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What is “Interoperability”? 

- Ability of emergency response officials to share information via voice and data signals on demand, in real time, when needed, and as authorized.
What tools do we have?

Operational and Technical SME

Right tool for the job?
Welcome To SAFECOM

Through collaboration with emergency responders and policymakers across all levels of government, SAFECOM works to improve multi-jurisdictional and intergovernmental communications interoperability. The SAFECOM Executive Committee (EC) and SAFECOM Emergency Response Council (ERC) work with existing Federal communications programs and key emergency response stakeholders to address the need to develop better technologies and processes for the multi-jurisdictional and cross-disciplinary coordination of existing communications systems and future networks.

The SAFECOM EC and ERC, managed by the U.S. Department of Homeland Security Office of Emergency Communications (OEC) and Office for Interoperability and Compatibility (OIC), have been instrumental in the creation of key documents such as the Interoperability Continuum, the Statement of Requirements (S0R), the Statewide Communication Interoperability Plan (SCIP) Methodology, and the National Emergency Communications Plan (NECP) to assist emergency responders nationwide in improving communications and interoperability.

This website provides members of the emergency response community and other constituents with information and resources to help them meet their communications and interoperability needs. It offers comprehensive information on topics relevant to emergency response communications and features best practices that have evolved from real-world situations.

We invite you to visit the site often for updates and additional information. In order to ensure that the SAFECOM EC and ERC remain forward-looking – based on the front-line knowledge of those who are impacted the most by communications issues affecting emergency response – we ask that you provide questions and feedback to us through the link below.

E-mail questions to OEC
National Interoperability Field Operations Guide (NIFOG)

- Reference guide for Communications personnel and planners.
- Lists all Interoperable frequencies and usage.
Technology

- There is no “super’ or “Gold Plated Radio”
State of Florida Interoperable Communications Systems

- Florida Interoperability Network (FIN)
- State Law Enforcement Radio System (SLERS)
- Mutual Aid Build out
- Emergency Deployable Interoperable Communications System (EDICS)
- Emergency Deployable Wide Area Remote Data System (EDWARDS)
- Mutual Aid Radio Cache (MARC)
Voice over IP (Voip) based gateway system
  ◦ 200+ Sites
    • Counties PSAP
    • Local LE, Fire, EMS
    • Federal Agencies
    • State Agencies

Any radio or device on the “cloud” can access any other device.

“Blue Skies” every day use.
FIN – Network Overview
FIN – System Talkpaths Dispatch to Dispatch

County A Dispatcher

WSGU

IP Network

County B Dispatcher

WSGU
FIN – System Talkpaths Dispatch to Radio
FIN – System Talkpaths
Radio – to – Radio

County A Fire Dept

RGU

IP Network

County B Fire Dept

RGU

- FLORIDA INTEROPERABILITY -
FIN – System Talkpaths Conference

County C Dispatcher

County D Dispatcher

County E Dispatcher

County A Dispatcher

County B Dispatcher
State Law Enforcement Radio System (SLERS)

- 200+ Site 700/800mhz Statewide Radio System
- Over 17,500 subscribers
- Open to State Law Enforcement, and 3rd Party subscribers.
  - County EM’s may apply as a ‘Mutual Aid’ user.
MA-CALL, TAC-1 have statewide presence as part of SLERS.
- Responders needed an additional capacity to coordinate on ‘Conventional’ mutual aid channels
  - 8TAC92
  - 8TAC93
  - 8TAC94
  - VCALL10
  - VTAC11
Emergency Deployable Interoperable Communications System (EDICS)

First State with Tactical Interoperability
Emergency Deployable Interoperable Communications System (EDICS)

- Tactical communications system gateway to “bridge” disparate systems together.
  - Range 2 – 5 miles
  - 1 – 2 hour setup time
Emergency Deployable Interoperable Communications System (EDICS)

- VHF–low band – 2 each
- VHF–high band – 2 each
- VHF–Aircraft
- UHF low band
- UHF high band – 2 each
- Satellite System (MSAT)
- Digital Cellular
- NexTel
- 800MHz Trunked Type I, II/IIA, EDACS, and LTR (4)
- FIN Connectivity
Emergency Deployable Wide Area Remote Data System (EDWARDS)

Provides a Wireless Mesh ‘Cloud’

36 phone lines
Emergency Deployable Wide Area Remote Data System (EDWARDS)

Kit 1 Node 4

Small Deployment Site

Node 4 Handout Kit

Wired Laptop

Wireless Laptop

2 Phones & 1 Conference Phone

4 Total Lines
Mutual Aid Radio Cache (MARC)

- Incident tactical repeater site
  - 100 foot tower
    - VHF Repeater
    - UHF Repeater
  - 100+ VHF Portables
  - 50+ UHF Portables
- Approx 10 Mile radius.
- 2 hour setup time
Questions?
Training and Exercise

- Operation RADAR 2010
- 19 COML Courses
- 11 EDICS / EDWARDS classes
- 9 MARC Courses
- 7 Regional exercises
- 15 + FIN Classes
- Interoperability Summit
- FIN Workshop
- RADAR II – Son of RADAR – Return of RADAR...
Governance

- Florida Executive Interoperable Technologies Committee (FEITC).
- State Working Group – Interoperable Communications
- Regional I/O Co-Chairs
  - Peruse Statewide Strategy and direction for Interoperable Communications in Florida.
- Statewide Communications Interoperability Plan (SCIP)
  - Tactical Interoperable Communications Plans (TIC–P)
Questions?