



---

## **PrepLink<sup>(SM)</sup>: Overview of the Strategic Bio-Defense Emergency Operations and Communications System**

**Emergency Management Summit  
February 4, 2008**

Presented By: Cliff Denholm, Kathy Criss and Becca Nelson

# Presenters & Introductions

---

## Presenters:

<b>Becca Nelson</b>	Project Director, PMP - University of Pittsburgh Medical Center, IMITs (Innovative Medical and Information Technology Center)
<b>Cliff Denholm</b>	Program Director - University of Pittsburgh Medical Center
<b>Kathy Criss</b>	Director, Disaster Management Center - University of Pittsburgh Medical Center

# Overview

---

- Introduction – *Kathy Criss*
  - Regional Background
  - SBEOCS Purpose, Mission, Objectives
  - SBEOCS Components
- PrepLink(SM) Overview
  - What is PrepLink<sup>(SM)</sup>? – *Becca Nelson*
  - Incident Command within PrepLink<sup>(SM)</sup> – *Kathy Criss*
  - PrepLink<sup>(SM)</sup> Role-Based Security – *Cliff Denholm*
  - PrepLink<sup>(SM)</sup> Deployment & Testing – *Cliff Denholm*

# SBEOCS Purpose and Objective

---

- **Purpose:** Regional healthcare preparedness
- **Objective:** Develop an enterprise partnership among the PA National Guard, Western Pennsylvania Emergency Response Groups, Commonwealth of Pennsylvania, and healthcare providers to give situational awareness of public health, healthcare, and supporting entities for healthcare management during disasters.

# PA Region 13 - Background

---

- Pennsylvania Region 13:
- Thirteen county area of Western Pennsylvania
- Covers 9,478 square miles
- Comprised of 712 municipalities, the largest being the City of Pittsburgh.
- Population approximately 3.1 million
- Formal mutual aid agreement was ratified by the counties of Allegheny, Armstrong, Beaver, Butler, Cambria, Fayette, Greene, Indiana, Lawrence, Mercer, Somerset, Washington, and Westmoreland and the City of Pittsburgh to create an entity known as Pennsylvania Region 13.

# Region 13 & MMRS (Metropolitan Medical Response System)

---

- **Purpose:**

*Working for and making progress in preparing the medical community in the eventuality of a natural or man made disaster that would stress the medical system.*

- **Goal:**

*Improve communications between hospitals, EMS, and health departments.*

- The MMRS Operations Committee is updating the policies and procedures for the Region 13 ESF 8, the health and medical position in the emergency operations center.

# SBEOCS Mission Statement

---

*Create a healthcare Common Operating Picture that supports daily use and addresses the full spectrum of potential threats, crises and emergencies (natural and man-made) that incorporate all aspects of healthcare disaster management, planning, response, recovery, and communications.*

# Problem Statement

---

Care in a Mass Casualty Situation is complex.

- **Healthcare communication** between EOC, healthcare network, families, medical staff, personnel and first responders, is decentralized and difficult.
- **Coordination of assets** (bed availability, pharmaceuticals, supplies, etc.) during mass casualty incidents is problematic.
- **Information for the general public** lacks accuracy and timeliness.
- **Education programs** for First Responder Training are not consolidated or centrally available.



# Problem Response

---

Creation of tools and systems to address each issue

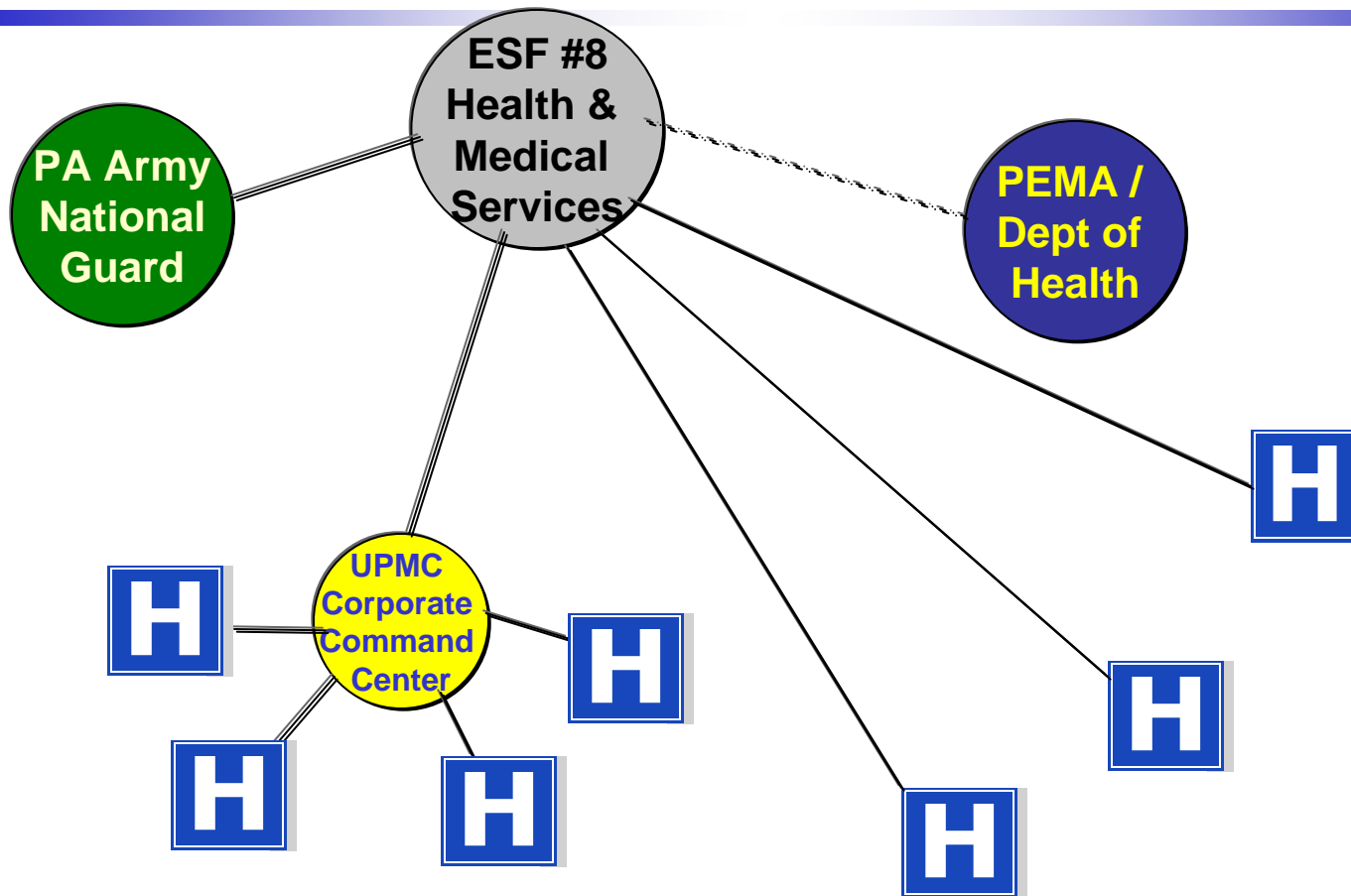
- **Healthcare communication** – PrepLink<sup>(SM)</sup> was created to provide situational awareness, hospital incident management, patient tracking, document management, health care mass communications **AND** a direct tie to PA National Guard, Regional EOC & other entities.
- **Coordination of assets** - PrepLink<sup>(SM)</sup> also contains asset management tools such as: Emergency Vehicle Tracking (Helicopters) via GIS Environment, Healthcare Assets, Hospital and Bed Status
- **Information for the general public** – PrepLink<sup>(SM)</sup> contains a public portal to communicate disaster preparedness information and to disseminate information to the public during a disaster.
- **Education programs** – Creation of a Community Preparedness Schoolhouse, Conference & tools.

# PrepLink<sup>(SM)</sup>: Situational Awareness

---

- Incident Status
- Bed Status
- Patient Status
- Patient Tracking
- Staffing Resources
- Transportation Status
- Hospital Facility Status
- Location Detail
- Equipment
- Asset Inventory
- Pharmaceutical Inventory

# Vision: Common Operating Picture



# What is PrepLink<sup>(SM)</sup> ?

---

- PrepLink<sup>(SM)</sup> is an Internet-based system that provides the tools to enable real-time, healthcare-related, emergency communication and situational awareness for:
  - Healthcare Facilities and Personnel
  - Emergency Operation Centers, ESF8
  - Emergency Services
  - Public Health Agencies
  - The General Public

**[www.preplink.org](http://www.preplink.org)**

# Strategic Biodefense Emergency Operations and Communication System (SBEOCS)

		Components
<b>PrepLink<sup>(SM)</sup></b>	Awareness/ Command	<ul style="list-style-type: none"> <li>• Provide command and control functionality</li> <li>• Manage and track healthcare resources, i.e., bed availability, staffing...</li> <li>• Enable operational mutual aid for ESF #8 health and medical services</li> <li>• Provide templates, checklists, and procedures for emergency use</li> <li>• Provide situational awareness (Common Operating Picture) for participating response entities</li> </ul>
	Mass Communications	<ul style="list-style-type: none"> <li>• Manage contact information</li> <li>• Support response availability, notification and deployment</li> <li>• Provide data quality and integrity of contact information through daily use</li> </ul>
	Web Portal	<ul style="list-style-type: none"> <li>• Provide educational information to the public for preparedness activities and emergency guidelines to the public during an incident</li> <li>• Web conferencing capabilities and content management solutions</li> <li>• Secure collaboration tools for expert development of on-the-fly guidelines and response actions</li> <li>• Complete knowledge of healthcare asset management capabilities</li> </ul>

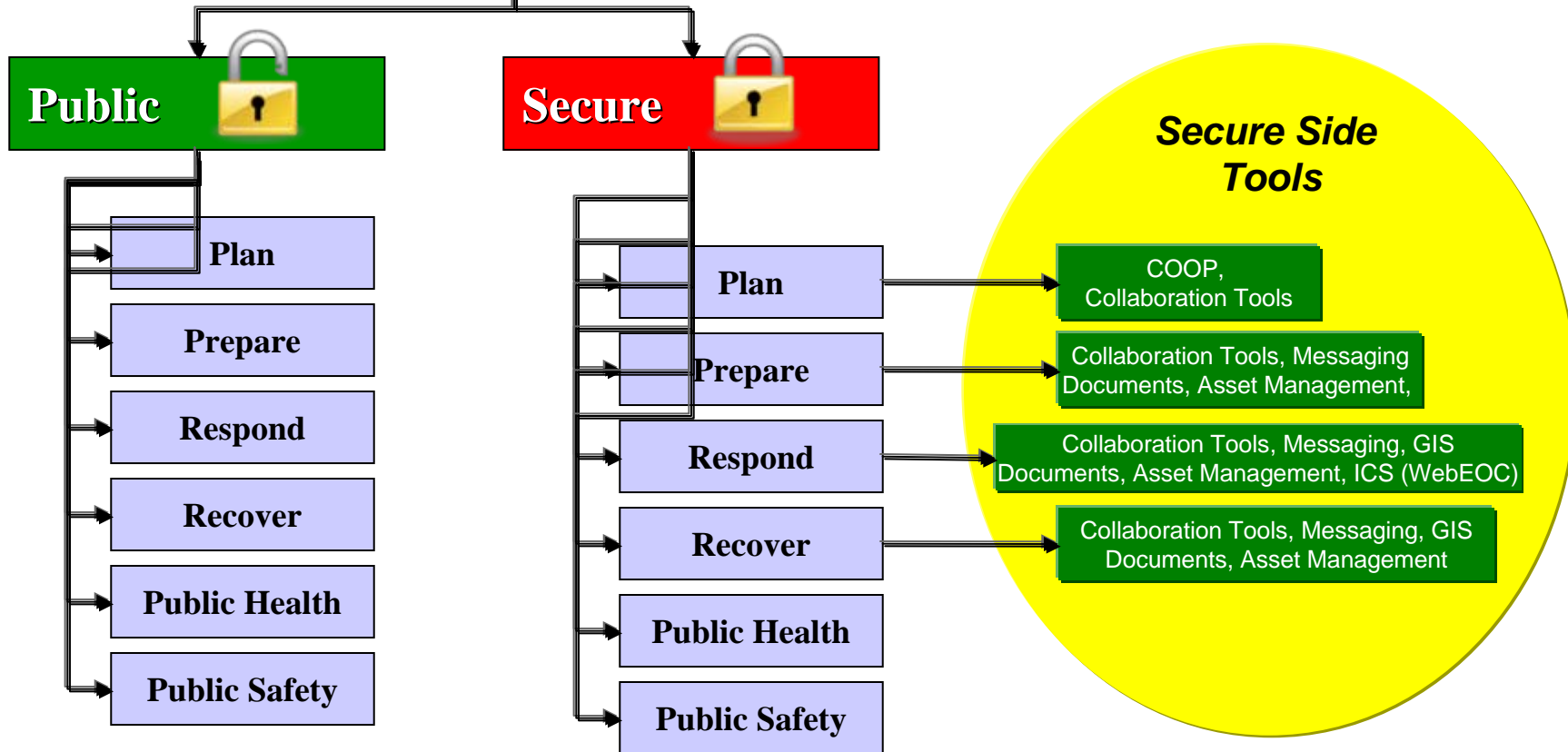
# PrepLink<sup>(SM)</sup> System Requirements

---

- Not become a replacement of systems but rather a **HEALTHCARE** information integration concept.
- Be easily implemented
- Promote interoperability
- Be scaleable and adaptable
- Accept a variety of interfaces and data feeds
- Support plug and play technology
- Be easily integrated to disparate incident command systems
- Support Continuity of Operations Planning (COOP)
- Support National Guard Common Operating Picture (COP)

# Site Layout

Support  
1-866-869-8373



# PrepLink<sup>(SM)</sup> Public Home


IBM WebSphere Portal - Microsoft Internet Explorer provided by UPMC

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address <https://sbs.upmc.com/portal/wps/portal> Go Links >>

Search Reference News Search 41° Free Credit Score Quality Health Free Music




## Emergency Operations and Communications Portal

Wednesday, November 28, 2007

PrepLink > Home > [? Log In](#)

Home Public Health Public Safety Plan Prepare Respond Recover

### What is Preplink?



**Welcome to PrepLink!** PrepLink is the Strategic Bio-Defense Emergency Operations and Communications System that provides tools to allow real-time communications among health care facilities, emergency operations centers, emergency services (first responders), public health agencies and the public.

PrepLink provides regional situational awareness for decision-makers and facilitates the movement of key resources and people between institutions and regions during a crisis.

For the **General Public**, use PrepLink to create family preparedness plans, learn about volunteer opportunities, sign up for alerts, read about health related news and events, or to obtain information during or after a disaster.

As a **Registered User**, PrepLink provides secure, login access to Incident Command tools, GIS tools, Asset Management, Document Libraries, Continuity of Operations Planning templates, Team Spaces, Web Conferencing, Messaging and other health care disaster management.

### Emergency Instructions

There are no emergency instructions at this time.

### Announcements

**Johnson and Johnson Recalls Infant Cold Medicines** for Concentrated Infants' Tylenol Drops Plus Cold, Concentrated Infants' Tylenol Drops Plus Cold & Cough, Pediacare Infant Drops Decongestant (PSE), Pediacare Infant Drops Decongestant & Cough (PSE), Pediacare Infant Dropper Decongestant (PE), Pediacare Infant Dropper Long-Acting Cough, and Pediacare Infant Dropper Decongestant & Cough (PE) from the U.S. market... [View Source](#)

**Pot Pies Recalled After Salmonella Link** - CDC is collaborating with public health officials in multiple states across the United States and with the U.S. Department of Agriculture Food Safety Inspection Service to investigate an ongoing multi-state outbreak of Salmonella ...[View Source](#)


**Marvel Halts Curious George Shipments to Check Lead** - Marvel Entertainment Group, Inc. stopped shipments of its Chinese-made Curious George products and may recall the toys if emergency testing shows unsafe levels of lead in them...[View Source](#)

Hospital Status

Homeland Security Advisory Level




# Public Site (Continued)



## Emergency Operations and Communications Portal

Wednesday, January 16, 2008



PrepLink > Home >
? Log In

Home | Public Health | Public Safety | Plan | Prepare | Respond | Recover

### Hospital Status


# EMSI

Hospital Status: 11/29/07 10:52

Hospital Status Customize Login	Allegheny	Last Change	Expire
	Allegheny General Hospital-WPAHS	OPEN 07/08/07 23:47	
	Allegheny Valley Hospital-WPAHS	OPEN 06/04/07 21:30	N/A
	Childrens Hospital	OPEN 04/13/06 12:12	N/A
	Forbes Regional Hospital-WPAHS	OPEN 07/03/07 05:56	N/A
	Jefferson Regional Medical Cente	OPEN 11/28/07 15:09	11/28/07 17:09
	Magee Womens Hospital	OPEN	N/A
	Mercy Hospital Pittsburgh	OPEN 04/30/07 22:02	N/A

### Homeland Security Advisory Level

National Threat Advisory:  
**ELEVATED**



### International Terrorism Status

To view terrorism and security incidents across the world click here <http://www.globalincidentmap.com/>

### Commonly Used Links

[PA DOH](#)  
[CDC](#)  
[PARR](#)

[PEMA](#)  
[FEMA](#)  
[CIDRAP](#)

[Ready.gov](#)  
[WHO](#)

### Events (RSS Feeds)

Events

[UPMC Health Plan Launches We Can! to Combat Youth Obesity - Reuters](#)  
 1 hour ago  
 UPMC Health Plan Launches We Can! to Combat Youth Obesity Reuters - 47 minutes agoPittsburgh program will be launched at the ...

[Pittsburgh Steelers weighing field options following a Monday ... - The Canadian Press](#)  
 Nov 27, 2007  
 Metro TorontoPittsburgh Steelers weighing field options following a Monday ...The Canadian Press - Nov 27, 2007For one dreadful ...

### Search Portlet

x

powered by ™

▼ Local
⚙

[Carnegie Mellon University](#)  
 5000 Forbes Ave  
 Pittsburgh, PA  
 (412) 268-2106  
[directions](#)

# Why have a Public Site?

---

- **LOCAL** - Pulls together federal and state level information and simplifies it on a local level.
- **MULTIMODAL** – Site can provide video, text, sound. In addition public users can receive e-mails and SMS text messages.
- **ALL INCLUSIVE** - Good resource (one stop shop for disaster news)
- **HEALTHCARE FOCUS** - Real-time hospital status information for families, patients and the general public
- **Physician Vetted Search** – Search feature only draws from physician vetted internet sites

# PrepLink<sup>(SM)</sup> Links To These and Other Sites:

---

- PA DOH (<http://www.dsf.health.state.pa.us>)
- Dept. of Homeland Security ([www.dhs.gov](http://www.dhs.gov))
- Global Incident Map.com ([www.globalincidentmap.com](http://www.globalincidentmap.com))
- Center for Disease Control ([www.cdc.gov](http://www.cdc.gov))
- Pittsburgh Regional Business Coalition ([www.pittsburghcoalitionforsecurity.org](http://www.pittsburghcoalitionforsecurity.org))
  - PARR – Private Assets for Region Responders
  - BECON – Business Emergency Communication Network
- PEMA (<http://www.pema.state.pa.us/>)
- FEMA ([www.fema.gov](http://www.fema.gov))
- Center for Infectious Disease Research and Policy (CIDRAP) ([www.pandemicpractices.org](http://www.pandemicpractices.org))
- Ready ([www.ready.gov](http://www.ready.gov))
- World Health Organization (WHO) ([www.who.int](http://www.who.int))

# PrepLink<sup>(SM)</sup> Secure Site



## Emergency Operations and Communications Portal

(for help with this site, please contact PrepLink Support at 1-866-869-8373)

Welcome Rebecca Nelson! You are logged in as a registered user.

PrepLink > Home >

Search:

Thursday, November 29, 2007

Home Public Health Public Safety Plan Prepare Respond Recover

---

### What is Preplink?



**Welcome to PrepLink!** PrepLink is the Strategic Bio-Defense Emergency Operations and Communications System that provides tools to allow real-time communications among health care facilities, emergency operations centers, emergency services (first responders), public health agencies and the public.

PrepLink provides regional situational awareness for decision-makers and facilitates the movement of key resources and people between institutions and regions during a crisis.

As a **Registered User**, PrepLink provides secure, login access to Incident Command tools, GIS tools, Asset Management, Document Libraries, Continuity of Operations Planning templates, Team Spaces, Web Conferencing, Messaging and other health care disaster management.

### Emergency Instructions

There are no emergency instructions at this time.

### Announcements

#### UPMC Presbyterian

In order to better serve you, EMS providers should notify UPMC Medical Command, **10 minutes prior** to arriving at the hospital. Please notify us by way of phone, or radio to ensure that we'll be ready to accommodate your patient as soon as you arrive.

**Contact Numbers:**

- By phone: (412)647-5858
- By radio: Med Channel 4 or 155.400

**For patients from a scene:**

- Please provide your regular patient care report

**For patients from another hospital:**

- Name of the hospital the patient is being transported from
- The name of your service
- Any change in the patient's condition

# Secure Site Tools

---

- Continuity of Operations Planning
- Collaboration Tools
  - Web Meetings
  - Team Spaces
- Messaging
- Document Management
- Asset Management
- Incident Command (WebEOC)
- GIS

# Continuity of Operations Planning Templates



Your Portal for all your Emergency and Disaster Needs!  
(for help with this site, please contact PrepLink Support at 1-866-869-8373)

Tuesday, July 31, 2007

Welcome to PrepLink ▾

PrepLink > Plan > Continuity of Operations Planning >

+ 👤 ? Log Out

Search:  🔍

Home Public Health Public Safety Daily Dashboard Plan Prepare Respond Recover

Continuity of Operations Planning  
Collaboration Tools

The screenshot shows a Microsoft Internet Explorer browser window displaying a web page from <https://sbs.upmc.com/portal1/wps/wcm/myconnect/?MOD=PDMPProxy&TYPE=content&ID=e5e11a0e284eafa&KE=DM&LIE>. The browser's address bar shows the URL, and the page content is displayed in a window titled "Final Showing Markup". The page content includes the following sections:

### Scope of the Plan

This plan only covers facilities of the **Hospital Name** campus. It is based on the assumption that the hospital will be left intact other than for power and water failures in either a natural or man-made disaster.

This disaster plan, in its entirety or in part, is intended only for emergency operations initiated by designated administration personnel. It is not intended to supersede or alter the standard operation procedures or policies during non-disaster situations.

### Integration with Local Disaster Plans

**Hospital Name** is an integral resource in the **Name of Municipality** Emergency Operations Plans, as an acute care hospital. It is also identified as a resource hospital for treatment of patients exposed to hazardous materials and radiation incidents. At times, **Hospital Name** may also require assistance from external agencies.

Any of the following external agencies, or others as deemed necessary, may be contacted by the Incident Commander for assistance:

# Web Conferencing

Welcome to PrepLink ▾

PrepLink > Respond > Collaboration Tools >

Search:  Log Out

- Home
- Public Health
- Public Safety
- Daily Dashboard
- Plan
- Prepare
- Respond
- Recover

- Incident Command System
- Collaboration Tools
- Messaging
- Documents
- Asset Management
- Maps / GIS

### Lotus Web Conferencing

[New Meeting](#)

---

Find a meeting that is:

▾

Show All

Search by meeting name or moderator:

Go

For an unlisted meeting, enter the entire meeting name.

### Who Is Here

### Sametime Contact List

[People](#) ▾ [Options](#) ▾

Work

### People Finder

Search by:

▾

Search for:

Search

[Advanced Search](#)

### My Lotus QuickPlaces

[Create New QuickPlace](#)  [View All My Tasks](#) [Refresh](#)

---

Search my QuickPlaces:

Go

[Advanced Search](#)

**My QuickPlaces** ◀ 1 - 10 of 28 ▶

Title	Last Modified ▾
Risk Communication	7/17/07
WPIC	7/17/07
UNMC Health System	7/17/07



Tasks - year3sow - Microsoft Internet Explorer provided by UPMC

Address: https://sbs.upmc.com/qp/QuickPlace/year3sow/Main.nsf/h\_Toc/ED8254464B105395852567EF0069625F?OpenDocument

**SBEOCS Year 3 SOW**  
CN=Nelson\, Rebecca/CN=Users/DC=NGADPRD/DC=NET |

Contents: Welcome, Discussion, Library, Calendar, Tasks, Index, Customize, Members, Feed Back

Tools: Advanced Search, News: Daily | Weekly, Work Offline | Notify | Print | Help

**Tasks**

Days | Weeks | Months

Task	Assigned To	21	28	4	Feb	11	18	25	4	Mar	11	18	25	1	8	15	22	29	6	13
Assigned To	CN=Nelson																			
✓ Preplanning Work	Rebecca/CN=Users/DC=NGADPRD/DC=NET																			
✓ Team Kick-off & Brainstorming	CN=Nelson Rebecca/CN=Users/DC=NGADPRD/DC=NET																			
! Work Package Budgets	CN=Crisis Kathleen/CN=Users/DC=NGADPRD/DC=NET																			
! Work Package Creation & Paragraph Writing	CN=Nelson Rebecca/CN=Users/DC=NGADPRD/DC=NET																			
! Draft of SOW Complete	CN=Nelson Rebecca/CN=Users/DC=NGADPRD/DC=NET																			
! Create Final Version of SOW	CN=Nelson Rebecca/CN=Users/DC=NGADPRD/DC=NET																			
! CGIP Review of SOW	-- Unassigned --																			
Deliver SOW to NG	CN=Nelson Rebecca/CN=Users/DC=NGADPRD/DC=NET																			

Go to Top

# Team Spaces

Welcome - myplace1234 - Microsoft Internet Explorer provided by UPMC

Address: https://sbs.upmc.com/qp/QuickPlace/myplace1234/Main.nsf/h\_Toc/4df38292d748069d0525670800167212?OpenDocument

My Places | Home

**MMRS**  
CN=Nelson\, Rebecca/CN=Users/DC=NGADPRD/DC=NET |

Contents: Committee: room 1: Welcome, Discussion, Library, Calendar, Tasks, Index, Forms

Tools: Advanced Search, What's New, Room Map, Work Offline | Notify | Print | Help

**Welcome** This is the home page of your new place. Team members will see this page when they first arrive.

As the place manager, you should use this page to provide your team with essential information about the purpose and organization of the place, whom to contact for help, and so forth.

To change this page, click the Edit button.

**Next steps**

- > Click any link in the table of contents to start working
- > Click Help for more information

You can download any of the files below by dragging them to your Windows desktop. To open a file for reading, double-click it.

File Name	Size	Modified
Executive Meeting Demo Schedule.xls	25KB	3/20/2007 4:06:44 PM

Go to Top

Done

Trusted sites

Start | Microsoft PowerPoint - [...] | UPMC Bio-Defense Portal... | Welcome - myplace1... | 98% | 2:05 PM



# Document Management

Welcome to PrepLink ▾

PrepLink > Respond > Documents >

Search: [input] All Sources [input] [input] [input] [input] [input] Log Out

Home | Public Health | Public Safety | Daily Dashboard | Plan | Prepare | Respond | Recover

- Incident Command System
- Collaboration Tools
- Messaging
- Documents**
- Asset Management
- Maps / GIS

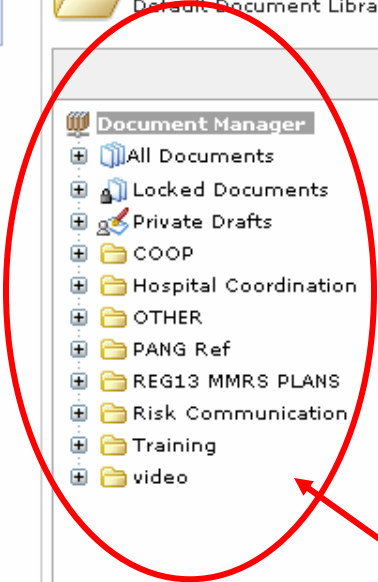
## Document Manager

Import File | Edit Document | New ▾ | Set Access to This Folder | More Actions ▾ | Tools ▾

**Document Manager**  
Default Document Library

Search in current:

	Name ^	Author
<input type="checkbox"/>	<a href="#">All Documents</a>	
<input type="checkbox"/>	<a href="#">Locked Documents</a>	
<input type="checkbox"/>	<a href="#">Private Drafts</a>	
<input type="checkbox"/>	<a href="#">COOP</a>	
<input type="checkbox"/>	<a href="#">Hospital Coordination</a>	
<input type="checkbox"/>	<a href="#">OTHER</a>	
<input type="checkbox"/>	<a href="#">PANG Ref</a>	
<input type="checkbox"/>	<a href="#">REG13 MMRS PLANS</a>	
<input type="checkbox"/>	<a href="#">Risk Communication</a>	
<input type="checkbox"/>	<a href="#">Training</a>	
<input type="checkbox"/>	<a href="#">video</a>	



**Customizable for each entity**

- Searchable content for ease of use
- Can store common plans in one place

**Note: Sample Documents in folder**

# Asset Management

MMRS  
Collaboration Tools  
Messaging  
Documents  
Asset Management  
Documents - UPMC

Asset Management



Home



Organization



Resources



Search



Reports

Asset Management 2.0.0  
Admin



## Search Results - "ventilator"

Resource ID : 1053325	Source : NIMS120	Kind : Equipment	STATUS : <b>AVAILABLE</b> (N/A)	<b>AVAILABLE</b>
Discipline : Medical and Public Health		Owned by : UPMC Horizon Greenville[b]		
Category : Health and medical		Type : Ventilator		
Description : VENTILATOR - RESPIRONICS model: ESPRIT External Ref: BIOITSDBDEV ctl#:23831, SN:VS3007479				
<a href="#">BROWSE Components / Attributes</a>				

Resource ID : 1053419	Source : NIMS120	Kind : Equipment	STATUS : <b>AVAILABLE</b> (N/A)	<b>AVAILABLE</b>
Discipline : Medical and Public Health		Owned by : UPMC Presbyterian[b]		
Category : Health and medical		Type : Ventilator		
Description : VENTILATOR - SIEMENS MEDICAL SYSTEMS INC model: SERVO-I 64 87 800 External Ref: BIOITSDBDEV ctl#:130576, SN:20755				
<a href="#">BROWSE Components / Attributes</a>				

Resource ID : 1053409	Source : NIMS120	Kind : Equipment	STATUS : <b>AVAILABLE</b> (N/A)	<b>AVAILABLE</b>
Discipline : Medical and Public Health		Owned by : UPMC Presbyterian[b]		
Category : Health and medical		Type : Ventilator		
Description : VENTILATOR - SIEMENS MEDICAL SYSTEMS INC model: SERVO-I 64 87 800 External Ref: BIOITSDBDEV ctl#:130573, SN:20752				
<a href="#">BROWSE Components / Attributes</a>				

Resource ID : 1053779	Source : NIMS120	Kind : Equipment	STATUS : <b>AVAILABLE</b> (N/A)	
--------------------------	------------------	------------------	------------------------------------	--

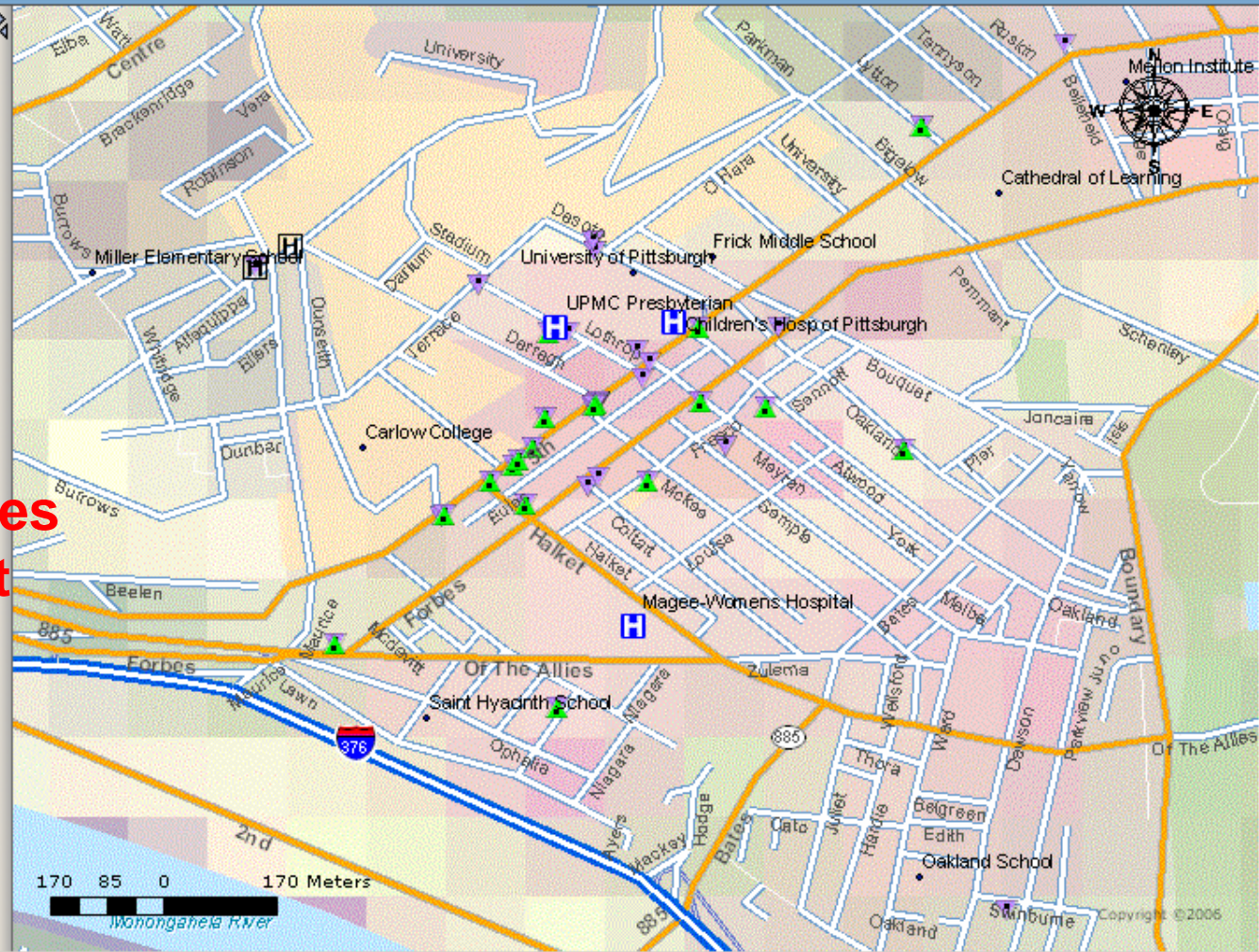
**GIS**

### Web Mapping Application



[Corporate Home](#) | [EDN](#) | [Help](#)

- Tasks >
- Results >
- Result Details >>
- Map Contents >>
- Navigation >>
- Map Overview >>



**Hospitals**  
**Hospital Status**  
**UPMC Properties**  
**Alternate Care Sites**  
**Medical Transport**  
**(Helicopters)**  
**Additional layers**

# PrepLink<sup>(SM)</sup>'s HealthComm Component (Healthcare Disaster Communication)

---

- During a disaster, ability to make contact with the RIGHT Healthcare Workers the FIRST time is directly related to the accuracy of the data that is available BEFORE the disaster starts.
- SBEOCS has implemented a successful operational model for widespread data accuracy and effective 'first pass' mass communications/recruitment.
- There are multiple technology components that have been created to support these operations that bring flexibility and unlimited list/group capability.



# Components That Increase Communication Efficiency

---

- Accurate Contact information
- Correct Contact attributes
- On call schedules
- Contact preferences
- Availability
- Relationship Database
- Daily Use

***Anyone can have a list!***

# Messaging



Your Portal for all your Emergency and Disaster Needs!  
(for help with this site, please contact PrepLink Support at 1-866-869-8373)

Tuesday, July 31, 2007

Welcome to PrepLink ▾

PrepLink > Respond > Messaging >

Search:  + ? Log Out

Home Public Health Public Safety Daily Dashboard Plan **Prepare** Respond Recover

- Incident Command System
- Collaboration Tools
- Messaging**
- Documents
- Asset Management
- Maps / GIS

**Daily Use**

**Emergency Use  
Mass Communications**

## Messaging



**Messaging 2.0.0 (BETA)**  
INDIVIDUAL MESSAGING  
ADVANCED SEARCH

### Advanced Search

	Begin	Any	Exact Match	
Last Name :	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Provider Type : <input type="text"/>
First Name :	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Gender : <input type="text"/>
				Zip Code : <input type="text"/>

To select multiple specialties, facilities, groups or counties, hold down the "Ctrl" key and click on your selections.

Specialty / Skill

- Addiction Medicine (ADM)
- Adolescent Medicine (AM)
- Adolescent Medicine: Family Practice (AMFP)

Certification

AHA NUMBER

Region

- Region 13
- Region 2

Organization

AGH

# Incident Command within PrepLink<sup>(SM)</sup>

---

- Focus is on healthcare incident command
- Boards designed specifically for health care response
  - Bed Availability
  - Hospital Status
  - Etc.
- Permits communication between EOC/ESF8, Health Systems, Hospitals, etc.
- End result will share pertinent public safety data to healthcare facilities for timely and effective response

# Incident command system

# Incident Command



Your Portal for all your Emergency and Disaster Needs!  
(for help with this site, please contact PrepLink Support at 1-866-869-8373)

Tuesday, July 31, 2007

Welcome to PrepLink ▾

PrepLink > Respond > Incident Command System >

+ ? Log Out

Search: [All Sources] 🔍

- Home
- Public Health
- Public Safety
- Daily Dashboard
- Plan
- Prepare
- Respond
- Recover

- Incident Command System**
- Collaboration Tools
- Messaging
- Documents
- Asset Management
- Maps / GIS

Incident Command System

**WebEOC 6.5 Login:**

Jurisdiction: All Jurisdictions

User: adamsbe, adelsbergcf, adomaitisp, Allegheny Co EOC, allensl2, arnolddl, aazardp, bahistab

Password: [ ]

Incident: Daily Status View

Log In

WebEOC<sup>SM</sup> is a registered trademark of [ESI Acquisition, Inc.](#)

**WebEOC logon page**

WebEOC 6 - Microsoft Internet Expl...

**WebEOC<sup>SM</sup> 6.2**

Admin Log Off

Hospital-UPMC Demo

NDMS DRILL

Chat Checklists Contacts Messages

Evacuation Needs by Unit	<input type="checkbox"/>	<input type="checkbox"/>
Hospital Status	<input type="checkbox"/>	<input type="checkbox"/>
Mission Task All-View	<input type="checkbox"/>	<input type="checkbox"/>
Significant Events	<input type="checkbox"/>	<input type="checkbox"/>
Staffing Needs	<input type="checkbox"/>	<input type="checkbox"/>
Terrorism Response Information	<input type="checkbox"/>	<input type="checkbox"/>
UPMC Medipac Bed Board	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Contacts	<input type="checkbox"/>	<input type="checkbox"/>
PA Region 13/MMRS	<input type="checkbox"/>	<input type="checkbox"/>
Pharmaceuticals/Supplies	<input type="checkbox"/>	<input type="checkbox"/>
Reports	<input type="checkbox"/>	<input type="checkbox"/>
Web Links	<input type="checkbox"/>	<input type="checkbox"/>

**Main control panel**





# WebEOC for Healthcare

The screenshot displays the WebEOC 6.5 interface within a Microsoft Internet Explorer browser. The interface is divided into several windows:

- WebEOC 6.5 (Main Window):** Features a top navigation bar with "Admin" and "Log Off" buttons. Below this is a "UPMC-CCC Daily Status View" section with tabs for "Chat", "Checklists", "Contacts", and "Messages". A central menu lists various items, including "EOC Sign IN", "Incident Command", "Patient Tracking Form", "Surge Capacity Location Worksheet", "FEMA Forms", "ICS Forms", "MMRS/PA Region 13 Reports", "-UPMC-", "Web Links", "File Library", and "Quick Map".
- MMRS/PA Region 13 (Sub-window):** A list of reports with checkboxes, including "MMRS/PA Reg. 13 Bed Status Board", "MMRS/PA Reg. 13 Equipment for Mass Casualty Trailers", "MMRS/PA Reg. 13 Hospital Asset Request Form", "MMRS/PA Reg. 13 Hospital Contact Information", "MMRS/PA Reg. 13 Hospital Status Board", "MMRS/PA Reg. 13 Local Cache", "MMRS/PA Reg. 13 Patient Capability Assessment Report", and "MMRS/PA Reg. 13 Patient Status Report".
- MMRS/PA Reg. 13 Patient Capability Assessment Report (Form Window):** Shows a "New Record" form with buttons for "Save", "Spell Check", "Cancel", and "Retrieve Record". The form title is "PATIENT CAPABILITY ASSESSMENT REPORT". Below the title is a descriptive text: "How many of each type of patient listed below can your EMERGENCY DEPARTMENT take in the time frames listed. Moderate patients NOW can a total of 8 within 30 minutes)." The form includes fields for "HOSPITAL:", "COUNTY:", "DATE:" (set to 8/7/2007), and "TIME:". A table follows with columns for "NOW", "30 MINUTES", "60 MINUTES", "90 MINUTES", and "120 MI". The rows are "LIFE THREAT" and "MODERATE", each with input boxes for each time frame. The "COMPLETED BY:" field is also present.
- UPMC- (Sub-window):** A list of reports including "Hospital Status", "Evacuation Needs by Unit Staffing Needs", "UPMC Medipac Bed Board", and "UPMC Regional Hospital Board".

Red arrows indicate the flow of navigation: from the "Patient Tracking Form" in the main menu to the "Patient Capability Assessment Report" in the sub-window, and from the "Patient Capability Assessment Report" in the sub-window to the "New Record" form in the form window.

Windows taskbar at the bottom shows: Start, Inboxes - Mic..., Microsoft P..., WebEOC 6..., MMRS/PA ..., -UPMC- M..., MMRS/PA ..., 11:03 AM.

# UPMC Medipac B

# Bed Board

NDMS Bed Availability

C = Capacity O = Occupancy A = Available (A = C - O)

Hospital Name	Adult ICU			Adult Long Term Care			Adult Med-Surg			Adult Monitored			Burn			Monitored Cardiac			Monitored Telemetry			Nursery			Nursery Level II			OB			Peds ICU			Peds Med-Surg			Psych			Rehab			StepDown		
	C	O	A	C	O	A	C	O	A	C	O	A	C	O	A	C	O	A	C	O	A	C	O	A	C	O	A	C	O	A	C	O	A	C	O	A	C	O	A	C	O	A	C	O	A
UPMC Shadyside	62	4	58	0	0	0	401	17	384	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	34	67
UPMC Presbyterian	690	18	672	192	0	192	3666	306	3360	552	30	522	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120	0	120	456	12	444
UPMC St. Margaret	23	13	10	0	0	0	227	120	107	33	28	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	9	7	0	0	0			
UPMC Horizon - Greenville	10	4	6	0	0	0	123	55	68	0	0	0	0	0	0	0	0	0	0	0	0	18	1	17	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	12	6	6	25	19	6
UPMC Braddock	9	6	3	30	21	9	94	46	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	43	19	0	0	0	14	10	4
UPMC McKeesport	23	17	6	49	27	22	168	86	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	28	10	16	7	9	24	21	3
UPMC South Side	13	6	7	0	0	0	46	29	17	0	0	0	0	0	0	40	34	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	53	7	0	0	0
UPMC Horizon - Shenango Valley	8	1	7	11	10	1	36	28	8	0	0	0	0	0	0	0	0	0	0	0	0	11	1	10	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	17	4	13
Western Psychiatric Institute	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	289	240	49	0	0	0	0	0	0
UPMC Passavant	24	22	2	0	0	0	199	163	19	0	0	0	0	0	0	30	28	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	10	14	0	0	0
Magee-Womens Hospital	6	6	0	20	16	4	79	69	10	42	42	0	0	0	0	0	0	0	0	0	0	80	71	9	66	63	3	74	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPMC Bedford	4	2	2	0	0	0	40	25	15	0	0	0	0	0	0	0	0	0	0	0	0	6	3	3	0	0	0	7	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Childrens Hospital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	49	10	200	175	25	0	0	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>872</b>	<b>99</b>	<b>773</b>	<b>302</b>	<b>74</b>	<b>228</b>	<b>5079</b>	<b>944</b>	<b>4118</b>	<b>627</b>	<b>100</b>	<b>527</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70</b>	<b>62</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>115</b>	<b>76</b>	<b>39</b>	<b>66</b>	<b>63</b>	<b>3</b>	<b>84</b>	<b>79</b>	<b>5</b>	<b>59</b>	<b>49</b>	<b>10</b>	<b>200</b>	<b>175</b>	<b>25</b>	<b>389</b>	<b>311</b>	<b>78</b>	<b>248</b>	<b>85</b>	<b>163</b>	<b>637</b>	<b>100</b>	<b>537</b>

# NDMS Bed Board

Daily Status View

NDMS Bed Availab

Hospital Name	Burn	ICU/Monitored	Medical/Surgical	Pediatric	Psychiatric
UPMC Shadyside	0	125	384	0	0
UPMC Presbyterian	0	1116	3480	0	0
UPMC St. Margaret	0	10	114	0	0
UPMC Horizon - Greenville	0	12	74	0	0
UPMC Braddock	0	7	48	0	19
UPMC McKeesport	0	9	91	0	10
UPMC South Side	0	13	24	0	0
UPMC Horizon - Shenango Valley	0	20	10	0	0
Western Psychiatric Institute	0	0	0	0	49
UPMC Passavant	0	4	33	0	0
Magee-Womens Hospital	0	0	10	0	0
UPMC Bedford	0	2	18	0	0
Childrens Hospital	0	0	25	10	0
<b>TOTALS:</b>	<b>0</b>	<b>1318</b>	<b>4311</b>	<b>10</b>	<b>78</b>

[Return to Medipac Bed Board](#)

2007 Pan Surge Drill

UPMC Significant E

# Significant Events

<b>1090</b>	<b>What CISM services will be available to hospital personnel. Will this be coordinated by corporate or by individual hospitals?</b>
horizong	<p><b>WPIC response: CISM and Behavioral Health services will surge after the Pandemic begins to resolve. WPIC CISM will coordinate services with individual hospitals and state and local CISM resources</b></p> <p><b>Horizon response: Horizon has "CISM Northwest" as the local provider. Possible assistance would be needed to include UPMC Northwest as a recipient of these services.</b></p>
05/18/2007	
08:37:49	
Alert	
Southside	
<b>1087</b>	<b>CCC- Staff members are questioning whether or not they are eligible for workmen's compensation for illness and other long term effects due to H5N1 infection? Has this been discussed?</b>
horizong	<p><b>Horizon Response: Our understanding is that during bioterrorism response planning, Corporate HR had developed a plan to manage this issue. Does one not exist?</b></p>
05/18/2007	
08:32:26	
Bulletin	
Presby	
<b>1107</b>	<b>CISM and Behavioral Health services will surge after the Pandemic begins to resolve. WPIC CISM will coordinate services with individual hospitals and state and local CISM resources</b>
fonters	
05/18/2007	
10:13:04	
Alert	
WPIC	
<b>1104</b>	<b>ESF8 Task: 1.) Public Health Emergency Recovery Plan needed for urban areas regarding rationalization of services and priority care and appropriate funding mechanisms</b>

# Mission Task Board

Originator Date/Time	Subject/Title	Mission/Reply			Status	
h 11/04/2006 10:00	Review NDMS MOU on PrepLink Secure Portal	Assure hospital operations are in accord with NDMS MOU re: patient acceptance and reimbursement. Go to PrepLink secure, then documents, then healthcare, then plans, then mou, see and open last item - UPMC-NDMS-MOU PUH Completed- are we to do something other than open the document ? Note: Will not print SSH reviewed. SMH does not have authorization to access.	UPMC Health System Hospitals	Immediate	11/04/2006 11:29:00	Assigned
h 11/04/2006 16:00	Communication with ESF8	CCC talked with Chuck Roger at ESF8 desk. Telephone is 412-473-3498. Chuck R is on WebEOC now and monitoring drill. suggest all hospitals send a question about status of NDMS drill to Chuck R. South Side received and question sent in Chat. SMH received and sent email to ESF 8 and roджерcf	UPMC Health System Hospitals	Immediate	11/04/2006 11:23:00	Assigned
h 11/04/2006 15:00	Request-Hospital Status -Complete Please.	Task for all. Please now enter and complete your hospital status Board. Bed Board status complete- SSH Bed Board stauts complet PUH SMH unable to update bedboard- 33 med/surg beds available, 3 rehab beds, no critical care Note: PUH Went back in - incorrect automatic Medipac update has obliterated manually updated correct information	UPMC Health System Hospitals	Priority	11/04/2006 10:26:00	Assigned
h 11/04/2006 15:00	STAFFING	All hospital please inform the Incident Command Center re your present staffing. ? Adequate or need additional staff- if so what type? No staffing needs at this time for UPMC SSH No staffing needs at PUH No staffing needs at SMH	_SELECT		11/04/2006 10:46:00	Assigned
h 11/04/2006 13:00	NIMS Patients Admissions Status	Needs (1) ICU, 4 Cardiac Monitoring. Can be accomodated in the OR	UPMC South Side	Priority	11/04/2006 10:38:00	Complete



## NDMS DRILL

## PA Region 13/MMRS Hospital P

## Patient Tracking

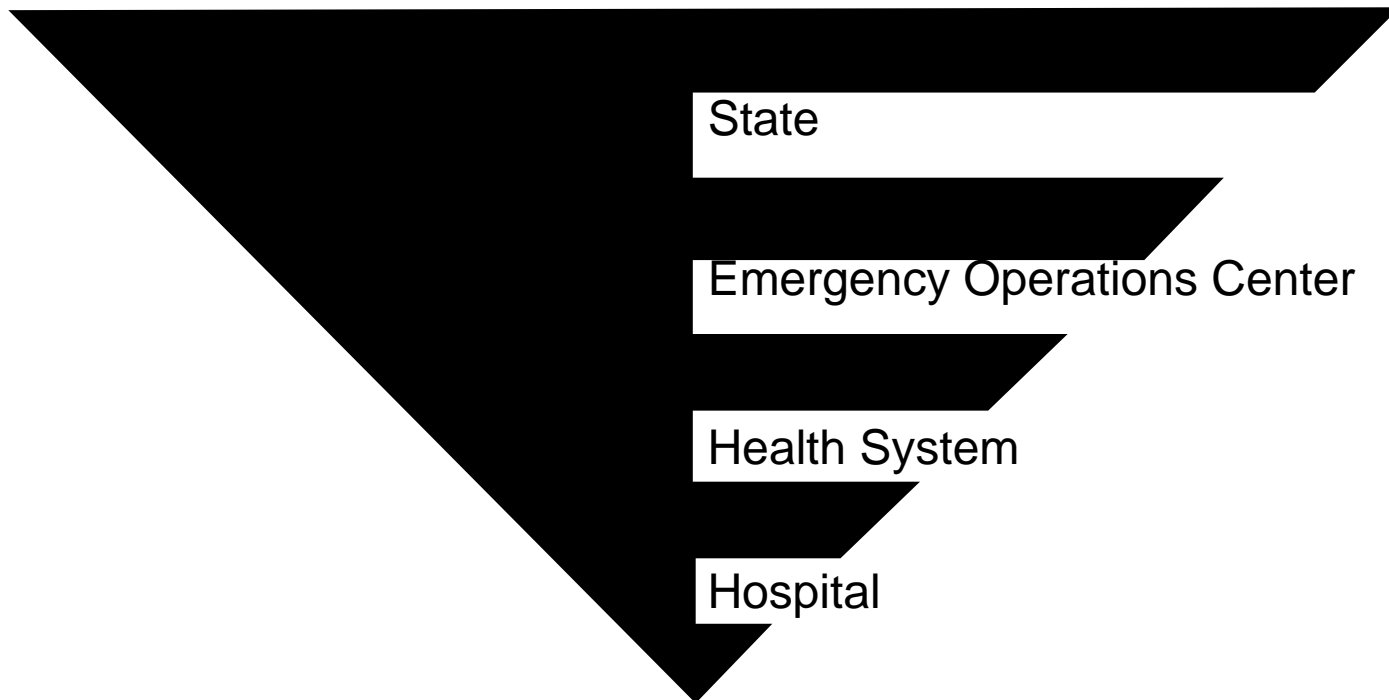
Hospital Name	Date/Time	Triage #	Patient Last Name	Patient First Name	Gender	Status/Triage Condition
UPMC Presbyterian	11/04/2006 11:26:00		Bowman	James	M	P
UPMC Passavant	11/04/2006 10:23:00	N0001360	Bowman	James	F	P
UPMC Presbyterian	11/04/2006 11:22:00		Sustern	David	M	P
UPMC Presbyterian	11/04/2006 11:21:00		Muelhman	Jeff	M	P
UPMC Presbyterian	11/04/2006 11:20:00		Kimmel	Lou	M	P
Allegheny General	11/04/2006 11:34:00				F	
UPMC Presbyterian	11/04/2006 11:19:00		Doe	John	M	P
UPMC Presbyterian	11/04/2006 11:33:00		Anderson	Meg	F	P
UPMC Passavant	11/04/2006 10:13:00	N0001359	Tunni	Elizabeth	F	Y
UPMC Passavant-Cranberry	11/04/2006 11:31:00	452507	Baines	Stephen	M	P
UPMC Passavant-Cranberry	11/04/2006 11:29:00	452507	Anderson	Meg	F	P
UPMC Presbyterian	11/04/2006 11:29:00		Hart	Mary	F	P
UPMC Presbyterian	11/04/2006 11:20:00	452507	Bayo	Jennifer	F	P
UPMC Presbyterian	11/04/2006 11:28:00		Baines	Stephen	M	G
UPMC Passavant-Cranberry	11/04/2006 11:27:00	452507	Sustern	David	F	P
UPMC Presbyterian	11/04/2006 11:25:00	452507	Tunni	Elizabeth	F	Y
UPMC Passavant	11/04/2006 10:28:00	N0001361	Carvill	James	M	Y
UPMC Presbyterian	11/04/2006 11:22:00	452507	Carvill	James	M	P
UPMC Presbyterian	11/04/2006 11:27:00		Weathers	April	F	P
UPMC Passavant-Cranberry	11/04/2006 11:26:00	452507	Hart	Mary	F	Y
UPMC Passavant-Cranberry	11/04/2006 11:24:00	452507	Kimmel	Lou	M	Y
UPMC Presbyterian	11/04/2006 11:23:00		Wilson	Eric	M	G
UPMC Presbyterian	11/04/2006 11:23:00	452507	Verdetti	Ann	F	G
UPMC Southside	11/04/2006 11:08:00		Bayo	Jennifer	F	P
UPMC Southside	11/04/2006 11:09:00		Williams	Brian	M	Y

**TO VIEW FULL TRACKING FOR FOR EACH PATIENT DOUBLE-CLICK ON PATIENT'S NAME**

# PrepLink<sup>(SM)</sup> Role-Based Security

---

This process provides hierarchical situational awareness.



# “Role-Based” Hospital Status Reports

UPMCA EOC Hospital Status Board Display - Microsoft Internet Explorer provided by UPMC

Daily Status View

Hospital-EM Emergency Operations Section

Organization Name	Diversion Status	Clinical Status	Emer. Ops Status	EM EOC Status	Facility Status	Security Status	Resources Staff	Facility Supplies	Clinical Supplies	Last Update
UPMC Northwest	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	07/27/2007 09:29:04

UPMC Northwest Hospital

UPMCA EOC Hospital Status Board Display - Microsoft Internet Explorer provided by UPMC

2007 Pan Surge Drill

Add A New Hospital

Hospital-EM Emergency Operations Section

HELE

Organization Name	Diversion Status	Clinical Status	Emer. Ops Status	EM EOC Status	Facility Status	Security Status	Resources Staff	Facility Supplies	Clinical Supplies	Last Update
Western Psychiatric Institute	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	08/07/2007 11:27:37 UPDATE HOSPITAL INFORMATION
UPMC St. Margaret	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	08/07/2007 11:27:18 UPDATE HOSPITAL INFORMATION
UPMC ShadySide	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	08/07/2007 11:27:07 UPDATE HOSPITAL INFORMATION
UPMC Presbyterian	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	08/07/2007 11:19:53 UPDATE HOSPITAL INFORMATION
UPMC Passavant-Cranberry	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	09/07/2007 11:19:46 UPDATE HOSPITAL INFORMATION
UPMC Passavant	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	09/07/2007 11:19:24 UPDATE HOSPITAL INFORMATION
UPMC Northwest	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	08/07/2007 11:19:09 UPDATE HOSPITAL INFORMATION
UPMC McKeesport	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	08/07/2007 11:18:48 UPDATE HOSPITAL INFORMATION
UPMC Magee-Womens Hospital	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	08/07/2007 11:18:24 UPDATE HOSPITAL INFORMATION
UPMC Horizon - Shenango	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	08/07/2007 11:18:06 UPDATE HOSPITAL INFORMATION
UPMC Horizon - Green	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	08/07/2007 11:18:24 UPDATE HOSPITAL INFORMATION

University of Pittsburgh Medical Center

UPMCA EOC Hospital Status Board Display - Microsoft Internet Explorer provided by UPMC

Daily Status View

Hospital-EM Emergency Operations Section

Organization Name	Diversion Status	Clinical Status	Emer. Ops Status	EM EOC Status	Facility Status	Security Status	Resources Staff	Facility Supplies	Clinical Supplies	Last Update
UPMC Northwest	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	07/27/2007 09:29:04
Meadville Medical Center	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	06/06/2007 17:10:22
Warren General Hospital	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	02/20/2007 15:06:54
VA Medical Center-Erie	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	02/28/2007 15:05:47
Titusville Area Hospital	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	02/28/2007 14:53:56
Shriners Hospital for Children-Erie	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	02/28/2007 14:53:56
Saint Vincent Health Center	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	02/28/2007 14:53:17
Millcreek Community Hospital	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	02/28/2007 14:48:14
Hamot Medical Center	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	02/28/2007 14:03:04
Corry Memorial Hospital	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	02/28/2007 14:03:04

Northwestern PA Emergency Response Group

UPMCA EOC Hospital Status Board Display - Microsoft Internet Explorer provided by UPMC

Daily Status View

Hospital-EM Emergency Operations Section

Organization Name	Diversion Status	Clinical Status	Emer. Ops Status	EM EOC Status	Facility Status	Security Status	Resources Staff	Facility Supplies	Clinical Supplies	Last Update
Children's Hospital of Pittsburgh	Open	Normal	Active	Activated	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 10:31:02
Western Psychiatric Institute & Clinic	Open	Normal	Inactive	Activated	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 10:26:22
UPMC McKeesport	Open	Normal	Active	Activated	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 10:29:51
Allegheny Community Hospital	Open	Normal	Active	Activated	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 10:29:51
UPMC McKeesport	Open	Normal	Active	Activated	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 10:29:51
Monour Medical Center	Overbalanced	High Utilized	Active	Activated	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 07:49:27
Monongahela Valley Hospital	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 07:48:13
The Washington Hospital	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 07:47:59
Allegheny Community Hospital	Overbalanced	High Utilized	Active	Activated	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 07:47:59
Excelsa Health, Frick Hospital	Overbalanced	High Utilized	Active	Activated	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 07:47:50
Excelsa Health, Latrobe Hospital	Overbalanced	High Utilized	Active	Activated	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 07:46:59
Mercy Jeanette Hospital	Overbalanced	High Utilized	Active	Activated	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 07:45:17
Allegheny Community Hospital	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 07:44:22
Magee Womens Hospital	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 07:43:49
UPMC Northwest	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 07:42:27
UPMC Bedford	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 14:10:27
Excelsa Health	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 14:10:27
Canonburg	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 14:10:27
Windber	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 14:10:27
Somers	Open	Normal	Inactive	Inactive	Normal	Normal	Adequate	Adequate	Adequate	06/08/2007 14:10:27

Commonwealth of Pennsylvania Hospitals

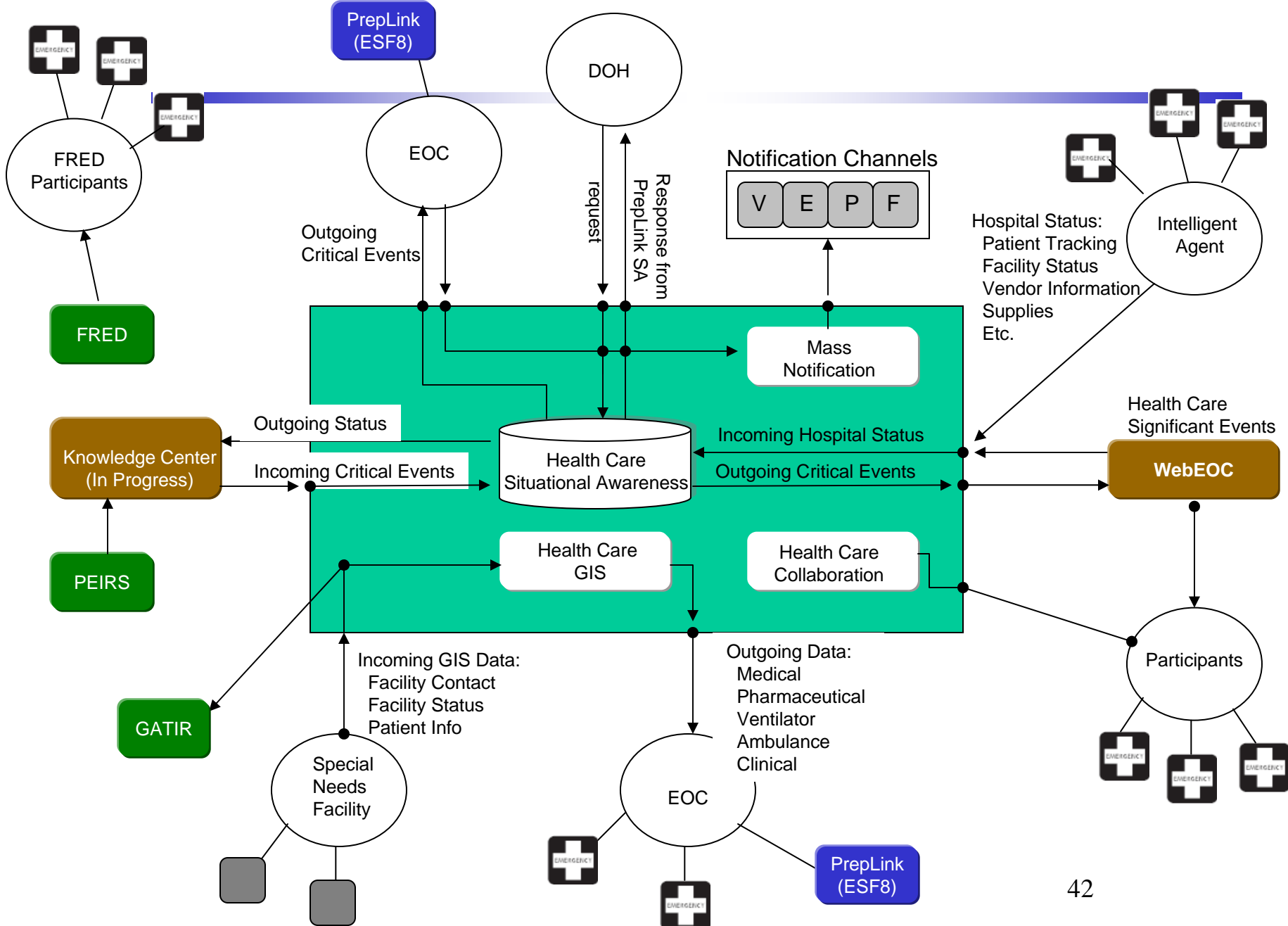


# Technical Design Principles

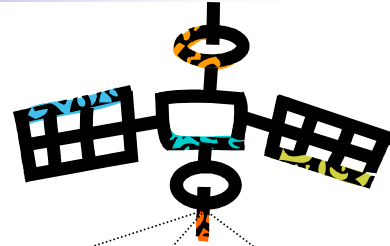
---

- **Interoperability:**
  - Within hospitals
  - Among hospitals
  - With regional public health and governmental entities
- **Conformance to technical standards and policies:**
  - HL7 (healthcare)
  - EDXL (emergency management)
  - American Hospital Assn./National Disaster Medical System (bed types)
  - OGC (map-based interfacing)
  - GSR168 (portal interface)
  - CMMI (software development)
- **Application designed for flexible use (Daily and/or event driven)**, i.e., bed management, mass communications, situational awareness, public information portal, and others.

# PrepLink<sup>(SM)</sup> Ability to Support ESF #8 Functions



# Prototype Satellite Network for Health Care Communications



**Northwest Hospital**



**AVL Satellite on UPMC Smart Unit**



**Raysat Mobile Satellite  
on EMS Vehicle**

# SMART Unit and Communications

---

- UPMC SMART Unit
  - Fully deployable
  - 2 bed surgery suite
  - Triage
  - Training & simulation
- Satellite communications
  - Video, data, VOIP
  - WiFi network
  - Telemedicine (audio scope, ultrasound)
- Raysat mobile system



# PrepLink's<sup>(SM)</sup> Installed Applications

---

- Used in Real-world Events (Power Losses, Water Losses)
- Used for coordination of planned events (Hospital Moves, DHS High Profile Events i.e. Major Sporting Events)
- Team Spaces (Project Planning, Response Planning)
- Installed technology that allows communication with thousands of care providers in the event of a disaster

# PrepLink<sup>(SM)</sup> Drills

---

2006:

- Operation Red Rose (September)
- NDMS (November)

2007:

- Pandemic Surge (May)
- Steel Rose (June)
- Red Rose II (July)
- Steel Hammer (September)

2008 (planned):

- Steel Rose II (TBD)
- Red Rose III (May)

# Questions

---

*Thank you for your time.*

For more information send questions to:  
[info@prelink.org](mailto:info@prelink.org)