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Leveraging Technology to Build a Disaster Response "System of Systems"

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Public

Extended Emergency Enterprise

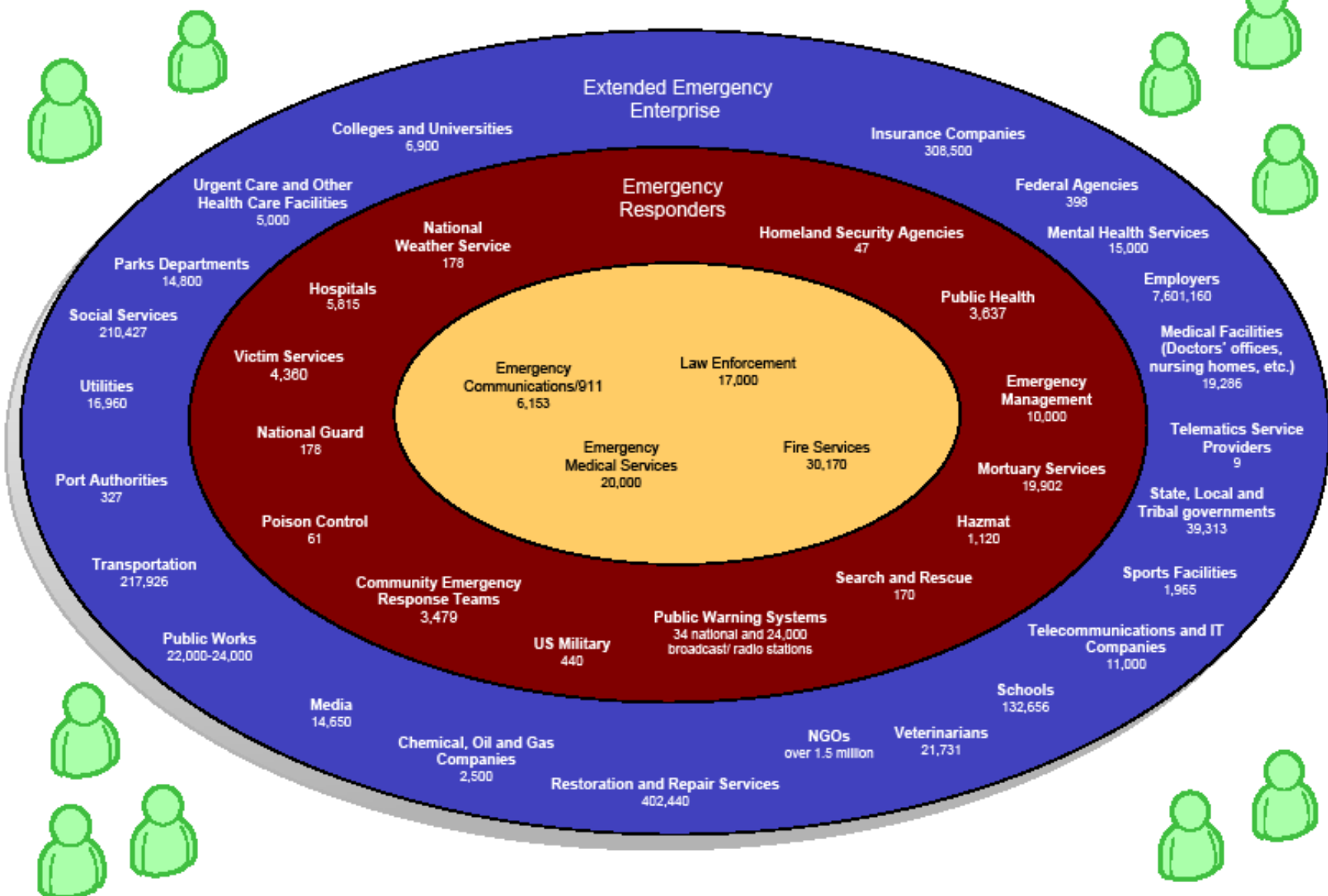
Emergency Responders

Emergency Communications/911
6,153

Law Enforcement
17,000

Emergency Medical Services
20,000

Fire Services
30,170





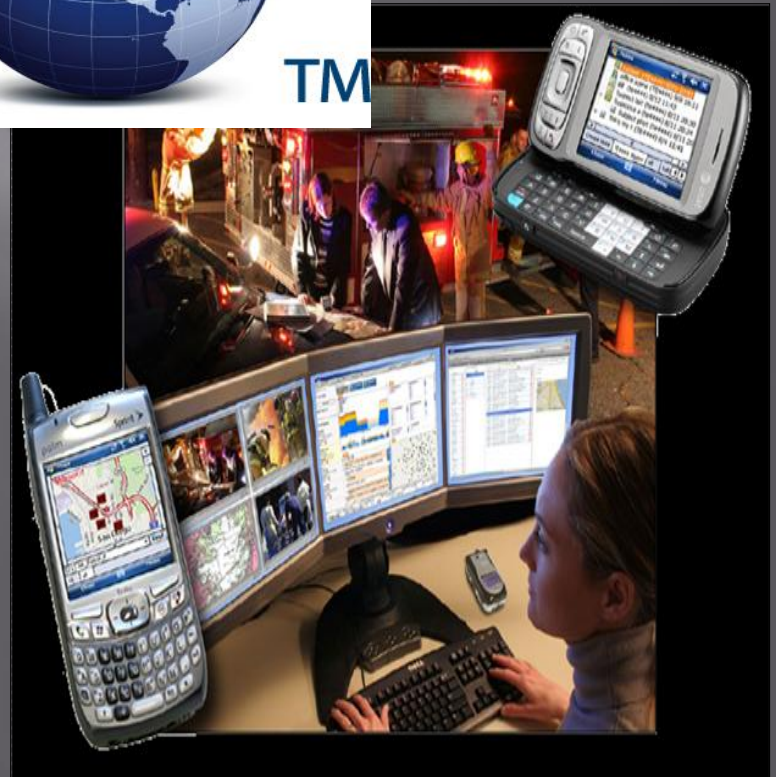




VIRTUAL USA

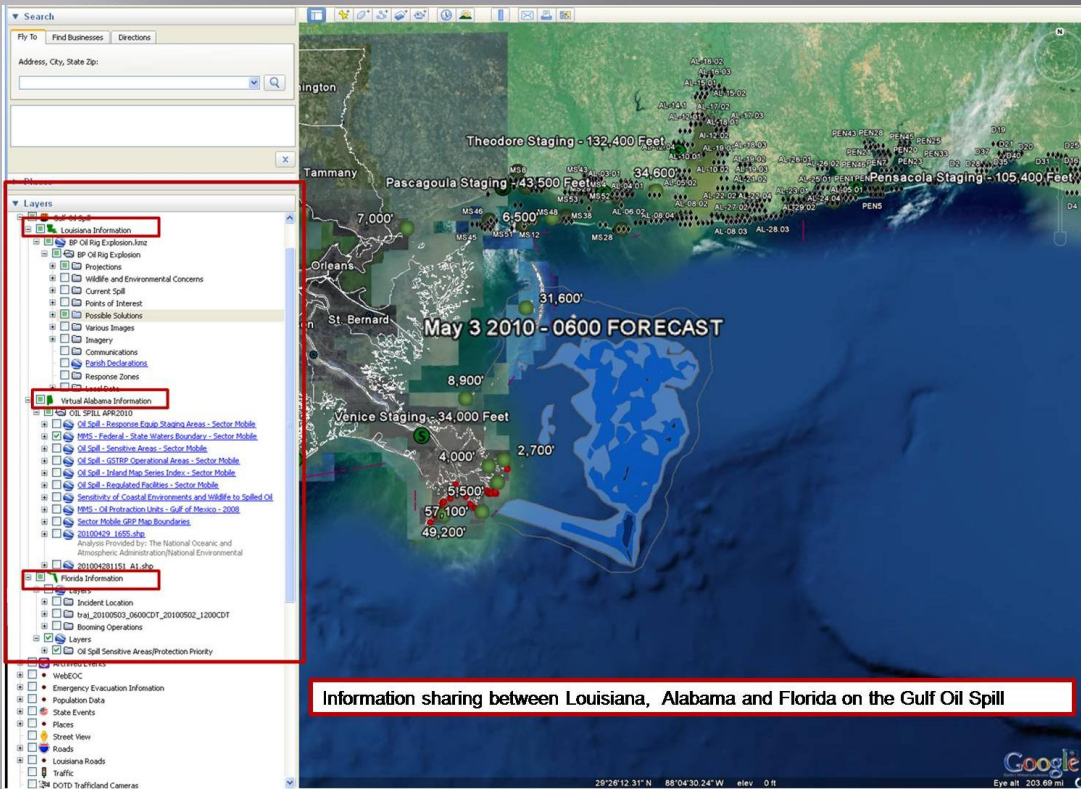


TM



“Within a few days of the actual explosion (e.g.: oil spill), Louisiana, Alabama and Florida quickly coordinated the sharing of each states data in our individually operated state platforms, which was also able to share with the Virtual USA platform. We have benefited from one another and this was all possible through the relationships that have been established through our collaboration in the vUSA pilot”

Brant Mitchell the Deputy Director of the Louisiana Governors Office of Homeland Security and Emergency Preparedness (GOHESEP) quoted in “Disaster Response in the Gulf;” Mission Critical Magazine, September 2010



Information sharing between Louisiana, Alabama and Florida on the Gulf Oil Spill

The screenshot shows the Environmental Response Management Application (ERMA) interface. The top navigation bar includes 'Membership', 'Advanced Search', 'Help', and 'Logout'. The main content area is titled 'Environmental Response Management Application (ERMA)'. On the right side, there is a warning box from the U.S. Department of Homeland Security: 'WARNING: FOR OFFICIAL USE ONLY. You are about to access a U.S. Government computer system. Access to this system is restricted to authorized users only. Individuals who access this system without authorization, or exceed authorized access, could be...'. Below the warning, there are sections for 'Maps, Graphics & Modeling Library (Os)', 'ERMA [1]', and 'Environmental Response Management Application - NOAA'. The bottom of the interface shows 'Powered by ERMA®'.

The screenshot shows the SERT GATOR v2.1 Geospatial Assessment Tool for Operations and Response. The map displays the Gulf of Mexico coastline with various staging areas and response zones. The tool includes a 'Live Maps' panel on the right with 'Layer Visibility' and 'Routine RECON Reports' sections. The 'Routine RECON Reports' section shows several reports with status indicators (green and orange) and descriptions of the areas and times. The 'Priority RECON Reports' section shows reports with orange status indicators. The map also displays various geographical features, including the Gulf of Mexico, the Florida peninsula, and the Louisiana coast. The Google logo is visible in the bottom right corner of the map area.



Social Media Landscape



SOME RIGHTS RESERVED





https://op.vdm.../viper/ x Create Map
Freedom Way
Virginia Interoperability Picture for Emergency Response
VDEM VIPER v.7 generated by ESRI ArcGIS
VA Events
Alabama Events
Live Maps
Search Flickr
Search tornado
Last Refreshed Search Map Area
Clear
UNITED STATES
EMERGENCY RESPONSE



Source: Socialbeat.com



Source: Ushahidi.com

 **American Red Cross** Join us! American Red Cross The head of our American Red Cross delegation in Haiti sent us a few photos from Port-au-Prince last night.

 **Earthquake in Haiti: Photoessay**
www.youtube.com
A photoessay with images from Jan. 12 - Jan. 13 of the disaster in Haiti.

7 minutes ago · Share

4 people like this.

 **Chris Barnes** wow. that is just horrible
4 minutes ago · Report

 **Debrau Major** This is terrible. My people were already living in squalor, now this. Im gonna continue to pray and donate to them.
2 minutes ago · Report

 **Timothy Paul Tolar** Thanks for being there on the front lines and keeping us informed... there is so much work to be done there.
about a minute ago · Report

 **American Red Cross**

DONATE NOW

The Collaboration Continuum

