



# **NOTICE and AGENDA for**

## **Kalamazoo County Consolidated Dispatch Authority**

### **Technical Advisory Committee**

### **February 2, 2026**

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**PLEASE TAKE NOTICE** that a SPECIAL Meeting of the Kalamazoo County Consolidated Dispatch Authority Technical Advisory Committee will be held on **Monday, February 2<sup>nd</sup>** at 8:30 a.m. in the Chief Switalski Meeting Room at Kalamazoo County Consolidated Dispatch Authority, 7040 Stadium Drive, Kalamazoo Michigan for consideration of items, namely, on this Agenda.

#### **ITEM 1 – CALL TO ORDER**

#### **ITEM 2 – ROLL CALL**

Michigan State Police <i>Scott Ernstes, Chairperson</i> (Alt. Dale Hinz)	Western Michigan University Public Safety <i>Scott Merlo, Vice-Chair</i> (Alt. Ryan McGregor)
Kalamazoo Department of Public Safety <i>Matt Huber</i> (Alt. Chris Franks)	Kalamazoo County Sheriff's Office <i>Richard Fuller</i> (Alt. Michelle Greenlee)
Township of Kalamazoo Police Department <i>Scott Jackson</i> (Alt. )	Portage Department of Public Safety <i>Matt Wofe</i> (Alt. Bryan Mayhew)
Kalamazoo County Medical Control Authority <i>Michael Bentley</i> (Alt. William Fales)	Kalamazoo County Fire Chief's Association <i>Gerry Luedecking</i> (Alt. Chip Everett)

#### **ITEM 3 – CITIZENS' TIME**

The Committee welcomes members of the public to express their ideas or concerns about issues affecting Kalamazoo County Consolidated Dispatch Authority. Members of the public wishing to speak are requested to stand and state their full name and address for the record. Each member of the public is limited to four minutes or less.

#### **ITEM 4 – FOR CONSIDERATION**

- A. Old Business
- B. New Business
  - 1. Radio Readiness Program Guidelines (Version 3) and Various Funding Options

#### **ITEM 5 – OTHER ITEMS**

- C. Announcements and Member Comments
- D. Next Regular Meeting – March 4, 2025

#### **ITEM 6 – ADJOURNMENT**

KCCDA meetings are open to all without regard to religion, race, color, national origin, sex, sexual orientation, gender identity or expression, height, weight, familial status, marital status, disability, or any other legally protected class. The KCCDA will provide special aid or assistance to attend a KCCDA meeting and will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio tapes of printed materials being considered at the meeting/hearing, to individuals with disabilities, upon four (4) business days' notice to the KCCDA. Individuals with disabilities requiring auxiliary aids or services should contact KCCDA by emailing [admin@kccda911.org](mailto:admin@kccda911.org) or calling (269) 488-8911.

## **KCCDA Radio Readiness Program – NEW Radio Cost Estimates**

*\*Cost estimates are provided by KCCDA. This list does not transpire to a vendor guaranteed cost\**

*\*\*Manufacturers are listed in alphabetical order\*\**

### **Radio Readiness Program Guidelines – Replacement Cost**

#### Law Enforcement Radios (Multi-Key Encryption):

Portable Radio	\$6,000
Mobile Radio	\$5,000
Mobile Radio w/remote head	\$5,300
Control/Base Station	\$4,500

#### Fire Departments and KCMCA Radios (Unencrypted)

Portable Radio	\$6,000
Mobile Radio	\$5,000
Mobile Radio w/remote head	\$5,300
Mobile Radio w/ dual remote heads	\$6,000
Control/Base Station	\$4,500

### **KENWOOD**

<i><u>Discipline</u></i>	<i><u>Radio Model</u></i>	<i><u>Type</u></i>	<i><u>Est. Cost</u></i>
Fire Departments & KCMCA	VP5000 w/battery & charger	Portable	\$1,904
	VP8000 Multi-Band w/battery & charger	Portable	
	VM5000	Mobile	\$2,554
	VM5000 w/remote head	Mobile w/RH	\$2,951
	VM5000 w/dual remote heads	Mobile w/2-RH	\$4,046
	VM5000 (less antenna system)	Control/Base	\$2,900

Law Enforcement	VP5000 w/battery & charger	Portable	\$2,642
	VM5000	Mobile	\$3,002
	VM5000 w/remote head	Mobile w/RH	\$3,399
	VM5000 (less antenna system)	Control/Base	\$3,368

## MOTOROLA

NOTE: Cost estimates include 7-year essential service warranty for all radios and code-plug request & programming

<i>Discipline</i>	<i>Radio Model</i>	<i>Type</i>	<i>Est. Cost</i>
Fire Departments & KCMCA	APX N50 Series	Portable	\$3,539
	APX 6000 Series	Portable	\$3,878
	APX 6000 XE Series	Portable	\$5,308
	APX N70 XE	Portable	\$5,655
	APX NEXT XE	Portable	\$7,384
	APX NEXT XN NFPA	Portable	\$8,371
	APX 4500 Enhanced	Mobile	\$3,654
	APX 6500 Enhanced	Mobile	\$4,455
	APX 6500 (mag antenna included)	Control/Base	\$4,758
	APX 4500 (mag antenna included)	Control/Base	\$3,855

Law Enforcement	APX N50 Series	Portable	\$4,705
	APX 6000 Series	Portable	\$5,052
	APX N70	Portable	\$6,049
	APX 6500 Enhanced	Mobile	\$5,750
	APX 4500 Enhanced	Mobile	\$4,921

## TAIT

NOTE: Cost estimates include Tait Assurance P25 3-Year Terminal w/warranty and code-plug request & programming

<i>Discipline</i>	<i>Radio Model</i>	<i>Type</i>	<i>Est. Cost</i>
Fire Departments & KCMCA	TP9600 w/charger & mic	Portable	\$2,683
	TP9800 Multi-Band w/charger & mic	Portable	\$3,544
	TM9400 w/Remote Head	Mobile w/RH	\$2,670
	TM9400 (mag antenna included)	Control/Base	\$3,776

Law Enforcement	TP9600 w/charger & mic	Portable	\$3,206
	TM9400 w/Remote Head	Mobile w/RH	\$3,305
	TM9400 (mag antenna included)	Control/Base	\$3,661



# Kalamazoo County Consolidated Dispatch Authority



**TO:** All Public Safety Agencies

**FROM:** Jeff Troyer, Executive Director

**DATE:** *TBD*

**SUBJECT:** Radio Readiness Program Guidelines

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In 2024, KCCDA was asked to develop a timeline and plan to accomplish two very important public safety radio communication goals in the coming years:

- Transition all Law Enforcement Agencies to AES encryption for primary dispatch communications to comply with CJIS requirements.
- Migration of Fire Departments and Kalamazoo County Medical Control Authority from the Fire VHF Simulcast System to the Kalamazoo MPSCS Subsystem for primary communications.

To accomplish these goals, KCCDA's Capital Improvement Plan (utilized for planning purposes and presented to the Finance Committee on October 28, 2025), designates \$8,000,000 across the next two years (2026 - \$4 million and 2027 - \$4 million) to assist end-user agencies become *Radio Ready*. The associated funding is a one-time assistance program/grant that each qualifying end-user agency (directly dispatched by KCCDA) has the option to participate or not. Administration shall track program expenditures, and the Executive Director shall terminate the program if all allocated funds are expended prior to December 31, 2027.

The following are guidelines for administering the radio readiness program:

## **I. DEVICE ELIGIBILITY**

The following are eligibility requirements for radio communication devices that fall within the scope of this program:

- A. The readiness program is based on the public safety radio inventory survey completed in 2024 and only applies to radios/devices directly attributable and dedicated to the delivery of 9-1-1 service within Kalamazoo County. This is further defined and permitted by the Michigan State 9-1-1 Committee's Allowable/Disallowable Usage of 9-1-1 fees list.

- B. Radios included in the 2024 survey but utilized by an agency for purposes other than section I (A) above, are not eligible for this program. For example – radios listed on the survey but not in-service, cache radios, etc.
- C. Law Enforcement radios must be capable of multi-key encryption; specifically, DES-OFB and AES.
- i. Radios not capable of multi-key encryption, are only eligible for “New Device” funding.
  - ii. Radios capable of DES-OFB and AES encryption, are eligible for “New Device” or “Reimbursement” funding.
  - iii. If an agency elects “Reimbursement” funding, the program monies must be utilized to ensure the radio is licensed and programmed with appropriate encryption levels and all other eligibility requirements.
- D. Fire and KCMCA radios must be capable of operating on the Kalamazoo MPSCS Subsystem.
- i. VHF single-band radios are only eligible for “New Device” funding.
  - ii. Radios capable of operating on the Kalamazoo MPSCS Subsystem, are eligible for “New Device” or “Reimbursement” funding.
  - iii. If an agency elects “Reimbursement” funding, the program monies must be utilized to ensure the radio is programmed with appropriate talkgroups to communicate with KCCDA on the Kalamazoo MPSCS Subsystem.
- E. Radios must be programmed with KCCDA Unified Communications Plan talkgroups in the primary dispatch zone.
- F. Radios eligible for reimbursement under Section III cannot be listed on the end-of-service/end-of-life list as determined by the MPSCS.
- G. Radio communication devices not included in the 2024 survey are not eligible for this program unless all the following are true:
- i. The radios were purchased after the survey was completed (proof of purchase required).
  - ii. The radios replaced other/older radios identified on the agency’s survey. Therefore, only one or the other are eligible (not both).
  - iii. The radios meet all other eligibility requirements of these guidelines.

## **II. RADIO REPLACEMENT COST(S)**

The radio readiness program budget is based on the following estimated radio replacement costs which include installation and any accessories. The replacement cost(s) are based on cost estimates obtained by KCCDA for public safety grade radios from multiple manufacturers and models.

### **A. Law Enforcement Radios (Multi-Key Encryption):**

Portable Radio	\$6,000
Mobile Radio	\$5,000
Mobile Radio w/remote head	\$5,300
Control/Base Station	\$4,500

### **B. Fire Departments and KCMCA Radios (Unencrypted)**

Portable Radio	\$6,000
Mobile Radio	\$5,000
Mobile Radio w/remote head	\$5,300
Mobile Radio w/ dual remote heads	\$6,000
Control/Base Station	\$4,500

## **OPTION 1**

### **III. RADIO COMMUNICATION DEVICE FUNDING**

KCCDA's Radio Readiness Program will cover the following costs for radios that meet all the eligibility requirements up to a maximum amount equal to the percentage listed multiplied by the estimated replacement cost in Section II-A and II-B above:

<b>Devices and/ or Purchase Date</b>	<b>Applicable Percent of Estimated Cost</b>
New Devices	KCCDA 75% (Agency Covers the Rest)
Devices Purchased 1/1/25 – 12/31/25	Reimburse 70%
Devices Purchased 1/1/24 – 12/31/24	Reimburse 65%
Devices Purchased 1/1/23 – 12/31/23	Reimburse 60%
Devices Purchased 1/1/22 – 12/31/22	Reimburse 55%
Devices Purchased 1/1/21 – 12/31/21	Reimburse 50%
Devices Purchased 1/1/20 – 12/31/20	Reimburse 45%
Devices Purchased 1/1/19 – 12/31/19	Reimburse 40%
Devices Purchased 1/1/18 – 12/31/18	Reimburse 35%
Devices Purchased 1/1/17 – 12/31/17	Reimburse 30%
Devices Purchased earlier than 12/31/16	Reimburse 25%

Reimbursement percentages shall only apply to costs actually incurred by the end-user agency minus any grant and/or endowment funds received in advance or part of a grant reimbursement program.

## ***OPTION 2***

### **III. RADIO COMMUNICATION DEVICE FUNDING**

KCCDA's Radio Readiness Program will cover the following costs for radios that meet all the eligibility requirements:

#### ***NEW DEVICES***

KCCDA will cover the cost of new devices up to the following maximum amount per unit:

<b>Type</b>	<b>Law</b>	
	<b>Enforcement</b>	<b>Fire/KCMCA</b>
Portable Radio	\$4,500	\$4,500
Mobile Radio	\$3,750	\$3,750
Mobile Radio w/remote head	\$3,975	\$3,975
Mobile Radio w/dual remote heads	\$4,500	\$4,500
Control/Base Station	\$3,750	\$3,750

Costs incurred by an agency for devices that exceed the above amount(s) are the agency's responsibility.

#### ***DEVICES PURCHASED BEFORE THE EFFECTIVE DATE OF THESE GUIDELINES***

KCCDA will reimburse eligible devices up to a maximum amount equal to the percentage listed in the table below multiplied by the estimated replacement cost in Section II-A and II-B.

<b>Devices and/ or Purchase Date</b>	<b>Applicable Percent of Estimated Cost</b>
Devices Purchased 1/1/25 – 12/31/25	Reimburse 70%
Devices Purchased 1/1/24 – 12/31/24	Reimburse 65%
Devices Purchased 1/1/23 – 12/31/23	Reimburse 60%
Devices Purchased 1/1/22 – 12/31/22	Reimburse 55%
Devices Purchased 1/1/21 – 12/31/21	Reimburse 50%
Devices Purchased 1/1/20 – 12/31/20	Reimburse 45%
Devices Purchased 1/1/19 – 12/31/19	Reimburse 40%
Devices Purchased 1/1/18 – 12/31/18	Reimburse 35%
Devices Purchased 1/1/17 – 12/31/17	Reimburse 30%
Devices Purchased earlier than 12/31/16	Reimburse 25%

Reimbursement percentages shall only apply to costs actually incurred by the end-user agency minus any grant and/or endowment funds received in advance or part of a grant reimbursement program.



### **OPTION 3**

#### **III. RADIO COMMUNICATION DEVICE FUNDING**

KCCDA's Radio Readiness Program will cover the following costs for radios that meet all the eligibility requirements:

##### **NEW DEVICES**

KCCDA will cover the cost of new devices up to the following maximum amount per unit:

<b>Type</b>	<b>Law</b>	
	<b>Enforcement</b>	<b>Fire/KCMCA</b>
Portable Radio	\$4,500	\$4,500
Mobile Radio	\$3,750	\$3,750
Mobile Radio w/remote head	\$3,975	\$3,975
Mobile Radio w/dual remote heads	\$4,500	\$4,500
Control/Base Station	\$3,750	\$3,750

Costs incurred by an agency for devices that exceed the above amount(s) are the agency's responsibility.

##### **DEVICES PURCHASED BEFORE THE EFFECTIVE DATE OF THESE GUIDELINES**

KCCDA will reimburse eligible devices according to the following table:

<b>Type</b>	<b>Law</b>	
	<b>Enforcement</b>	<b>Fire/KCMCA</b>
Portable Radio	\$2,700	\$2,700
Mobile Radio	\$2,250	\$2,250
Mobile Radio w/remote head	\$2,385	\$2,385
Mobile Radio w/dual remote heads	\$2,700	\$2,700
Control/Base Station	\$2,250	\$2,250

#### **IV. ADMINISTRATIVE**

KCCDA will work with each individual qualifying agency to determine which radio communication devices are eligible and the corresponding options/choices of funding based on the same. KCCDA will partner with the end-user agency and the agency's radio communications vendor for initial procurement of new devices, additional encryption licensing, and the templating processes for new and reimbursable devices.

Administration shall develop internal tracking forms for each agency and standard MOU's that must be executed prior to KCCDA funding being released to an end-user agency. All funding from KCCDA shall be paid directly to the end-user agency. No funding shall be released for new devices until a valid purchase order has been issued by the end-user agency or proof of purchase is provided for reimbursable devices.

The Executive Director shall be responsible for interpreting these guidelines. In the event there is a discrepancy, the Executive Director may seek guidance from the Technical Advisory Committee (TAC) but it is not required.

## Law Enforcement Agency

### 2024 Radio Survey

#	TYPE	BAND	QTY	MAKE	MODEL NAME	MODEL #	AES CAPABLE	RADIO READINESS PROGRAM: New or Reimbursement
1	Portable	700/800	46	Motorola	APX6000	H98UCF9PW6AN	YES	NEW
2	Mobile w/RH	700/800	3	Motorola	APX6500	M25URS9PW1AN	YES	REIMBURSE – Purchased 7/12/19
3	Mobile w/RH	700/800	9	Motorola	APX Mobile05	M25URS9PW1AN	YES	REIMBURSE – Pruchased 7/12/20

### OPTION 1: NEW = KCCDA 75% / Agency 25% & REIMB=KCCDA Tiered %

#	TYPE	BAND	QTY	MAKE	MODEL NAME	MODEL #	App %	Replacement Per Unit	Program Line-Item Total
1	Portable	700/800	46	Motorola	APX6000	H98UCF9PW6AN	75%	\$6,000	\$207,000
2	Mobile w/RH	700/800	3	Motorola	APX6500	M25URS9PW1AN	40%	\$5,300	\$6,360
3	Mobile w/RH	700/800	9	Motorola	APX Mobile05	M25URS9PW1AN	45%	\$5,300	\$21,465
PROGRAM ELIGIBILITY TOTAL:									\$234,825

Agency Receives **\$27,825** for “Reimbursed” Radios.

EXAMPLE 1 (Tait):

46 Tait TP9600

\$3,206 per unit = **\$147,476**

KCCDA 75% \$110,607 / LE Agency 25% \$36,869

EXAMPLE 2 (Motorola):

46 Moto APX 6000 Series

\$5,052 per unit = **\$232,392**

KCCDA 75% \$174,294 / LE Agency 25% \$58,098

## OPTION 2: NEW=KCCDA Flat \$ Amount / Agency Remainder & REIMB=KCCDA Tiered %

#	TYPE	BAND	QTY	MAKE	MODEL NAME	MODEL #	App %	Replacement Per Unit	Program Line-Item Total
1	Portable	700/800	46	Motorola	APX6000	H98UCF9PW6AN	75%	\$6,000	\$207,000
2	Mobile w/RH	700/800	3	Motorola	APX6500	M25URS9PW1AN	40%	\$5,300	\$6,360
3	Mobile w/RH	700/800	9	Motorola	APX Mobile05	M25URS9PW1AN	45%	\$5,300	\$21,465
PROGRAM ELIGIBILITY TOTAL:									\$234,825

Agency Receives **\$27,825** for “Reimbursed” Radios.

EXAMPLE 1:

46 Tait TP9600 \$3,206 per unit = **\$147,476** KCCDA \$147,476 / LE Agency \$0

EXAMPLE 2:

46 Moto APX 6000 Series \$5,052 per unit = **\$232,392** KCCDA \$207,000 / LE Agency \$25,392

## OPTION 3: NEW=KCCDA Flat \$ Amount / Agency Remainder & REIMB=KCCDA Flat \$ Amount

#	TYPE	BAND	QTY	MAKE	MODEL NAME	MODEL #	App %	Replacement Per Unit	Program Line-Item Total
1	Portable	700/800	46	Motorola	APX6000	H98UCF9PW6AN	75%	\$6,000	\$207,000
2	Mobile w/RH	700/800	3	Motorola	APX6500	M25URS9PW1AN		\$2,385	\$7,155
3	Mobile w/RH	700/800	9	Motorola	APX Mobile05	M25URS9PW1AN		\$2,385	\$21,465
PROGRAM ELIGIBILITY TOTAL:									\$234,825

Agency Receives **\$28,620** for “Reimbursed” Radios.

EXAMPLE 1:

46 Tait TP9600 \$3,206 per unit = **\$147,476** KCCDA \$147,476 / LE Agency \$0

EXAMPLE 2 (Motorola):

46 Moto APX 6000 Series \$5,052 per unit = **\$232,392** KCCDA \$207,000 / LE Agency \$25,392

## FIRE DEPARTMENT

### 2024 Radio Survey

#	TYPE	BAND	QTY	MAKE	MODEL NAME	MODEL #	RADIO READINESS PROGRAM: New or Reimbursement
1	Control/Base	VHF	3	Motorola	1500		NEW – Not eligible of Reimburse
2	Mobile	Dual-band	1	Kenwood	Unknown	VM8000	REIMBURSE – Purchased 8/23/21
3	Mobile	VHF	14	Motorola	1500		NEW – Not eligible of Reimburse
4	Portable	700/800	6	Motorola	APX6000		REIMBURSE – Purchased 2/7/23
5	Portable	VHF	33	Motorola	HT1250		NEW – Not eligible of Reimburse

### OPTION 1: NEW = KCCDA 75% / Agency 25% & REIMB=KCCDA Tiered %

#	TYPE	BAND	QTY	MAKE	MODEL NAME	MODEL #	App %	Replacement Per Unit	Program Line-Item Total
1	Control/Base	VHF	3	Motorola	1500		75%	\$6,000	\$13,500
2	Mobile	Dual-band	1	Kenwood	Unknown	VM8000	50%	\$5,000	\$2,500
3	Mobile	VHF	14	Motorola	1500		75%	\$5,000	\$52,500
4	Portable	800/700	6	Motorola	APX6000		60%	\$6,000	\$21,600
5	Portable	VHF	33	Motorola	HT1250		75%	\$6,000	\$148,500
PROGRAM ELIGIBILITY TOTAL:									\$238,600

Agency Receives **\$24,100** for “Reimbursed” Radios.

EXAMPLE:

3 Kenwood VM5000 \$2,900 per unit = **\$8,700**  
 14 Moto APX6000 \$3,878 per unit = **\$54,292**  
 33 Tait TP9600 \$2,683 per unit = **\$88,539**

KCCDA 75% \$6,525 / FD 25% \$2,175  
 KCCDA 75% \$40,719 / FD 25% \$13,573  
 KCCDA 75% \$66,405 / FD 25% \$22,134  
**Totals: KCCDA - \$113,376 / FD \$37,882**

## OPTION 2: NEW=KCCDA Flat \$ Amount / Agency Remainder & REIMB=KCCDA Tiered %

#	TYPE	BAND	QTY	MAKE	MODEL NAME	MODEL #	App %	Replacement Per Unit	Program Line-Item Total
1	Control/Base	VHF	3	Motorola	1500		75%	\$6,000	\$13,500
2	Mobile	Dual-band	1	Kenwood	Unknown	VM8000	50%	\$5,000	\$2,500
3	Mobile	VHF	14	Motorola	1500		75%	\$5,000	\$52,500
4	Portable	800/700	6	Motorola	APX6000		60%	\$6,000	\$21,600
5	Portable	VHF	33	Motorola	HT1250		75%	\$6,000	\$148,500
PROGRAM ELIGIBILITY TOTAL:									\$238,600

Agency Receives **\$24,100** for “Reimbursed” Radios.

EXAMPLE:

3	Kenwood VM5000	\$2,900 per unit = <b>\$8,700</b>	KCCDA \$8,700 / FD \$0
14	Moto APX6000	\$3,878 per unit = <b>\$54,292</b>	KCCDA \$52,500 / FD \$1,792
33	Tait TP9600	\$2,683 per unit = <b>\$88,539</b>	KCCDA \$88,539 / FD \$0
Totals: KCCDA - \$149,739 / FD \$1,792			

## OPTION 3: NEW=KCCDA Flat \$ Amount / Agency Remainder & REIMB=KCCDA Flat \$ Amount

#	TYPE	BAND	QTY	MAKE	MODEL NAME	MODEL #	App %	Replace/REIMB Per Unit	Program Line-Item Total
1	Control/Base	VHF	3	Motorola	1500		75%	\$6,000	\$13,500
2	Mobile	Dual-band	1	Kenwood	Unknown	VM8000		\$2,250	\$2,250
3	Mobile	VHF	14	Motorola	1500		75%	\$5,000	\$52,500
4	Portable	800/700	6	Motorola	APX6000			\$2,700	\$16,200
5	Portable	VHF	33	Motorola	HT1250		75%	\$6,000	\$148,500
PROGRAM ELIGIBILITY TOTAL:									\$232,950

Agency Receives **\$18,450** for “Reimbursed” Radios.

EXAMPLE:

3	Kenwood VM5000	\$2,900 per unit = <b>\$8,700</b>	KCCDA \$8,700 / FD \$0
14	Moto APX6000	\$3,878 per unit = <b>\$54,292</b>	KCCDA \$52,500 / FD \$1,792
33	Tait TP9600	\$2,683 per unit = <b>\$88,539</b>	KCCDA \$88,539 / FD \$0
Totals: KCCDA - \$149,739 / FD \$1,792			