







Interoperability Division



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Radio Programming

- <u>https://www.uca911.org/Radio-Programming-</u> <u>Division</u>
- Send a request to <u>Programming@uca911.org</u> with the Serial number ,flashport code (if applicable), and model number.
- A one time \$10.00 fee is assessed per subscriber to be programmed.
- The programming manager will schedule the date and time for the programming staff to respond.



Interoperability in Utah

- Six regions- North, Northeast, Salt Lake, Southcentral, Southeast, and Southwest.
- Each region has a designated group of interop talkgroups known as "Ops".
- For statewide access, the system currently has 16 Event talkgroups.



Interoperability in Utah Future



Purposed Region Map (8 Regions)







Current Interoperability Projects in Utah

- Utah and Colorado
- City of Price
- Sevier County



Colorado and Utah

- Colorado Office of Information Technology has accepted a loaner radio.
- The Utah radio will be placed in an area that the Utah system has mobile coverage.
- The Utah host radio will be connected to the Colorado system allowing Colorado consoles to patch to the equivalent Colorado interop talkgroup.
- Users in Utah will be able to hail Colorado PSAP's from the Southeast Region Channel in Utah.



COLORADO

Governor's Office of Information Technology



City of Price

- Price is in the process of migrating from VHF to the TRS.
- UCA has a ACU2000 patched to the Price Law TG.
- Carbon county is concluding the build out of the Kenwood NXDN system.
- County users will be NXDN with the City users on the UCA TRS.





Sevier County

- Sevier County is currently VHF.
- The county has recently contracted with Motorola to obtain approximately 210 radios.
- The migration will consist of a training of all disciplines.
- Teaching the PSAP to utilize talkgroups and view the conventional repeaters as a backup not primary use.





Current Fleetmap

- The present fleetmap is a descendent of the legacy conventional VHF repeater model. A single agency per repeater, where your radio has all of your neighbor's single repeaters programmed in your radio.
- Each user within the community or region they service have access to all surrounding agencies talkgroups.
- This presents a self dispatch model, where the user can monitor communications traffic without the receiving dispatch center being aware

ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	
RIVERTN PD	UPD OQURH	OPS 1	EVENT 1	8CALL90	
RIVERTN TAC	UPD WASTH	OPS 2	EVENT 2	8TAC91	
RIVERTN C2C	UPD SPL S	OPS 3	EVENT 3	8TAC92	
SERVICE	UPD MIDVL	OPS 4	EVENT 4	8TAC93	
HERRIMAN PD	UPD TAC 1	OPS 5	EVENT 5	8TAC94	
VECC C2C	SLCPD PN	OPS 6	EVENT 6	ST RPT 1	
DRAPER PD	SLCPD LTY	OPS 7	EVENT 7	ST RPT 2	
SJPD	UHP NO	OPS 8	EVENT 8	ST RPT 3	
UC LAW 1	UHP SO	OPS 9	EVENT 9	ST RPT 4	
WJPD1	FIRE 1	OPS 10	EVENT 10	ST RPT 5	
WJPD2	FIRE 4	NO RGN	EVENT 11	ST T/A 1	
SANDY PD	HERRIMN C2C	N E RGN	EVENT 12	ST T/A 2	
WVC PD D1	SSL PD	S W RGN	EVENT 13	ST T/A 3	
WVC PD D2	MURRAY PD	S C RGN	EVENT 14	ST T/A 4	
COTTONWD	LZ-1	S E RGN	EVENT 15	ST T/A 5	
SL RGN	LZ-2	SL RGN	EVENT 16	8CALL90D	



Future Fleetmap

- The purposed talkgroup layout would be designed by the agency's PSAP or Dispatch center. This would unify all disciplines to communicate on a path that is determined by the dispatch center they are dispatched by.
- The example below allows for agencies as they need to communicate with a neighboring jurisdiction to have the access and control locally, regionally, and statewide. This would also allow for the two PSAPs in Salt Lake County to leverage many paths to communicate as our communities grow and need more talkgroups.

ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6
SL LAW 1	SL SERVICE 1	SL TALK 1	SL REGION 1	EVENT 1	8 CALL 90 (linked to region it is located)
SL LAW 2	SL SERVICE 2	SL TALK 2	SL REGION 2	EVENT 2	8 CALL 90 D
SL LAW 3	LAW C2C 1	SL TALK 3	SL REGION 3	EVENT 3	8 TAC 91
SL LAW 4		SL TALK 4	SL REGION 4	EVENT 4	8 TAC 91 D
SLLAW 5		SL TALK 5	SL REGION 5	EVENT 5	8 TAC 92
SL LAW 6		SL TALK 6	SL REGION 6	EVENT 6	8 TAC 92 D
SL LAW 7		SL TALK 7	SL REGION 7	EVENT 7	8 TAC 93
SL LAW 8		SL TALK 8	SL REGION 8	EVENT 8	8 TAC 93 D
SL LAW 9		SL TALK 9	SL REGION 9	EVENT 9	8 TAC 94
SL LAW 10		SL TALK 10	SL REGION 10	EVENT 10	8 TAC 94 D
SL LAW 11		SL TALK 11	SL REGION 11	EVENT 11	7 CALL 50 (linked to region it is located)
SL LAW 12		SL TALK 12	NORTH REGION CALL (BE,CA,RI,WE,DA,MO)	EVENT 12	7 CALL 50 D
SL LAW 13		SL TALK 13	NORTH EAST REGION CALL (SU,DA,WA,DU,UI)	EVENT 13	7 TAC 51
SL LAW 14		SL TALK 14	SOUTH WEST REGION CALL (JU,MI,BV,IR,WA)	EVENT 14	7 TAC 51 D
SL LAW 15		SL TALK 15	SOUTH CENTRAL REGION CALL (UT,SP,SV,PI,WY,GF,KN)	EVENT 15	7 TAC 52
SL RGN	SL RGN	SL RGN	SL REGION CALL (TO,SL)	SL RGN	SL RGN









Training

- <u>https://www.uca911.org/file/4f937e69-5108-4613-9c68-df1b088d2381</u>
- Each Quarter Uca conducts several trainings.

 Within each quarter the Programming Manager hosts a subscriber training. The intent is to educate the users of the basic functionality of subscribers regardless of manufacture.

• The Interoperability Division Director hosts an interoperability training. The training is focused on how to access the state of Utah's interoperable talk groups both regionally and statewide. This training has several exercises allowing the attendee to interact.



https://www.uca911.org/Radio-Programming-Division

For subscriber programming please contact programming@uca911.org

Daniel Dialogue 801-828-6118 ddialogue@uca911.org Manager

Programming

James Baker 385-522-9530 jbaker@uca911.org Director

Interoperability

