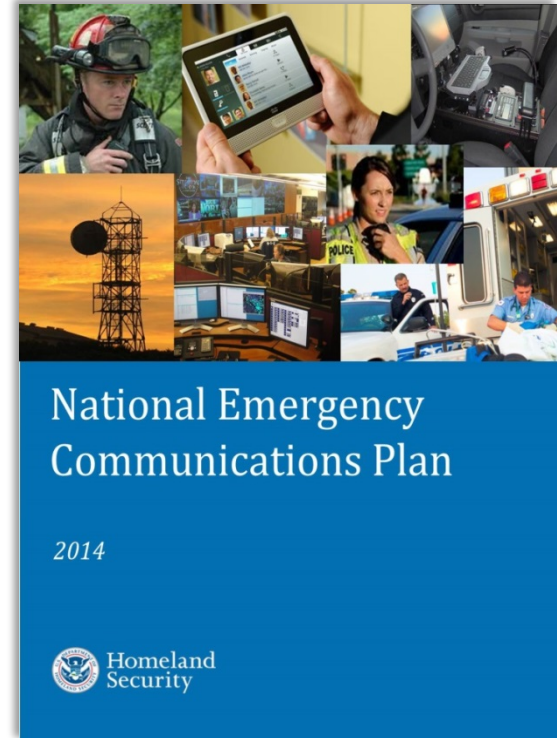


# National Emergency Communications Plan (NECP)

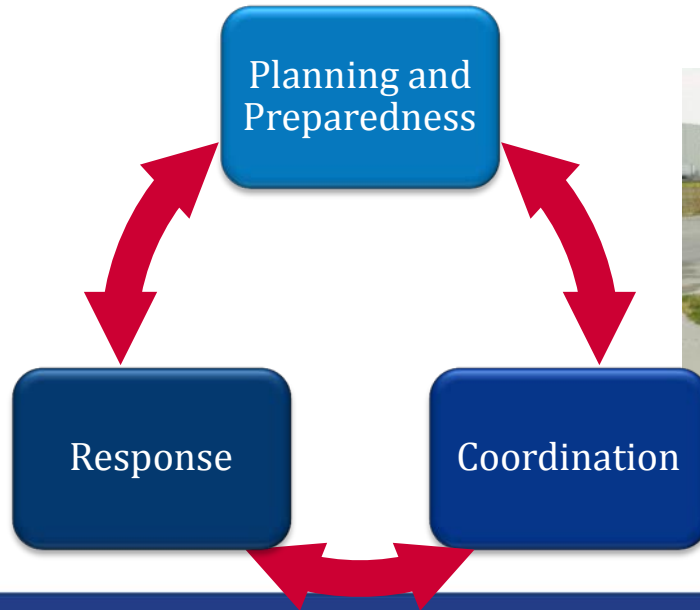
APCO Emerging Technology Forum  
March 10, 2015

Chris Essid  
Deputy Director  
Office of Emergency Communications



# OEC's Mission

OEC supports and promotes communications capabilities used by emergency responders and government officials to keep America safe, secure, and resilient



# OEC State, Local, Territorial & Tribal Partnerships

OEC works closely with national public safety and intergovernmental associations representing:

- Police
- Fire
- Emergency Managers
- Governors
- County, City Executives

In addition, OEC provides support to the following public safety groups:

- SAFECOM
- NCSWIC



# Statewide Interoperability Coordinators

OEC partners with Statewide Interoperability Coordinators (SWICs) to help advance communications capabilities at the state level.

Responsibilities include:

- Statewide Plan program management
- Outreach
- Grants coordination
- Policy development
- Measurement



OEC also participates in the National Council of Statewide Interoperability Coordinators, which provides a forum for SWIC collaboration and improved coordination across States.

# Regional Coordination Resources

**Rick Andreano**, [richard.andreano@hq.dhs.gov](mailto:richard.andreano@hq.dhs.gov)  
(Focus: Conn., Mass., Maine, N.H., R.I., Vt.)

**Ken Born**, [kenneth.born@hq.dhs.gov](mailto:kenneth.born@hq.dhs.gov)  
(Focus: Ark., La., N.M., Okla., Texas)

**Dan Hawkins**, [daniel.hawkins@hq.dhs.gov](mailto:daniel.hawkins@hq.dhs.gov)  
(Focus: Colo., Mont., N.D., S.D., Utah, Wyo.)

**Jim Jarvis**, [james.jarvis@hq.dhs.gov](mailto:james.jarvis@hq.dhs.gov)  
(Focus: Ill., Ind., Mich., Minn., Ohio, Wisc.)

**Tom Lawless**, [thomas.lawless@hq.dhs.gov](mailto:thomas.lawless@hq.dhs.gov)  
(Focus: Ariz., Calif., Hawaii, Nev., American Samoa, Guam, Northern Mariana Islands)

**Robert “Bob” Lee**, [robert.w.lee@hq.dhs.gov](mailto:robert.w.lee@hq.dhs.gov)  
(Focus: NORTHCOM, Defense Dept.)

**Jim Lundsted**, [james.lundsted@hq.dhs.gov](mailto:james.lundsted@hq.dhs.gov)  
(Focus: Iowa, Kan., Mo., Neb.)

**John MacLean**, [john.maclean@hq.dhs.gov](mailto:john.maclean@hq.dhs.gov)  
(Focus: Non-Governmental Organizations)

**John McClain**, [john.mcclain@hq.dhs.gov](mailto:john.mcclain@hq.dhs.gov)  
(Focus: Critical Infrastructure Sectors)

**Marty McClain**, [marty.mcclain@hq.dhs.gov](mailto:marty.mcclain@hq.dhs.gov)  
(Focus: D.C., Penn., Del., Va, W.Va, Md)

**Pam Montanari**, [pam.montanari@hq.dhs.gov](mailto:pam.montanari@hq.dhs.gov)  
(Focus: Ala., Fla., Ga., Miss.)

**Bruce Richter**, [bruce.richter@hq.dhs.gov](mailto:bruce.richter@hq.dhs.gov)  
(Focus: Alaska, Idaho, Ore., Wash.)

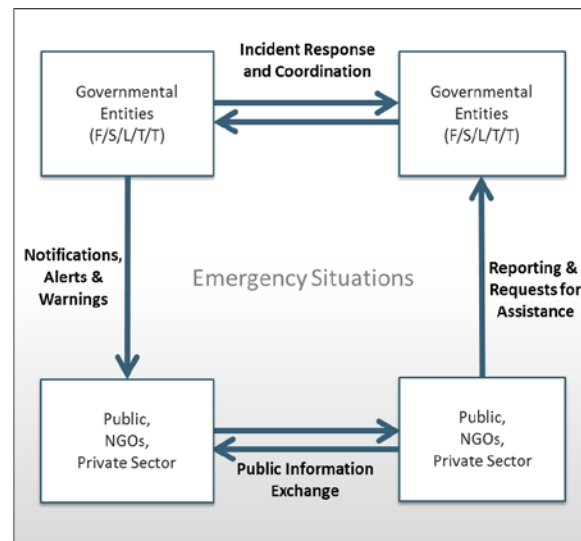
**Chris Tuttle**, [christopher.tuttle@hq.dhs.gov](mailto:christopher.tuttle@hq.dhs.gov)  
(Focus: N.J., N.Y., Puerto Rico, Virgin Islands)

# The Evolving Operating Environment

The NECP identifies emergency communications systems, functions, and stakeholders as becoming more interconnected:

- Greater emphasis on “whole community;” recent events show more disciplines are being integrated into emergency response
- IP-based technologies are transforming the content and flow of communications and information during incident response
- Modernization of communications and information systems (i.e., NPSBN, NG911, Alerts & Warnings) is changing

## Emergency Communications Ecosystem



## Communications During Emergencies (with or without warning)





Governmental Agencies  
(Federal, State, Local, Tribal, Territorial)

Notifications,  
Alerts & Warnings



Public, NGOs, Private Sector

Incident Response and Coordination



Public Information Exchange



Governmental Agencies  
(Federal, State, Local, Tribal, Territorial)

Reporting, &  
Requests for  
Assistance



Public, NGOs, Private Sector

# The Future of First Responder Communications

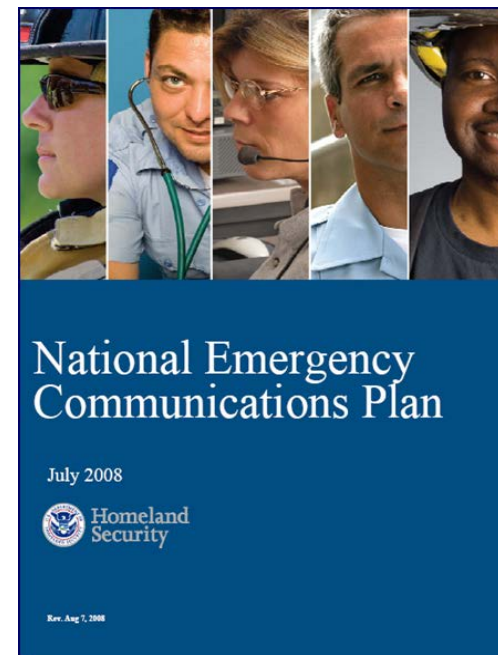




# Factors Prompting the 2014 NECP Update

Several factors prompted the need for a revised NECP:

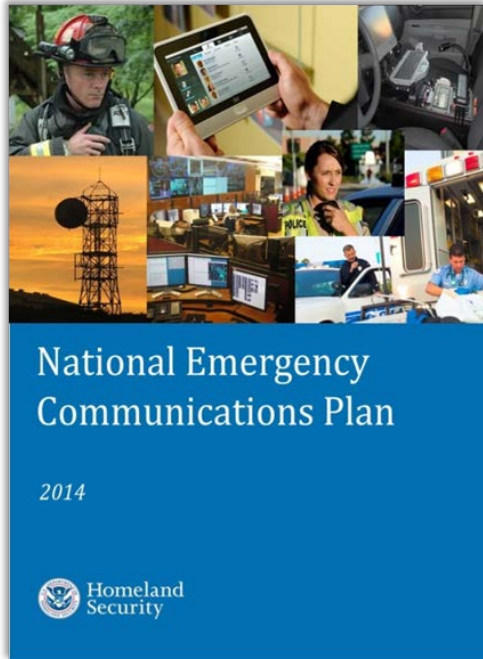
- Since 2008, there have been significant changes to the emergency communications landscape:
  - New technologies (e.g., broadband, social media, mobile apps, NG911)
  - New policies (e.g. PPD-8 emphasis on whole community; NPSBN legislation)
  - Additional emergency communications organizations and stakeholders
- Updates and maintenance to LMR systems



## OEC's Approach to the NECP Development



# 2014 NECP – Strategic Goals



## **Goal 1:**

Governance & Leadership

## **Goal 2:**

Planning & Procedures

## **Goal 3:**

Training & Exercises

## **Goal 4:**

Operational Coordination

## **Goal 5:**

Research & Development

# NECP Recommendations – What It Means For You

## Governance & Leadership

- ✓ Update governance structures
- ✓ Explore Federal emergency communications grants

## Planning and Procedures

- ✓ Develop SOPs for new technologies and processes (e.g., social media, updated NIFOG)
- ✓ Ensure SOPs reflect current use of priority telecommunications services
- ✓ Coordinate with entities across the emergency response community to develop SOPs





# NECP Recommendations – What It Means For You

## Training & Exercises

- ✓ Identify opportunities to integrate with public sector communications stakeholders for training and exercises

## Operational Coordination

- ✓ Enhance jurisdictions' ability to request communications assets during operations
- ✓ Ensure inventories of emergency communication resources are updated
- ✓ Ensure Public Safety Answering Points support dispatch Communications





# NECP Recommendations – What It Means For You

## Research & Development

- ✓ Cultivate an innovative marketplace for applications and technologies through the use of public and private partnerships
- ✓ Increase use and awareness of the Project 25 Compliance Assessment Program
- ✓ Continue to support Project 25 standards development for interoperability



# NECP Implementation Programs & Activities

Implementation will be conducted in coordination with stakeholders through various OEC and other DHS programs and activities

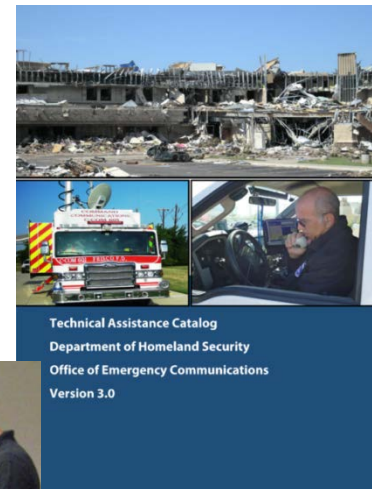
- **Governance guidance** – Update State bodies, improve coordination with other entities (e.g. 911 Boards), ECPC coordination with FirstNet
- **Grants** – Drive implementation of NECP priorities and recommendations through DHS grant guidance (e.g. SAFECOM)
- **State Planning workshops** – Support updates to SCIPs for broadband and maintaining LMR
- **Technical Assistance** – Broadband planning support for NPSBN, NG-911 planning, dispatch operations, COOP workshops
- **OEC Tools and Services** – CASM, PSTools database, COML tracking, virtual training opportunities
- **Measurement/Assessments** – Leverage processes, relationships, and foundations established under first NECP

# OEC Provides Targeted Technical Assistance

**State-Requested Technical Assistance (TA)** – States and Territories can request OEC services to strengthen their Statewide Communications Interoperability Plan (SCIP)

**OEC National Priorities** – In order to address priorities identified each year, special technical assistance is offered to address a specific capability or stakeholder group (e.g., NECP Goal support, broadband planning, future needs)

**Automated Tools** – OEC provides access to specially designed web-based tools at:  
<http://www.publicsafetytools.info/>



# OEC Provides Targeted Technical Assistance

## Communications Unit (COMU) Training

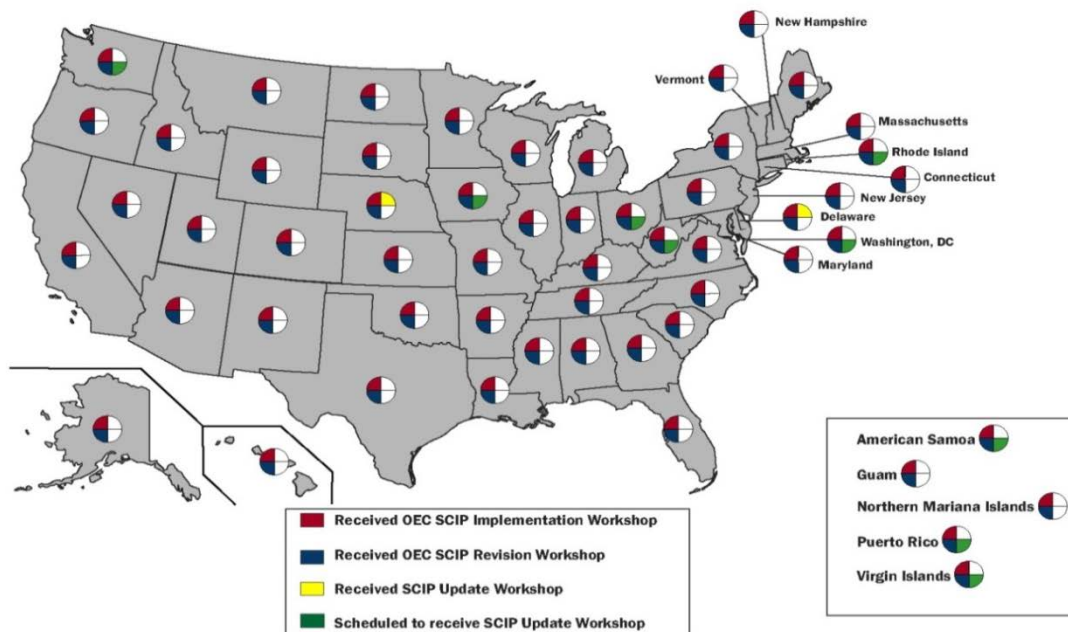
- To date, OEC has trained over 5,000 communications unit members nationwide
- We will continue to provide this vital training to keep emergency communications moving forward

Training Type	Students Trained	Number of Workshops
Auxiliary Communications (AUXCOMM)	1051	54
Communications Unit Leader	2967	148
Communications Unit Leader Train the Trainer	142	18
Communications Technician (COMT)	1306	97
COMT Train the Trainer	56	11
State-Sponsored AUXCOMM	48	2
State-Sponsored COMT	168	12

# OEC Programs to Support NECP Implementation

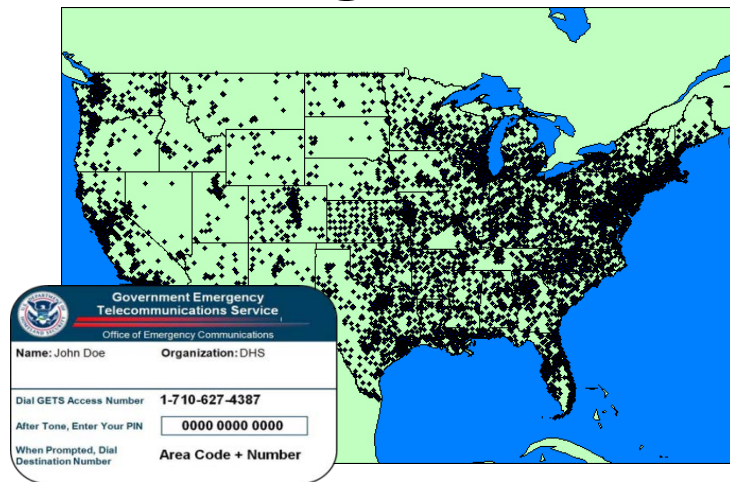
## Statewide Communication Interoperability Plan (SCIP) Revisions

- OEC will work with States and territories to update SCIPs to include broadband, alerts and warnings and NG 9-1-1
- Many state interoperability executive boards are expanding to include FirstNet Single Points of Contact, IT support, cybersecurity, and the 9-1-1 community



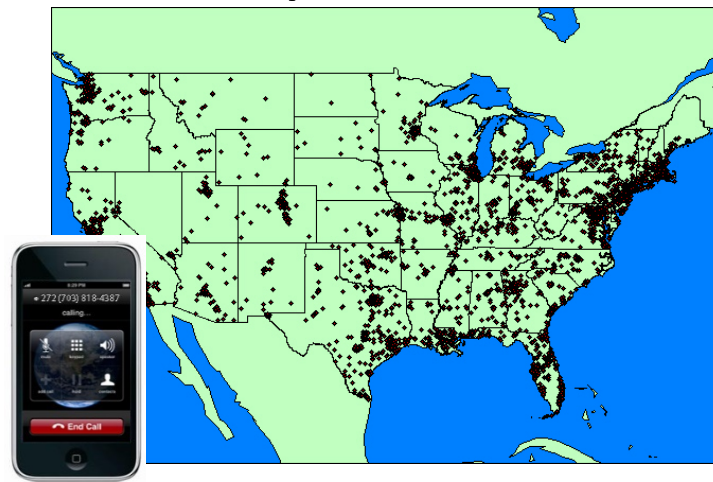


# OEC Programs to Support NECP Implementation



**9,905 POCs/Organizations**

- 318,500+ total GETS cards



**3,785 POCs/Organizations**

- 122,600+ total WPS phones

# OEC Priority Telecommunications Services

Priority Services programs provide NS/EP and public safety users the ability to communicate on telecommunications networks during times of congestion.

- Government Emergency Telecommunications Service (GETS)
- Wireless Priority Service (WPS)
- Telecommunications Service Priority (TSP)
- Next Generation Network Priority Services (NGN-PS)



# Questions?



# Homeland Security