



Interoperability Pavilion

Demonstration Scenario Hurricane



SCENARIO DESCRIPTION

The National Hurricane Center warns of a Category 4 hurricane to hit landfall in Southeastern Florida within days. As the threat gets closer, local, state, and regional EOCs rapidly gear up to prepare for and respond to incidents that the hurricane might spawn. Warnings have been disseminated to the public, the media, and to all emergency agencies. The EOC issues evacuation orders.



As the slow-moving hurricane hits with 150 m.p.h. winds, the initial devastation is immense. The local first responders become victims themselves as several fire stations receive damage as well as large numbers of patrol cars. Because fallen trees and debris are blocking roadways, many communities are isolated with no communications or electricity. Reports begin to come in regarding looting in some counties that were evacuated. Public Works needs heavy equipment to unblock roadways. The County EOC needs help from the National Guard to control looting.



Search and rescue teams have been activated and are transporting victims to local shelters. As the shelters become full, there is a need for tent cities to accommodate an additional 100,000 people. Because of extensive damage, outside resources will be deployed for an extended period of time.

STANDARDS BEING DEMONSTRATED



Common Alerting Protocol* (CAP) messages are sent out to everyone in the area from the National Weather Service. Emergency response agencies send notifications to key personnel.

Public Works sends out an **EDXL Resource Order, Acknowledgement, and Dispatch Resource** for heavy equipment to the state EOC and Department of Transportation; the County EOC sends a resource request to the State EOC for National Guard assets, and the State EOC sends a resource request to FEMA to establish tent cities for 100,000 people. Each receiving agency acknowledges the request. The state EOC dispatches heavy equipment and National Guard assets.



VENDORS PARTICIPATING



CAP*	1.0	Buffalo Computer Graphics (BCG), Roaming Messenger, ESS, MyStateUSA, PolarLake, NC4
EDXL Resource Message Prototype (Includes DE)	Order Resource	PolarLake, MyStateUSA, Oracle, Roaming Messenger
	Acknowledge Request	PolarLake, MyStateUSA
	Dispatch Resource	PolarLake, MyStateUSA

* An OASIS approved standard