# WebEOC: Harnessing the Power of Technology When Disaster Strikes

#### PRESENTED BY SEBASTIAN GELY







### What is WebEOC?

• Missouri WebEOC Mission Statement:

"The goal of Missouri WebEOC is to have available an online tracking tool to promote information sharing and resource request tracking during emergencies, events and daily operations. This will allow leadership at all jurisdictions to have a <u>Common Operating</u> <u>Picture</u> and real time <u>Situational Awareness</u> of events affecting their area and the State."

# What is WebEOC? (cont.)

- WebEOC is Crisis Information Management Software
- WebEOC is customizable, online, and browser based
- WebEOC is used by various private and public entities including (but not limited to): the Department of Defense, the Department of Agriculture, NASA, Disney, various airlines.
- Most importantly it is used by FEMA and multiple state EMA's arguably making it the industry standard



- <u>Users (1)</u> are assigned <u>Positions (2)</u> (by Administrators) which grant access to <u>Incidents (3)</u> and determine the way they interact with <u>Boards</u> and their <u>Control Panel</u>.
- **User:** A specific WebEOC Account is assigned to one individual, and that individual then becomes that account's user
- **Position:** the functional job a user fills. This allows many users to act as one, or one user to act as many.
- **Incident:** The name of the event in which all information and tasks are stored.
- **Home Screen:** The primary interface of WebEOC where all of the features of WebEOC can be accessed.
- **Control Panel:** Where boards, tools, menus, links and plugins can be accessed. Similar to a remote or menu.
- **Boards:** The way in which WebEOC displays information following the idea of the traditional dry erase board.

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	-8		
Welcome, shgxcf@mail.missouri.edu ( Logout	:). You :	are logged in as F Boone County MGT EM Direc 🔽 in Training Boonville 07/08/15 💽 🕜	dix
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Battle Rhythm Local Display	e		
Comments for After Action	e e		
Event Mapping	e	n-wide Message	
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Electric Co-Op Links			
Emergency Management Websites			
ICS/EEMA Forms			

Gettin	g Started with WebEOC: The Control Panel	
Welcome, shgxcf@mail.missouri.edu ( Logout )	). You are logged in as F Boone County MGT EM Direc in Training Boonville 07/08/15 🖸 👔	X
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Boards 1. Sign In / Sign Out Battle Rhythm - Edit Dettle Rhythm - Edit	cations	
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<ul> <li>Volunteers (Global) Weather Dashboard</li> <li>Boards Missouri Fusion Network</li> <li>Resource Request</li> <li>2. Activity Loa</li> <li>3. Incident Key Events</li> <li>4. Statewide Key Events (Global)</li> </ul>	<ul> <li>Enough with the Home Screen, here are the boards we'll cover next looking at how you or your organization can utilize WebEOC:</li> </ul>	
Contacts Directory Damage Assessment DHSS Chempack Cache Locator DHSS Local Public Health Departme ECC and Public Officer Status Jurisdiction Status	<ul> <li>Sign In / Sign Out</li> <li>Activity Log</li> <li>Jurisdiction Status</li> </ul>	
Public Information - Documents         Recovery Centers (Global)         Shelters (Global)         Boards TN Fusion         Essential Elements of Information         Menus	<ul> <li>Resource Requests</li> <li>A quick look at some of our custom boards</li> <li>As well as the IMX Connect App and mobile Usage of</li> </ul>	
<ul> <li>Electric Co-Op Links</li> <li>Emergency Management Websites</li> </ul>	WebEOC	

# Sign In / Sign Out Board

### • What is the Sign In / Sign Out Board?

Current EOC Staffing *Sign In Here* Incident: SEMA Conference Breakout													
Create PDF				Export to Excel	Currently Sig	gned In Sign I	n/Out History						
	Search	1:	Search	Clear Search	1								
Manageme	ent Section	า											
Position	ESF(s)	Agency	Name	Location	Contact #	Sign/In Time	Sign Out						
SEOC OPS Control Room	ESF-5	SEMA	Mary Smith	SEOC	573-526-9133	04/12/2016 14:30:26							
Operations	Section ESF(s)	Agency	Name	Location	Contact #	Sign/In Time	Sign Out						
Control Room	ESF-5	SEMA	Jennifer Storey	SEMA	5735269146	14:30:22							
Planning S	ection												

#### Position Location Contact # Sign/In Time Sign Out ESF(s) Agency Name SEOC OPS 04/12/2016 ESF-5ESF-6 SEMA Sebastian Gely SEMA 573-526-9103 Sign Out 14:32:24 Staff

#### Finance/Admin Section

Position	ESF(s)	Agency	Name	Location	Contact #	Sign/In Time	Sign Out
Logistics \$	Section						
Position	ESF(s)	Agency	Name	Location	Contact #	Sign/In Time	Sign Out
Other							
Other							
Position	ESF(s)	Agency	Name	Location	Contact #	Sign/In Time	Sign Out

# Sign In / Sign Out

- Now I know what you're thinking: "Beyond a time sheet what is this useful for?"
- Here are a few things:
  - Keep track of time worked during a disaster
  - Keep track of your time if you are in the field
  - Keep track of participants during an exercise
  - See who else is working a disaster or event

	TL					
	1116	e Activit	y LOg			
	_					
• What is	the Activity	Log?				
Activity						
Log -						
214						New Record
					Print All	Create PDF
Training				Search:	Search	Clear Search
SEOC						
10/08/15						
				Eilter by: Llear Desition Section Luris	diction County	Pogion All
Region: View All				Filter by. User Fosition Section Juna	County	Region
	Device C. Only			Original Times 04/40/0040 44-04-57	Description	
Protest	We've got a large group of protesters heading tow	vard the capital protesting high cost of pupp	ies in this state.	Original time. 04/16/2016 14.01.57	Record #	F. <u>06206</u>
Name: Sebastian Gely	F Cole County OPS Law Enforcement - sebastian.	gely@sema.dps.mo.gov at 14:01:57 on 4/18/2	2016			
Position: F Cole County OPS Law Enforcement						
Att2:	Incident Key Events: Yes			Restricted To: Unrestricted	View	Update
	This infor	rmation is not for public disclosure and is intended for aut	horized WebEOC users only.			
Meth Lab Mobile	H Buchanan A man identified as Walter White with a Jesse Pinl	kman are driving down the highway throwing	out of the window of a RV, what we can o	Original Time: 04/18/2016 13:57:46 only assume are, hazardous materials used i	Record # in the production	#: <u>66207</u> of
Name: Sebaction Colv	Methamphetamine.	10v at 13:57:46 on 4/18/2016	, ,	···· <b>,</b> ·····		
Position: SEOC OPS Staff	o co o o o o an - sebustan.gery@sena.aps.no.g					
Att1:				Postriated To: Unrestriated	View	Undate
Att2:	This info	rmation is not for public disclosure and is intended for au	horized WebFOC users only.	Restricted to, offestricted	view	opuate
			inited headoo docio ongi	Onininal Times 04/40/0040 40-50-40	Descert	
Agroterrorism	We've got a wild band of teenagers tippin cows let	ft and right		Original Time: 04/18/2016 13:56:46	Record #	F. <u>66206</u>
Name: <u>Sebastian Gely</u>	SEOC OPS Staff - sebastian.gely@sema.dps.mo.g	ov at 13:56:46 on 4/18/2016				
Position: SEOC OPS Staff						
Att1: Att2:				Restricted To: Unrestricted	View	Update
	This infor	rmation is not for public disclosure and is intended for aut	horized WebEOC users only.			
*Activity Log Li	ist View					

# The Activity Log

- What can the Activity Log do for you?
- Here are a few examples:
  - The Activity Log replaces ICS 214 with a fillable digital format
  - The Activity Log can be used for your jurisdictions daily operations
  - Tracking "Incidents within Incidents"
  - Get immediate access to information deemed to be of incident or statewide importance

### Jurisdiction Status

### • What is the Jurisdiction Status Board

	Jurisdiction S	Statu	s								Red Orang Ye	= Statewide e=Regiona ellow=Loca	e Impact Il Impact Il Impact		New Record	Report View
ANAGE MEN	Incident: 2015 Decemb	er Incid	lent Reporting						White=N	o resp	Green onse, inf	=no impact formation u	t/routine Inknown			
**Open LEOC's ar	re indicated by a color change in th	e county na	ame**													
Create PDF															Filter Incident: Vie	w All 🔹
Filter Region: Regi	ion E 🔻 LEOC Status: View All 🔻												Search	:	Search	Clear Search
County	Jurisdiction	Region	Last Updated	Fatalities Injuries	Home/Business Damage	Power Outages	Utility Issues	Emergency Services	Road and Bridges	Hazmat	Civil Unrest	Public Facilities	State Asssistance?		Attachment	Details
New Madrid	County	E	01/19/2016 12:56:30	No	None	0	None	Limited	Minor	None	None	Normal	Unknown	Attach 1: Attach 2:		View Update
Cape Girardeau	County Emergency Management	Е	01/07/2016 09:20:25	No	Moderate		None	Normal	Normal	None	None	Normal	No	Attach 1: Attach 2:		View Update
Scott	Scott County EMA	E	01/05/2016 05:09:18	Unknown	Limited	None	Moderate	Delayed	Minor	None	None	Limited	Yes	Attach 1: Attach 2:		View Update
Stoddard	Stoddard County	E	01/04/2016 11:11:46	No	None		None	Normal	Normal	None	None	Normal	No	Attach 1: Attach 2:		View Update
Cape Girardeau	City of Cape Girardeau	Е	01/02/2016 16:15:05	No	Limited	None	None	Normal	Minor	None	None	Normal	No	Attach 1: Attach 2:		View Update
Mississippi	Mississippi County	E	01/01/2016 11:10:56	No	None	0	None	Normal	Minor	None	None	Normal	No	Attach 1: Attach 2:		View Update
Mississippi	Charleston	E	01/01/2016 08:52:00	No	None	0	None	Normal	Normal	None	None	Normal	No	Attach 1: Attach 2:		View Update
Dunklin	Dunklin County EMA	E	12/31/2015 11:20:30	No	None	none	None	Normal	Normal	None	None	Normal	No	Attach 1: Attach 2:		View Update
Madison	Madison County	Е	12/31/2015 10:41:25	No	None	0	None	Normal	Normal	None	None	Normal	No	Attach 1: Attach 2:		View Update

### \*Jurisdiction Status List View

### Jurisdiction Status

- The Jurisdiction Status board is made to enhance situational awareness and create a common operating picture between jurisdictions
  - Share with your "neighbors" current information on your situation
  - Provide a template report on all impacted critical areas
  - Helps prioritize limited resources

### **Resource Request Board**

### What is the Resource Request Board?

Resource R	Resource Requests Incident: 2015 December Incident Reporting														
Create PDF						My Assignment	s My Requests Processed Reques	ts In SEOC View All							
Status Filter: Show All   Region: Select	t a Region ▼						Search:	Search Clear Search							
Mission Name	Region - County	Tracking #	Resource	Assigned to	Priority	Time Due	Status	Details Last Updated							
EMAC Request - VOAD/DMV Coordinator (1 of 1 active)	F - Cole	SEOC - 8665473- A	Resource #1:*OTHER	SEOC LOG ESF 07 *Lead	Extended (over 96 hrs.)	01/13/2016 15:21:00	Demobilized	View Update Send to Finance							
Mo Dot Message Board for VRC (1 of 1 active)	C - St. Charles	SEOC - 9401834- A	Resource #1:*OTHER	SEOC OPS ESF 01 - Transportation	Routine (24 hrs.)	01/16/2016 18:18:00	Demobilized	View Update Send to Finance							
Replace National Guard at Levee with Conservation Agents (1 of 1 active)	E - New Madrid	EXT - 7105432-A	Resource #1:*OTHER	SEOC OPS ESF 13 Public Safety Law Enforcement	Priority (12 hrs.)	01/06/2016 23:34:00	In Progress	View Update 01/19/2016 Send to Finance							
Pumps for US67, St. Charles Co. (1 of 1 active)	C - St. Charles	SEOC - 1189964- A	Resource #1:PUMPS	SEOC LOG ESF 07 *Lead	Priority (12 hrs.)	01/12/2016 02:25:00	Demobilized	View Update 01/13/2016 Send to Finance							
Flooding of Stone County (0 of 1 active)	D - Stone	SEOC - 0488745- A	Resource #1:AIR MISSION	MONG JOC SAOB	Routine (24 hrs.)	01/06/2016 06:29:00	Complete	View Update 01/11/2016 Send to Finance							
Volunteer Tdap (0 of 1 active)	C - Franklin	EXT - 0640507-A	Resource #1:*OTHER	SEOC OPS ESF 08 - Health	Routine (24 hrs.)	01/08/2016 14:13:00	Complete	View Update 01/08/2016 Send to Finance							
Old Monroe Pumps Needed (1 of 1 active)	C - Lincoln	EXT - 4077551-A	Resource #1:PUMPS	SEOC LOG ESF 07 *Lead	Life Safety/Immediate (4 hrs.)	12/28/2015 13:31:00	Demobilized	View Update Send to Finance							
Old Monroe Pump Need (1 of 1 active)	C - Lincoln	EXT - 4723244-A	Resource #1:PUMPS	SEOC LOG ESF 07 *Lead	Life Safety/Immediate (4 hrs.)	12/30/2015 15:45:00	Demobilized	View Update Send to Finance							

### **Resource Request Board**

- One thing to know about the Resource Request Board
  - It is one of the most complicated boards on WebEOC
    - $\times$  This is due to the fact that it needs to follow a specific process flow



### **Resource Request Board**

### • What is this board useful for?

- Track a requested resource as it makes its way through
- Creates a digital repository for requests made during an incident
- Creates clear documentation of requested and provided resources







# **Custom Built Boards**

- As stated earlier, WebEOC is customizable
- In my time as the System Administrator we have built four separate boards:
  - DHSS Chempack Cache Locator
  - Cooper Nuclear Agency Notifications
  - Cooper Nuclear Critical Infrastructure
  - Cooper Nuclear Special Facilities





### Custom Boards: Chempack Cache Locator

- Quick intro to Chempack (Disclaimer: I am not an expert in Chempack, if you would like more information on the program contact Mark Pethan at SEMA)
  - Chempack is a federal program administered at the State level
  - It is a part of the Medical Countermeasures program
  - Designed to be activated in the event of a large scale incident involving a harmful chemical substance



• Keeps stockpiles of chemical and nerve agent antidotes

### Custom Boards: Chempack Cache Locator

New Record

Create PDF Search

### List View of the Chempack Cache Locator



Chempack Cache Locator (Global)

Incident: Training SEOC 10/08/15

Region: View All 
County: View All 
Status: View All

Site Name	Region	County	Site Location	1st Contact (View record for all contacts)	Status	Doses Available	Requestor	Transportation	Last Update	Details
Map Bothwell Regional Health Center	A	Pettis	601 E 14 St., Sedalia, MO 65301	Name: Work#: Cell#:6	Standby	454			10/23/2015 10:07:38	View Update
Map Liberty Hospital	А	Clay	2525 Glenn Hendren Dr., Liberty, MO 64068	Name:/ Work#: Cell#:8	Standby	1362			10/23/2015 11:14:59	View Update
Map St. Joseph Medical Center	А	Jackson	1000 Carondelet Dr., Kansas City, MO 64114	Name: Work#: Cell#:S	Standby	908			10/23/2015 11:14:41	View Update
Map St. Luke's Health	А	Jackson	4401 Wornall Rd., Kansas City, MO 64111	Name: Work#: Cell#:8	Standby	908			10/23/2015 10:16:21	View Update
Map St. Mary's Medical Center	А	Jackson	201 NW R D Mize Rd., Blue Springs, MO 64014	Name: Work#: Cell#:S	Standby	908			10/23/2015 11:14:12	View Update
Map Truman Medical Center	А	Jackson	7900 Lee's Summit Rd., Kansas City, MO 64139	Name: Work#: Cell#:8	Standby	908			10/23/2015 11:26:20	View Update
Map Hannibal Regional Hospital	В	Marion	6000 Hospital Drive, Hannibal, MO 63401	Name: Work#: Cell#:5	Standby	454			03/01/2016 14:26:59	View Update
Map Barnes-Jewish Hospital	С	St. Louis Co	510 S. Kingshighway Blvd., St. Louis, MO 63110	Name:- Work#: Cell#:3	Standby	454			10/28/2015 12:08:10	View Update
Map Mercy Hospital St Louis	С	St. Louis Co	615 S. New Ballas Rd., St. Louis, MO 63141	Name: Work#: Cell#:3	Standby	454			10/28/2015 12:46:27	View Update

### **REP Cooper Nuclear Station Boards**

- Quick intro to REP: REP is our Radiological Emergency Preparedness group.
  - They deal with radiological issues around the state
  - They are the Primary POC's and SME's for dealing with the Callaway Nuclear Plant and the Cooper Nuclear Plant in Nebraska
  - They help maintain equipment used to detect radiation
  - Keep track of shipments of items that have a radioactive signature

### **REP Cooper Nuclear Station Boards**

### Cooper Nuclear Dashboard

Mass Care Dashboard Event Reporting (AL and SKE) Cooper Nuclear Dashboa.

	Activity Log - 214							Print All	Create P
	Incident: Training SEOC 10/08/15				S	earch:		Search	Clear Sea
Priority: Show All	Radiological:	Show All • Region: View All •	ESF: View All •	Filter by:	User	Position	Section	SEOC	All
Prote	est	Region F Cole					Original Time: 14:01:	04/18/2016 57	Record #: 662
Name: <u>Sebasti</u> Position: F Cole	ian Gely County OPS forcement	We've got a large group of pr F Cole County OPS Law Enfo	otesters heading rcement - sebastia	toward the an.gely@se	apital protes: na.dps.mo.go	ting high cost ov at 14:01:57 o	of puppies in th on 4/18/2016	is state.	
Att1: Att2:		Incident Key Events: Yes					Restricte Unrestrie	d To: ted	View
		This information is	not for public disclosure	and is intended	for authorized We	bEOC users only.			
Meth Lab	Mobile	H Buchanan					Original Time: 13:57:	04/18/2016 46	Record #: 662
Name: <u>Seba</u> Position: SEO0 Att1:	<u>stian Gely</u> C OPS Staff	A man identified as Walter Wi can only assume are, hazardo SEOC OPS Staff - sebastian.g	hite with a Jesse F ous materials used ely@sema.dps.mo	Pinkman are I in the proc D.gov at 13:	driving down luction of Me 57:46 on 4/18	the highway ti thamphetamin 2016	hrowing out of t e.	he window o	of a RV, what we
Att2:							Restricte	d To:	View

R	EP Cooper N	luclea	ar S	tation Critical Infrastructure			
	dent: Training SEOC 10/	08/15				Nev	eate PDF Search
Activated: View All	atus: View All 🔹						
Facility	Location Address	Activated	Status	Comments	Attachments	Last Updated	
Map Lampkin Gym - Reception Center	800 University Dr., Maryville, MO 64468	Yes	Active	This is a Drill: Reception Center is open at Northwest Missouri State University in Maryville Lampkin Gymnasium. Evacuation of Area 1-Estimated 100 people being directed to present at Lampkin Gymnasium.		03/29/2016 11:11:04	View Update
Joint Information Center (JIC)	r	Yes	Active	**This is a Drill **		03/29/2016 10:29:08	View Update
State EOC	2302 Militia Drive, JC MO	Yes	Active	**This is a Drill** MoDOT, MSHP and Dept. of Ag, and DNR are on the floor. **This is a Drill **		03/29/2016 10:28:36	View Update
Atchison County EOC	405 ½ S. 11th St., Tarkio, MO. 64491	Yes	Active	This is drill.		03/29/2016 10:26:34	View Update
State EOF Team		Yes	Active			03/15/2016 15:42:21	View Update
Atchison County Staging Area		No	Closed			02/29/2016 15:09:26	View Update



	REP Cooper Nucle	ear Sta	tion A	gency N	otification	S	
	Incident: Training SEOC 10/08/15						New Record Create PDF Search
Notified: View All *	Status: View All 🔹						
Agency		Notified	Status	Comments	Attachments	Last Updated	
Burlington Northerr	n/Santa Fe Railroad	Yes	Closed			03/29/2016 11:50:52	View Update
FAA-EPZ Airspace		Yes	Closed			03/29/2016 10:23:53	View Update
USCG MO River		Yes	Closed	testing		03/29/2016 10:23:11	View Update
United States Coas	t Guard (USCG)	No	Active			02/29/2016 14:28:13	View Update

### IMX Connect and Mobile Usage

- IMX Connect is the companion app for WebEOC
- It is available to both Android and iPhone users
- Sends out notifications
- Shortcut to WebEOC on your devices



### Thank you for attending!

Hopefully you guys got something out of this breakout presentation! If you have any questions about WebEOC please feel free to get in touch with me!

Sebastian Gely WebEOC System Administrator <u>sebastian.gely@sema.dps.mo.gov</u> Office: 573-526-9103 Cell: 573-680-2850

My business cards are also at the back of the room, feel free to grab one!