



Emergency Communication Networks Program Updates

Notes from Director

- ECN Program Managers are spending a lot of time on the road both in MN and outstate networking with our peers on a national level staying abreast with public safety emergency communication networks technologies.
- John has traveled extensively throughout the state, performing education and outreach for IPAWs, not only with our PSAP community, but also with our private partners in TV/Cable/Radio broadcasting as well. We will continue to foster this public-private partnership in an effort to continually improve Early Alert and Warning Notification across Minnesota.
- Jim and Dana attended the NCSWIC/SAFECOM meetings in Portland, and Melinda and Dana, along with Dave Thomson (SE) and Steve Olson (NE) attended PSCR Stakeholder meetings in San Diego. Dan Craigie represented us at both NASNA and NENA in Nashville, presenting with the Interstate Playbook Group at NENA.
- We are fortunate these folks are willing to increase their workload beyond their many day to day responsibilities to participate in and contribute toward these national initiatives. It is so encouraging to hear all of the positive feedback we hear from others across the nation on how well we operate in the State of Minnesota. The partnership we have between and amongst our public safety partners in MN is second to none and is admired by others. Thanks to all of you for contributions toward developing MN as a model of excellence.
- The Text-to-911 Statewide Implementation Project was selected for recognition as part of the 2018 State Government Innovation Awards. The ECN text to 9-1-1 team will be recognized at a ceremony and reception at the MN Department of History on August 9th.
- Dave Denton, one of our 911 Program Analysts who is also an Army Reservist will be leaving us soon for an approximate three month overseas military deployment to Stuttgart Germany. He will be working as a Deputy Facilities Manager for US European Command (EUCOM) J2 in a joint environment with the Army, Navy, Air Force and Marines. Dave works most closely with our multiple MN carriers with network, contracts, and billing matters. His duties will be shared amongst other ECN staff during his absence. He will be missed!



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NG 9-1-1

GIS

- Each County is at different points in their GIS data collection and remediation. You can find status maps for every county on ECN's website under '911 Program' and 'GIS Information.' The successful completion of this first phase (data collection and remediation) is critical for NG911 implementation. ECN will be making this a priority through 2018 and into 2019 as no other project or initiative is as important as a solid statewide GIS dataset for 9-1-1.

Text to 911

- 17 counties now operational (Isanti & Mayo newly onboard) PSAPs continue to express interest in accepting texts, please send any questions or intentions to Dustin Leslie.
- By the end of this year, each PSAP needs to either take their own texts, or have a plan in place with another PSAP. A draft MOU has been provided by our office as a way to extend the current agreements. Suggested costs are also included, but it will be up to each individual PSAP to negotiate. Ultimate goal is to have every PSAP in MN text-enabled by 2020, but it's also important to keep in mind that some counties are receiving zero texts from their citizens, so perhaps an expensive hardware/software upgrade is not necessary. Discussion to continue.

COOP Plans

- If your COOP has not yet been completed and/or sent in, an email request for a formal extension is required. COOPs and extension requests can go to Cathy Anderson at ECN.
- To date, out of the 102 PSAPs, there have been 64 COOPs submitted, 14 extensions requested, and 24 no responses. While we understand this is a daunting task, it is a vital one. Several had mentioned that your PSAP never had any kind of plan in the past and indicated it was a good thing to get started on. One PSAP stated they already had an emergency happen at their PSAP, so the understanding about what needed to go into their Plan was actually a bit easier because of their experience.

Firewall Project

- Progress continues with the implementation phase. The Airport PSAP is targeted as our first live set and initial discussions & configuration decisions are occurring. Acceptance Test Plan document will be shared with NG911 Technical Workgroup for comments.



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ARMER

ARMER Software Updates

- State is currently in a five-year contract with Motorola for software and maintenance. This contract runs through 2021 and will bring ARMER from version 7.15 to 7.19.
- Motorola disclosing little about future software versions beyond 7.19.
- Motorola has presented a new five-year contract to move beyond 7.19 that appears out of our financial reach.
- ECN, MnDOT, and Motorola meeting in late June to further explore Motorola's offer.
- The Steering Committee has reviewed ECN's proposed items for the Strategic Planning and has authorized ECN to have detailed conversations with applicable SECB Committees.

Federal & non-911 Response Entity Participation

- The Steering Committee has accepted a report by Rey Freeman Communications Consulting regarding Federal and Non-911 Response Entities Use of ARMER.
- The Steering Committee directed ECN to ask DPS Legal Counsel for a legal opinion about whether 911 funds could legally be used to support communications for federal entities.
- The Steering Committee will continue to review this topic when a response is received from Counsel.

Radio IDs, Talkgroup IDs, System Administrators, & Agency Contact Persons

- Inconsistencies found between OTC approved ID counts and actual ID counts.
- Some agency contact and System Administrator info out of date.
- ECN working with MnDOT to create shared tools for tracking above items.

Interoperability

Border State Interoperability

- Mixed methods and varying degrees of interoperability between Minnesota counties and their neighboring counties in other states (or Canada).
- Interoperable technology options typically exist.
- Understanding, exercising, and use of the technological tools sometimes nonexistent.
- Completed and present a proposal for interoperability SOPs between Wabasha County, Buffalo County, WI, and US Army Corps of Engineers.
- Presently working with Kittson and Pembina County, ND.
- Intend to work with Winona County, Buffalo County, WI, and US Army Corps of Engineers next.



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Regional Interoperability Coordinators (RICs)

- Desire 2 RICs – one north and one south
- RFP held up in DPS Admin

2018 Public Safety Communications Conference

- Feedback from 2018 conference was good.
- Developing conference planning topics for 2019 conference.
- Would like each region to assist in conference planning by “owning” a conference planning topic. More to come on this.

Historical INCM, INTD, and RADO Classes

- Students of DHS Incident Communications Manager (INCM), Incident Tactical Dispatcher (INTD), and Radio Operator (RADO) classes taken before Minnesota recognized these positions were notified by email that they have three years from Minnesota’s recognition of these positions to complete a Position Task Book and seek recognition, regardless of when they completed the coursework.

New COMU Personnel

- Jon Turk (Rochester PD) – COML
- Troy Tretter (MESB) – COMT

Communications Unit (COMU) Subcommittee Updates

- Approved syncing of expiration dates for persons with multiple positions (e.g. COMT & COML).
- Renewed Scott Huppert’s COML (Hennepin County EMS)
- Approved accepting historical INTD training as eligible for state Incident Tactical Dispatcher recognition. Needs Interop Cmte approval.
- Approved AECS Position Task Book for Amateur Emergency Communications Specialists with AUXCOMM training. First in nation; model for other states and DHS OEC to follow. Needs Interop Cmte approval.
- Working on updates to Standard 3.17.4 (Event and Exercise Communications Planning). Will go to Standards Work Group when ready.

Strategic Technology Reserve (STR) Subcommittee Updates

- Finalizing the project in which realtor-style combination lockboxes were required to be added to each STR tower. One region remains but is committed to completion.
- Examining the eligible use of STR maintenance funds. Have asked each region to provide a high-level accounting of how they spent the \$12,500 issued in 2011 for STR maintenance and for the remaining balance.



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- Reviewing the multiple STR standards and drafting a new consolidated STR standard. Will need approval by Interop Cmte and SECB to enact.
- Commenced conversations about the STR lifespans and lifecycles.

Wireless Broadband / FirstNet

- Procurement News
 - o Verizon is currently updating their state contract with the Dept. of Administration and they are forecasting a July 1st date that their new public safety rates.
 - o The contract for FirstNet built with AT&T has been signed by the Department of Administration on April 27th, 2018. Cooperative Purchasing Venture members can utilize the state contract to purchase services.
- List of Certified Devices from FirstNet.gov:

Device Model	FCC ID	Date of Entry	Comments
Galaxy S9 (SM-G960U)	A3LSMG960U	4/5/2018	Smartphone
Galaxy S9+ (SM-G965U)	A3LSMG965U	4/5/2018	Smartphone
MR1100-330	PY317200378	4/5/2018	Hotspot
Sonim XP8 (XP8800)	WYPPG4032	4/5/2018	Rugged Handheld
Sonim XP5s (XP5800)	WYPPG2132	4/5/2018	Rugged Handheld
iPhone 6S (A1633)	BCG-E2946A	4/5/2018	Smartphone
iPhone 6S Plus (A1634)	BCG-E2944A	4/5/2018	Smartphone
iPhone 7 (A1778)	BCG-E3091A	4/5/2018	Smartphone
iPhone 7 Plus (A1784)	BCG-E3092A	4/5/2018	Smartphone
iPhone 8 (A1905)	BCG-E3172A	4/5/2018	Smartphone
iPhone 8 Plus (A1897)	BCG-E3174A	4/5/2018	Smartphone
iPhone X (A1901)	BCG-E3175A	4/5/2018	Smartphone
iPad (9.7 inch) (A1954)	BCGA1954	4/5/2018	Tablet
iPad Pro (9.7 inch) (A1674)	BCGA1674	4/5/2018	Tablet
Galaxy S8 Active (SM-G892A)	A3LSMG892A	4/5/2018	Smartphone
Galaxy S8 (SM-G950U)	A3LSMG950U	4/5/2018	Smartphone
Galaxy S8+ (SM-G955U)	A3LSMG955U	4/5/2018	Smartphone
iPad Mini 4 (A1550)	BCGA1550	6/7/2018	Tablet
iPad Air 2 (A1567)	BCGA1567	6/7/2018	Tablet
iPad Pro (12.9 in) (A1652)	BCGA1652	6/7/2018	Tablet
iPad Pro (12.9 in) 2nd Gen (A1671)	BCGA1671	6/7/2018	Tablet
iPad Pro (10.5 inch) (A1709)	BCGA1709	6/7/2018	Tablet
iPad Pro 5th Gen (A1823)	BCGA1823	6/7/2018	Tablet



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Device Model	FCC ID	Date of Entry	Comments
iPhone 6 Plus (A1522)	BCG-E2817A	6/7/2018	Smartphone
iPhone 6 (A1549)	BCG-E2816A	6/7/2018	Smartphone
iPhone SE (A1662)	BCG-E2945A	6/7/2018	Smartphone
Moto G6 Play (XT-1922)	IHDT56XB1	6/7/2018	Smartphone
Galaxy Note 8 (SM-N950U)	A3LSM950U	6/7/2018	Smartphone
Galaxy J3 (SM-J337A)	A3LSMJ337A	6/7/2018	Smartphone
V35 ThinQ (LM-V350AWM)	ZNFV350A	6/7/2018	Smartphone
BlackBerry KEYone (BBB100-1)	2ACCJN016	6/7/2018	Smartphone

- Workbook guidance and generic application toolbox details have been added to the DPS-ECN website to help evaluate cellular service for your agency. Suggestions for improvements can be made by contacting Program Manager, Melinda Miller (Melinda.Miller@state.mn.us), or 651-201-7554.

IPAWS

Training Events

- Public Alerting Authority Best Practices Workshop; Training is available for PSAP, Emergency Management, personnel. It is customized to your system to send out alerts and provide guidance on operating guidelines.

Testing

- Weekly alert system testing is recommended to keep proficiency. Who is testing on a regular schedule?:
 - o Anoka
 - o Cottonwood
 - o Douglas
 - o Hennepin
 - o Jackson
 - o McLeod
 - o Mille Lacs
 - o Nobles
 - o Rice-Steel
 - o Renville
 - o Rochester (Olmsted)
 - o Scott



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- Stevens
 - Red River Dispatch Center (Moorhead/Fargo)
 - DPS (both the BCA and HSEM they also share sending out the coordinated monthly test)
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- An exercise was held in conjunction with Stevens County on June 18th.
 - What was our objective: To perform a “Live Code” (CDW) test through the IPAWS system to:
 1. How far a message sent by WEA would be received beyond its intended target area. – Amount of feedback from public indicated less than 15% of the message was received outside the Morris area.
 2. See how EAS participants have followed the State EAS plan. – About a 50% return rate on who ran the alert (reminder it is “totally Voluntary” below the Presidential alert level for them to run the alert).
 3. Solicit feedback from the public on the message (via survey). – 236 respondents to the survey mostly positive feedback on the test alert.
 - More information will be published in a final After Action Report by the end of the summer.

Grants

- For current grants, our 2017 SECB grant is coming to a close on 6/30. I still have payment requests to approve but we are on track to have a smooth close out. The current 2017 SHSP grant is at the halfway point of its term. Proof of progress for every project from each region is due July 1st. All leftover funds from projects that cannot be finished will be reallocated to other projects that the regions will send in applications for.
- For future grants, we are currently in the application process for the next 2019 SECB grant. Applications from the regions are due July 6th. The Grants Workgroup will be holding a conference call to approve projects on July 13th. The main priorities for this grant are GIS work, Training and Exercises, and ARMER equipment. For next year’s 2018 SHSP grant, there is less funding available. HSEM will no longer allocate any funding for Equipment. We will only be allotted \$175,000 for training and exercises. This means that each region will likely receive \$25,000 for training and exercises and nothing else.
- If you have any questions regarding grants, please reach out to your regional grant administrator.



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- Visit our website to, sign up for, or manage what communications you currently receive from us. <http://ecn.dps.mn.gov>