



Integrated Public Alert and Warning System IPAWS-OPEN Operational COG Access Procedures Joint SIG Presentation

1 June 2011



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IPAWS-OPEN 2.0 Status

- ▶ DM-OPEN and DMIS Tools to be decommissioned June 30th
- ▶ Private sector developers have been testing IPAWS-OPEN compatible software products for several months under Memorandum of Agreement (MOA) with FEMA
- ▶ Periodically updated list of private sector developers holding MOAs is available from IPAWS Website
(http://www.fema.gov/pdf/emergency/ipaws/open_developers.pdf)
- ▶ To move from test environment to production environment, a Collaborating Operating Group (COG) must be established for the emergency management customer
- ▶ The new process to establish a COG must be used by all sponsoring organizations whether or not a COG was previously established



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IPAWS-OPEN 2.0 Status

- ▶ June 6-17 IPAWS is supporting the Coalition Warrior Interoperability Demonstration (CWID) in Herndon, VA operating from the Monmouth University Command and Control training vehicle located in the DHS Battle Laboratories parking lot
- ▶ Military and civilian applications will be sharing CAP (Common Alerting Protocol) and Resource Messages (EDXL-Distribution Element wrapped content) via IPAWS-OPEN
- ▶ Participants include:
 - Buffalo Computer Graphics – Disaster LAN
 - Optimetrics – RMC (Remote Message Center)
 - Indiana University at Pennsylvania – CIMS (Civil Support Team Information Management System)
 - JWARN (Joint Warning and Reporting Network)
 - JPMG (Joint Project Manager Guardian) – DSS (Decision Support System)
 - Monmouth University RISES Program – Hand Held Devices (IPAD and Xoom, etc...)
 - SPAWAR – ICBRNE (www.icbrns.org)
- ▶ Primary U.S. CWID site visitor days are Monday June 13; Tuesday June 14; and Thursday June 16 with additional tour opportunities available at each site. To register for site tours visit <http://www.cwid.org/>



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IPAWS-OPEN 2.0 Status Conformity Assessment Program (ICAP)

- ▶ Suppliers Declaration of Conformity (SDoC) currently available for four products
 - 3 EAS encoder/decoder hardware
 - 1 EAS encoder/decoder software

- ▶ Go to <http://www.rkb.us>
 - Select “Certifications & Declarations” from the “Other Content” drop-down
 - Select IPAWS SDoCs
 - Select product of interest
 - View SDoC and/or report



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IPAWS Conformity Assessment Program (ICAP)

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Certifications & Declarations

On the RKB, some products will have Certifications and/or Declarations associated with the records. These results can be searched by selecting the desired product and then using the Knowledge Links to obtain the specific Certifications or Declarations. Records may include Suppliers' Declaration of Conformity (SDoC), IPAWS SDoCs, other declarations, or FDA or TSA approvals.

Search:

Equipment Type:

Organization:

Tips

(ALL - 1270)

- [-] Certifications & Declarations (1270)
 - P25 SDoCs (46)
 - IPAWS SDoCs (4)**
 - Third-Party Certifications (1205)
 - FDA-Approved (2)

Certifications & Declarations Results

Result(s) 1 - 20 of 1270 [Next 20>>](#)

Title	Description	Display:
 2004/108/EC VRAE Multiple Gas Monitor - RAE Systems	VRAE Multiple Gas Monitor.	
 94/9/EC MiniRAE 2000, ppbRAE Plus, and UltraRAE - RAE Systems	MiniRAE 2000, ppbRAE Plus, and UltraRAE	

IPAWS Conformity Assessment Program (ICAP)

Password: [Login Help](#) [What am I missing as a Guest?](#) [Create an Account](#)
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Certifications & Declarations

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Search:
Item Type:
Organization:
 [Tips](#)

IP - 1270)

Certifications & Declarations (1270)

P25 SDoCs (46)

IPAWS SDoCs (4)

Third-Party Certifications (1205)

FDA-Approved (2)

Other Declarations of
Conformity/Compliance (13)

Certifications & Declarations Results

IPAWS SDoCs

Result(s) 1 - 4 of 4

Title	Description	Display: <input type="text" value="20"/>
 FEMA	EASyCAP™ Software Version 1.13, EASyIPTV™ Firmware 8.02	
 FEMA	Monroe Electronics, Inc-R189 One-Net, Software Version 2.0-0	
 FEMA	Monroe Electronics-DA SDEC-II, Software Version 2.0-0	
 FEMA	Sage Digital ENDEC Model 3644 (Software Version 1.0h75)	



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IPAWS Conformity Assessment Program (ICAP)

Certification and Declaration Details

[IPAWS SDoCs](#)

Knowledge Links

[Related Product\(s\)](#)

▶ [EASyCAP Software](#)

Print

EASyCAP™ Software Version 1.13, EASyIPTV™ Firmware 8.02

SDoC Number: SDOC-EASyCAP-11777

SDoC Issue Date: 04/28/2011

Product Category: EAS Encoder/Decoders

Installed Options

EASy Series Encoder/Decoder firmware version 8.02



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Declarant:

Trilithic Inc (Trilithic)
9710 Park Davis Dr
Indianapolis, Indiana 46235
UNITED STATES

Phone: 317-895-3600

Email: eassales@trilithic.com

Website: <http://www.trilithic.com>

Page Last Updated: May 25, 2011

Additional Information

- [Click here to view SDoC](#)
- [Click here to view test report](#)
- [Trilithic Website](#)



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IPAWS-OPEN 2.0 Status

Conformity Assessment Program (ICAP)

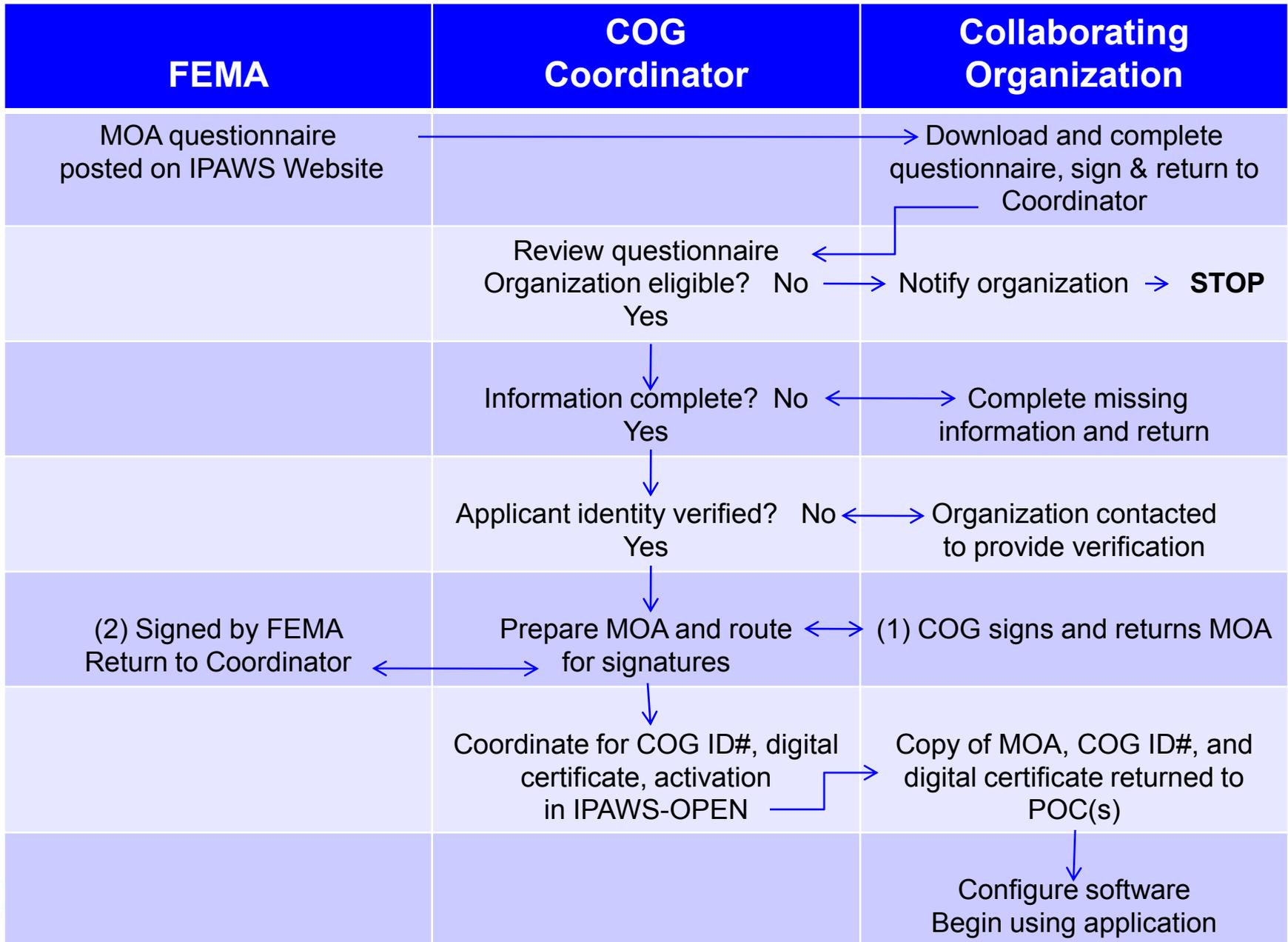
- ▶ IPAWS Conformity Assessment Program ends Aug 31
- ▶ No plans to continue program past August
- ▶ Look to NIMS STEP program for alternate CAP testing www.nimsstep.org
- ▶ FCC seeking comment on including CAP in existing certification scheme

IPAWS-OPEN 2.0 Initial Operating Capability

- ▶ Enable exchange of EDXL-CAP messages between COGs
- ▶ Enable exchange of EDXL-DE wrapped content between COGs
- ▶ Enable access to the National Weather Service HazCollect system for public dissemination of Non Weather Emergency Messages (NWEMs)
 - Physical connection between IPAWS-OPEN and HazCollect
 - NWS will update its HazCollect FAQ to include third-party software
 - Separate NWS approval is required for HazCollect
 - Previously NWS-approved COGs will be required to complete the new IPAWS-OPEN process to receive a new COG ID # and digital certificate
 - New COG ID #s will be implemented at the HazCollect server
 - COGs not previously approved for HazCollect must apply to NWS after completing IPAWS-OPEN process
 - See <http://www.weather.gov/os/hazcollect/>
- ▶ IPAWS-OPEN 3.0 will implement EAS and PLAN/CMAS later this year



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IPAWS-OPEN 2.0 Operational COG Access Procedures

- ▶ Download MOA Questionnaire from IPAWS website (soon)
- ▶ Review eligibility requirements provided with MOA Questionnaire instructions
 - Local, territorial, tribal, state, or federal government organization of the United States
 - Interoperable software system has been successfully tested in the FEMA test environment
- ▶ Complete requested information
 - Name/title of individual who will sign
 - Basic point of contact (POC) information (Appendix B to MOA)
 - Primary POC
 - Alternate POC
 - Technical POC
 - Interoperable system(s) information (Appendix A to MOA)
- ▶ Return to ipaws@dhs.gov



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IPAWS-OPEN 2.0 Operational COG Access Procedures

- ▶ MOA Questionnaire reviewed
 - Eligible sponsoring organization?
 - Interoperable software system successfully tested?
 - Information complete?

- ▶ MOA prepared and routed for signatures
 - MOA includes FEMA POC information and Rules of Behavior
 - Returned to COG for signature and return
 - Forwarded for FEMA IPAWS System Steward signature

- ▶ Internal coordination for COG ID #, digital certificate, IPAWS-OPEN implementation

- ▶ Return copy of MOA, COG ID # and digital certificate to POCs

- ▶ Interoperable system software configured with COG ID # and digital certificate by system developer/provider



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Highlights of IPAWS MOA

- ▶ In the event of a security breach, COG will notify FEMA immediately and prepare a report prepared and submit to FEMA within 5 business days
- ▶ COG will immediately notify FEMA in writing if it no longer requires IPAWS-OPEN access
- ▶ COG will notify FEMA within 5 business days of any change to POC information
- ▶ COG will adhere to and enforce the Rules of Behavior (Appendix C)
- ▶ COG will document and maintain jurisdictional and/or system specific security policies and procedures
- ▶ COG will ensure system access is only granted to properly vetted and approved entities or individuals
- ▶ COG will provide updates to amend Appendix A Listing of Interoperable Systems if systems are added or removed



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Highlights of IPAWS-OPEN Rules of Behavior (RoB)

- ▶ Official use only
- ▶ Official email address only
- ▶ Discrete User ID per user
- ▶ User ID and associated password protected from others
- ▶ Strong passwords changed every 90 days
- ▶ Updated virus scans
- ▶ Official devices only
- ▶ Annual Computer Security Awareness training
- ▶ A copy of the RoB must be signed by all account holders and maintained on file by the COG



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Comments and Questions

▶ **IPAWS Website** - <http://www.fema.gov/emergency/ipaws>

Mark.Lucero@dhs.gov

Office (202) 646-1386

Chief, IPAWS Engineering, National Continuity Programs, DHS FEMA

