relating to the 9-1-1 emergency telephone system;
 - ~~(4) information demonstrating that the public agency delivered service consistent with National Emergency Number Association (NENA) standards;~~ (4) Brand, model, and version of equipment used by the public agency to deliver 9-1-1 service;
 - (5) Information demonstrating that the public agency has deployed Phase II service or has complied with the terms of a master plan to deliver Phase II that has been previously approved by the Authority; and
 - (6) Any additional information deemed necessary by the Authority.
- (c) The annual report will be reviewed by the Coordinator who may request additional information as necessary. A representative of the public agency may be requested to present the annual report to the Authority. The Authority will review the annual report and approve, ~~modify,~~ request additional information, request modification of or reject the report.
- (d) Failure by a public agency to submit the report annually or denial of a report may cause the Authority to order the Tax Commission to escrow the 9-1-1 emergency telephone fees due to the public agency until the public agency complies with the requirements of the Oklahoma 9-1-1 Management Authority Act and the procedures established by the Authority. [63:2868]
- (e) Public agencies shall timely notify the Authority in the event that the name, contact information or response area of the PSAP changes. Failure to timely notify the Authority may result in delay of funding.

SUBCHAPTER 7. DISBURSEMENT OF 9-1-1 TELEPHONE FEES**145:15-7-1. ~~Annual determination of eligibility and population~~ Governing body eligibility and fee distribution data**

- (a) The Authority will establish a preliminary list of eligible governing bodies entitled to receive 9-1-1 telephone fees and establish preliminary annual population figures and square mile figures for the purpose of distributing fees collected pursuant to the Act. Population figures will be derived by dividing the population of each public agency's response area by the total

population of the state using data from the latest available Federal Census estimates. An agency's response area is defined as the territory within which landline 9-1-1 calls are directed to the agency to be answered.

(b) Annually, the Authority will validate the 9-1-1 center response area with each approved eligible governing body. Population figures will be derived by dividing the population of each public agency's response area by the total population of the state using data from the latest available Census estimates. Authority will utilize Census data and industry standard tools to determine the population estimates for response areas.

(c) Land area figures will be derived by dividing the land area of each public agency response area by the total land area of the state using industry standard tools.

~~(d)~~ (d) If a public agency disputes the Authority's preliminary determination regarding the population or land area of the public agency's response area, the public agency shall be permitted to present information regarding the population or land area of the public agency's response area to the Authority at the Authority's next regularly scheduled meeting. If the Authority determines that an error was made, the Authority may correct the population figures or land area.

~~(e)~~ (e) If no preliminary list is disputed, or if the Authority adjusts a disputed preliminary list, such list shall become final and shall be submitted to the Tax Commission.

~~(f)~~ (f) If more than one public agency operates in the same response area, providing different types of 9-1-1 call answering service (VoIP, Wireless, Landline), the public agencies shall enter into a written agreement regarding the percentage of the total population of the response area that will be attributed to each public agency for purposes of distributing funds under the Act. The details of the agreement shall be submitted by each public agency in the annual report. If the public agencies fail to enter into such an agreement, the population of the public agency answering wireless calls will be approved. The public agencies shall submit all information deemed necessary by the Authority to aid in the determination.

145:15-7-2. Escrow of funds

(a) Pursuant to Section 2864 of Title 63 of the Oklahoma Statutes, the Authority may direct the Tax Commission to escrow all or any portion of funds collected pursuant to the Act attributable to a public agency if the public agency fails to:

(1) Submit or comply with master plans to deliver Phase II 9-1-1 wireless locating Next Generation 9-1-1 (NG9-1-1) services as required by ~~this the Oklahoma 9-1-1 Management Authority Act~~ and approved by the Authority. Local plans must align with the State's Master plan to deploy NG9-1-1;

(2) Meet standards of the National Emergency Number Association (NENA) limited to call-taking and caller-location technology or comply with an improvement plan to meet such standards as directed by the Authority;

(3) Submit annual reports or audits as required by the Act; ~~or~~

(4) Provide connectivity and interoperability between state, regional and local next-generation systems; or

~~(5)~~ (5) Comply with the requirements of the Act or procedures established by the Authority.

(b) If the Authority has reason to believe that grounds exist for the Authority to escrow funds attributable to a public agency, the Coordinator shall communicate the grounds to the public agency. The public agency shall be given an opportunity to present information to the Authority to show compliance with the Act and this Chapter.

(c) If the Authority determines that the public agency has failed to comply with any of the requirements in subsection (a) of this Section, the Authority may direct the Tax Commission to escrow all or any portion of funds attributable to the public agency. The Authority may lift the escrow order if the public agency shows compliance with the requirements of the Act or the procedures established by the Authority with which the public agency was found to be in non-compliance.

(d) If the Authority determines that the public agency has failed to comply with subsection (a)(1) or (a)(2) of this Section, the public agency shall submit an improvement plan to be Authority within ninety (90) ~~90~~ days of the Authority's finding of non-compliance. The Authority will approve, modify or deny the improvement plan and establish a time period for the public agency to come into compliance. If the public agency fails to submit an acceptable improvement plan or fails to comply with the improvement plan, the Authority may direct the Tax Commission to escrow all or any portion of funds attributable to the public agency. The Authority may lift the escrow order upon a showing of compliance with the requirements of the Act or the procedures established by the Authority with which the public agency was found to be in non-compliance or upon acceptance by the Authority of a new improvement plan. If the public agency determines that it cannot comply with the terms of the improvement plan, the public agency may request approval to modify the terms of the plan.

145:15-7-3. Eligible use list of approved expenditures for landline and wireless 9-1-1 fee revenue

Public agencies or public safety answering points ("PSAPs") who receive wireline and wireless 9-1-1 fee revenue from local telephone exchanges and the Oklahoma Tax Commission may only spend such funding on the eligible uses listed below:

(1) Enhanced 9-1-1 services.

(A) Enhanced 9-1-1 Phase II wireless technology, NG9-1-1, or successor 9-1-1 technology (defined as: technology and maintenance needed to transmit voice, data, and text from the 9-1-1 caller to the 9-1-1 center

- call-taker);
- (B) Mapping display for call answering positions that are ANI/ALI equipped;
- (C) 9-1-1 GIS services;
- (D) TTY required for compliance with the Americans with Disabilities Act ("ADA");
- (E) 9-1-1 information technology services;
- (F) 9-1-1 Management Information System ("MIS") for reporting purposes;
- (G) Cyber security of the 9-1-1 system; or
- (H) Clock synchronizer and maintenance for 9-1-1 purpose.

(2) Administration.

- (A) Human resources services;
- (B) Legal costs;
- (C) Financial services, including 9-1-1 financial audits;
- (D) 9-1-1 public education coordination;
- (E) Voice and radio/data recorder and maintenance;
- (F) 9-1-1 Coordinator duties;
- (G) 9-1-1 Coordinator or 9-1-1 office computers, software, and furniture; or
- (H) Expenses needed to gather location information.

(3) Operations.

- (A) PSAP and 9-1-1 administrative telephone lines/connections;
- (B) E9-1-1/NG9-1-1 reserve accounts;
- (C) 9-1-1 call receiver salaries and benefits;
- (D) Computer Aided Dispatch ("CAD") by the Public Safety Telecommunicator to manage the 9-1-1 call (excluding legal, fire, EMS, jail, and other ancillary software solutions);
- (E) Hardware/software licensing specifically for display of the field units in the 9-1-1 center, which does not include field responder licensing and hardware;
- (F) Interfaces from CAD or 9-1-1 to external services, such as radio, NCIC, records management systems ("RMS"), and mobile computer systems;
- (G) Radio consoles within the 9-1-1 center, including licensing, and the radio or connectivity needed to broadcast the 9-1-1 information to the field (excluding radio systems, repeaters, subscriber units, portable/mobile radios used in the field, or any other communication median beyond the dispatch center);
- (H) Call taker protocols; or
- (I) Office supplies needed for the delivery of 9-1-1 services.

(4) Facility.

- (A) PSAP and 9-1-1 facility lease/purchase costs;
- (B) E9-1-1 building repair and maintenance, including major systems replacement or repair;
- (C) E9-1-1 property and liability insurance;
- (D) Auxiliary generator and generator maintenance to provide 9-1-1 eligible equipment;
- (E) Console furniture for 9-1-1 call receiving equipment and maintenance; or
- (F) Uninterruptible power supply ("UPS") for PSAP enhanced 9-1-1 equipment and maintenance.

(5) Training.

- (A) Coordinator professional development;
- (B) 9-1-1 Public Safety Telecommunicator professional development and operational training;
- (C) Cyber security training related to 9-1-1;
- (D) Social media security training related to 9-1-1; or
- (E) 9-1-1 professional subscriptions and memberships.

SUBCHAPTER 9. GRANT PROGRAM

145:15-9-1. Purpose

Pursuant to Section 2864 of Title 63 of the Oklahoma Statutes, the Authority may award grants to eligible entities for the purposes of assisting public agencies with funding for consolidation of facilities or services, deployment of Phase II technology or successor technology, development of next-generation 9-1-1 regional emergency service networks, and for other purposes it deems appropriate and necessary. All NG9-1-1 grants can only be awarded if it is determined that the grant meets the State NG9-1-1 deployment plan. Multiple grants may be awarded to eligible entities in any given year.

145:15-9-2. Application process

(a) Upon a determination by the Authority that funds are available for grants, the Authority will determine the program application requirements and funding priorities for the grant program. The criteria will be posted as grant guidelines and will be made available to public agencies or notify potential applicants through the Authority's website. The Authority may determine the application requirements, funding priorities and evaluation criteria. If a grant program is deemed invitation-only, based on determination of the Authority, then public agencies will be notified directly of their eligibility to apply; however, the information may not be publicly posted. The application requirements may include, but are not limited to, the submission of letters of intent.

(b) ~~Any PSAP is Primary PSAPs are eligible to submit an application to the Authority. The application shall be completed by an individual employed by or affiliated with the PSAP and shall include all information and attachments requested. Only governing authorities of a primary PSAP shall be eligible to apply for the Authority grant program as authorized by Section 2864.5 of Title 63 of the Oklahoma Statutes.~~

(c) ~~If an application is not submitted by the designated date and time, it shall be returned without consideration. Timely applications are reviewed by the Authority, or a committee appointed by the Chair, to determine completeness. The Committee may require any applicant to provide additional information. An application is not considered final complete until all requested information has been submitted. Application requirements may include, but are not limited to, the submission of letters of intent. If an application is not submitted by the designated deadline date and time, it shall be returned without consideration. An application is not considered complete until all requested information has been submitted. Timely applications are reviewed by the Authority, or a committee appointed by the Chair, to determine completeness and eligibility. The review committee may require any applicant to provide additional information. If a request for additional information is made by the Authority, the applicant will have sixty calendar (60) days to respond. If a response is not received in sixty (60) days or additional time is not requested, then the grant application shall be deemed to be withdrawn.~~

(d) ~~An application that is not reviewed for any failure on the part of the applicant shall be deemed to be a withdrawal of the application.~~

(d) The services and equipment requested in applications shall not be procured for use in a private entity's dispatch or response facility.

(e) Grant applications will not be considered if a purchase agreement has been signed or the item(s) for which funding was requested have already been purchased prior to a grant award (i.e., grant funds cannot be used to cover expenses that have already been incurred or committed to before the grant decision was made).

145:15-9-3. Award process

(a) Submission of a final application does not guarantee the award of a grant.

(b) In anticipation of receiving applications for funding greater than the program funds available, evaluation criteria will be used to rank the applications. These criteria will be developed by the Administrative Committee.

(c) Applications will be evaluated and ranked by Committee members, or by others as requested. Applications with the highest evaluation will be recommended for funding to the extent of funds available.

(d) Applications submitted to the ~~agency~~ Authority remain confidential until a decision is made by the Authority. The final decision to award shall be made at the sole discretion of the Authority.

(e) All applicants will receive written notification of final award status.

(f) The mechanism for funding approved applications may be a ~~cooperative agreement~~ a grant contract or State and Local Agreement between the ~~authority~~ Authority and the grantees. Grantees shall abide by the terms and conditions of the cooperative agreement.

145:15-9-4. Grant administration and evaluation

(a) ~~Proper documentation of each expense is required, including paid invoices, cancelled checks, payroll receipts, time records and other pertinent proof of expenditures. Grant funds may not be used for ongoing operating costs of any emergency telephone system.~~

(a) For reimbursements, proper documentation of each expense is required, including paid invoices, cancelled checks, payroll receipts, time records and other pertinent proof of expenditures. Grant funds may not be used for ongoing operating costs of any emergency telephone system.

(b) ~~Grantees shall be subject to performance evaluations as to their compliance with the terms and conditions of the cooperative agreement and may be audited as appropriate. Grantees may be required to submit performance evaluation measurements and must ensure that their grant related records are made available to the Authority or other designated officials for review or audit.~~

(c) Grantees shall keep a file on awarded grants, and include copies of grant award, applications, claims, invoices and cancelled checks, as appropriate, in order to comply with audits.

- (1) Grant recipients must retain records relative to the grant for the duration of the grant and for a period of three (3) years following completion or termination of the grant. If a claim, audit, litigation or other action involving such records is started before the end of the three-year period, the records are required to be maintained for two (2) years from the date that all issues arising out of the action are resolved, or until the end of the three (3) year retention period, whichever is later.
- (2) Grant recipients subject to the Oklahoma Records Management Act in Title 67 of the Oklahoma Statutes must comply with that statute's requirements concerning the preservation and archiving of records.
- (d) Failure to complete an awarded project may result in ~~repayment of claimed funds~~ the awardee being required return grant funds received toward the project and/or ineligibility to receive other awards.
- (e) Grants may be cancelled by the Authority in the event of noncompliance or lack of progress by grantee. Written notification of cancellation or withholding of funds will be provided to defaulting grantees. ~~Grantees shall be given an opportunity to cure the default.~~ The final decision to cancel the grant shall be made at the sole discretion of the Authority.

SUBCHAPTER 11. NG9-1-1 COMPLIANCE REQUIREMENTS

145:15-11-1. 9-1-1 operational requirements

- (a) Pursuant to Section 2864 of Title 63 of the Oklahoma Statutes, the Authority will utilize the National Emergency Number Association (NENA) standard titled "NENA Standard for 9-1-1 Call Processing" to determine compliance for call-taking.
- (b) Pursuant to Sections 2864 and 2872 of Title 63 of the Oklahoma Statutes, the Authority will maintain an online training platform that meets or exceeds nationally recognized training for public safety telecommunicators. At a minimum, this will include the following training components:
- (1) Introduction to basic telecommunication elements;
 - (2) Call receiving;
 - (3) Call processing for each discipline/class classification;
 - (4) Call dispatching;
 - (5) Emergency management;
 - (6) Disaster preparedness/mutual aid;
 - (7) Emergency communication technology;
 - (8) Legal and ethical issues;
 - (9) Interpersonal communication skills; and
 - (10) Health and wellness;
- (c) All 9-1-1 telecommunicators must complete a minimum of forty (40) hours of training, that is approved by the Oklahoma 9-1-1 Management Authority, prior to taking 9-1-1 calls outside the local training program and within six (6) months of date of hire. Agencies may request an extension of this timeline. All requests will be reviewed and recommended by the Operations Committee for Authority approval.
- (d) Local programs that include classroom training that meets or exceeds the mandatory training requirements may be certified by the Operations Committee.
- (e) All 9-1-1 Primary Answering Points that dispatch for Emergency Medical Services (EMS), either full time or occasionally, shall complete a state- or nationally recognized Telecommunicator Cardiopulmonary Resuscitation (T-CPR) training program.
- (f) Primary 9-1-1 centers must report any new employee to the State 9-1-1 Coordinator's Office within thirty (30) days of date of hire. Primary 9-1-1 centers must also report any terminations and resignations, including retirement, to the 9-1-1 Coordinator's Office within thirty (30) days of change in the employee's employment status. The 9-1-1 Coordinator's Office will determine the method of reporting.
- (g) Upon request by the Oklahoma 9-1-1 Coordinator's Office, public agencies will be required to provide a list of current employees along with documentation that they have completed the mandatory telecommunicator trainings.
- (h) The Oklahoma 911 Management Authority will create and approve a Training Declaration Form that will allow agencies to provide their own internal training that meets the minimum training standards as set forth by the State of Oklahoma for Public Safety Answering Points (PSAPs). An approved declaration form releases the agency from using the State-provided training course for basic call-handling and dispatch services.
- (i) Primary 9-1-1 Centers that are Emergency Medical Certified to provide medical protocols that include Telecommunicator Cardiopulmonary Resuscitation (CPR) are not required to complete the Telecommunicator CPR course provided by the State.
- (j) All primary 9-1-1 centers shall utilize the state-provided online training platform and upload the certificate of completion for each training that is completed by the Telecommunicator employed by the agency.
- (k) Local 9-1-1 centers that have approved local training programs must upload the state supplied certificate of completion of said training to the online training platform provided by the State.

(l) Failure to comply with mandatory training requirements providing in this Section may result in the escrow of 9-1-1 fees, consistent with O.A.C. 145:15-7-2.

145:15-11-2. 9-1-1 geographic information system (GIS)

(a) Pursuant to Section 2864 of Title 63 of the Oklahoma Statutes, the Authority recognizes the following guidelines for the operation and maintenance of the Oklahoma Statewide Next Generation 9-1-1 (NG9-1-1) GIS repository:

(1) Local Public Safety Answering Points (PSAPs) approved to receive 9-1-1 fee revenue in the State must meet the State's Master Plan for NG9-1-1 services and deliver service that is consistent with National Emergency Number Association (NENA) standards.

(A) PSAPs must meet the NENA standard for NG9-1-1 GIS data model requirements which is implemented in Oklahoma using the latest version of the State of Oklahoma's Geographic Information NG9-1-1 and Addressing Standard.

(B) PSAPs must upload local validated NG9-1-1 GIS data into the Oklahoma NG9-1-1 GIS Repository on a quarterly basis.

(C) GIS data must stay current within local GIS programs used by the PSAP.

(D) Each 9-1-1 center must determine the interval to upload local GIS data to the state repository. It is recommended that GIS data is uploaded to the state repository in the same time frame as uploading GIS data to the PSAP. At a minimum, data shall be uploaded quarterly regardless of if there are any changes to the data during this time period.

(E) PSAPs must mitigate their local GIS data and meet the State of Oklahoma Geographic Information NG9-1-1 and Addressing Standard. PSAPs must also use the Oklahoma NG9-1-1 GIS Toolkit as a final validation tool prior to uploading local GIS data to the Oklahoma Statewide NG9-1-1 GIS repository.

(F) PSAPs must resolve all GIS jurisdictional boundary issues with adjoining PSAPs.

(G) PSAPs must synchronize their NG9-1-1 GIS data centerlines and site/structure address points data with their MSAG and ALI (TN) records to 98% accuracy as stated in NENA INF 71-501. This process must continue until the tabular MSAG is replaced by a GEO MSAG used by a NG9-1-1 core services provider.

(H) PSAPs must attend annual training provided by the State for the maintenance of NG9-1-1 GIS data.

(2) PSAPs must follow the NG9-1-1 GIS mitigation procedures for maintaining and uploading data to the Oklahoma Statewide NG9-1-1 GIS Repository as outlined in:

(A) The latest version of the State of Oklahoma Geographic Information NG9-1-1 and Addressing Standard;

(B) The latest version of the Guidelines for Oklahoma NG9-1-1 Data Creation and Maintenance document; and

(C) The latest version of the Oklahoma NG9-1-1 GIS Toolkit manual.

(3) PSAPs must follow the Oklahoma NG9-1-1 GIS Toolkit training and other GIS centered training that is held by the Authority.

(4) PSAPs' failure to comply with these rules may result in escrow of 9-1-1 fees, consistent with O.A.C. 145:15-7-2.

(b) The Authority will:

(1) Provide annual training on the Repository, the Oklahoma NG9-1-1 GIS Toolkit, and the State of Oklahoma Geographic Information NG9-1-1 and Addressing standard;

(2) Provide updates to the Oklahoma Addressing and NG9-1-1 GIS standard;

(3) Maintain the Oklahoma Statewide NG9-1-1 GIS Repository and Oklahoma NG9-1-1 GIS Toolkit; and

(4) Provide access to the Oklahoma Statewide NG9-1-1 GIS Repository to local PSAPs.

145:15-11-3. Next generation 9-1-1 services (NG9-1-1)

(a) Pursuant to Section 2864 of Title 63 of the Oklahoma Statutes, the Oklahoma 9-1-1 Management Authority will hold the master contract for NENA i3 complaint ESInet and core services. This will include, but is not limited to, the NG9-1-1 call delivery from the POI where data and voice is retrieved from the public provider to the PSAP. It will also include NG9-1-1 core services necessary to deliver standardized data and voice to the PSAP's border control function (BCF).

(b) A public agency that is operating an ESInet and core services outside the state contract will be responsible for the agency's (911 agency's) solution and connection to the state solution.

(c) The Authority will coordinate interoperability of multiple NG9-1-1 systems, consistent with the Oklahoma 9-1-1 Management Authority Strategic Plan.

(d) PSAPs on the statewide solution must comply with cybersecurity requirements required by the Oklahoma 9-1-1 Management Authority's Strategic Plan.

(e) PSAPs' call handling solutions must meet or exceed guidelines listed in the Oklahoma 9-1-1 Management Authority

Strategic Plan.

(f) Failure to comply with the NG9-1-1 Strategic Plan may result in escrow of 9-1-1 fees, consistent with O.A.C. 145:17-7-2.

145:15-11-4. 9-1-1 call routing and responder requirements

(a) Local Public Safety Answering Points (PSAPs), whether legacy or NG9-1-1, shall provide timely and accurate information to telephone and 9-1-1 service providers to ensure 9-1-1 calls are routed correctly. These processes include the following:

- (1) PSAPs must promptly respond to information requested on Wireless Routing Sheets from wireless and VoIP providers.
- (2) PSAPs must investigate 9-1-1 calls that misroute by correcting data that the PSAP maintains or contacting the service provider that originated or routed the 9-1-1 call.
- (3) PSAPs must perform maintenance of the GeoMSAG.
- (4) PSAPs shall upload the GIS boundary layers to the Oklahoma NG9-1-1 GIS Repository on a quarterly basis.
- (5) PSAPs must create and maintain accurate Agency IDs, NGUIDs, and Service Uniform Resource Names (URNs) information in all required NG9-1-1 GIS layers and update the Oklahoma NG9-1-1 GIS Repository on a quarterly basis.
- (6) PSAPs must perform maintenance of the Master Street Address Guide (MSAG).
- (7) PSAPs must provide the correct responder information to the 9-1-1 service provider for English Language Translations (ELTs).
- (8) PSAPs must create Emergency Service Zones (ESZs) which are used by the 9-1-1 service providers to establish Emergency Service Numbers (ESNs) and maintain these zones when boundaries change.

(b) Failure to comply with these rules may result in escrow of 9-1-1 fees, consistent with O.A.C. 145:15-7-2.

Dear Members of the Oklahoma 911 Management Authority,

We are writing to provide feedback and express our perspective regarding the potential decision of considering pausing all state grant funding for Call Handling Equipment (CHE) procurement until the selection of Next Generation Core Services (NGCS) is finalized. While we understand the rationale behind this proposal, we believe it is vital to carefully evaluate the implications for both the long-term progress and immediate operational needs of Public Safety Answering Points (PSAPs) across the state.

The concern regarding Callworks' lack of a clear path for integration with NGCS is well-founded, particularly as several PSAPs rely on this system. It is critical to address these interoperability challenges to ensure seamless transitions to next-generation 911 services. However, a statewide funding freeze could inadvertently hinder PSAPs—especially smaller ones—that lack the resources to replace aging, end-of-life equipment.

A suspension of funding also risks undermining confidence in the process. Guidelines for grant funding this year have already been communicated to stakeholders, with clear application criteria and expectations. Reversing course now could create uncertainty and discourage future participation. Moreover, grant funds have recently been extended beyond core 911 systems to include projects like facility upgrades, consolidations, and equipment unrelated to call handling. While these are valuable initiatives, I urge the board to consider prioritizing CHE and call delivery systems as the foundation of 911 operations.

One potential solution could be to temporarily suspend awards for non-essential projects, such as brick-and-mortar improvements or furniture, rather than halting critical CHE funding. This approach would allow PSAPs with urgent needs to upgrade to i3-compliant, next-generation interoperable systems while ensuring compatibility with the eventual state-selected NGCS vendor.

INCOG's ongoing CHE procurement process exemplifies how regional PSAPs are proactively addressing compatibility concerns. The RFP explicitly requires any selected CHE to align with the state's future NGCS framework. This condition demonstrates that individual PSAPs can balance immediate operational needs with long-term interoperability requirements.

Furthermore, small PSAPs without significant funding sources would face immense challenges without grant support. These agencies rely on state grants to ensure their

systems meet modern standards, and freezing funding could leave them vulnerable to operational failures.

As a practical recommendation, we believe the state should continue to allow PSAPs to select their own CHE with the stipulation that it must meet i3 standards and demonstrate interoperability with the state's NGCS. This compromise ensures both fiscal responsibility and operational readiness while supporting smaller agencies that are in desperate need of funding to replace obsolete systems.

Thank you for your time and attention to this matter. We value the board's commitment to advancing 911 services in Oklahoma and would welcome the opportunity to provide further input as we work together to enhance public safety across the state.

Regional 911 Board



December 01, 2024

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Sincerely,

Stacey Pulley, Coordinator

Johnston County E911