



National Emergency Technology Guard NET Guard

California Resiliency Alliance

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FEMA, Individual and Community Preparedness Division



FEMA

Citizen Corps

Bringing community and government leaders together to involve community members and organizations in all-hazards emergency preparedness, planning, mitigation, response, and recovery

Collaboration, Planning, Building Capacity & Resiliency



Outreach & Education



Training & Exercises



Volunteer Programs & Surge Support



citizen★corps



NET Guard Snapshot



National Emergency Technology (NET) Guard

Concept:

- Teams of volunteers with verified relevant expertise to support temporary IT & Communication systems and temporary IT&C services
- Tested as local assets deployed through pre-disaster agreement with local EM for public and nonprofit entities providing essential services
- Teams established and maintained by governmental or private-sector sponsors, or both

Out of scope:

- Teams will not respond to cyber incidents that require real-time network response.
- Teams will not engage in full repair or reconstruction of public and private sector proprietary information management systems or other IT and communications systems.
- Teams supplement but do not substitute for government pre-disaster planning and contracts



National Emergency Technology (NET) Guard

Program Background:

- IT and Communications recognized as critical in disaster response
- Significant Skilled Services and equipment volunteered in disasters

Examples of past services by individuals, organizations, corporations

- Donated laptops for communication in Astrodome, evacuee management, health departments, emergency management
- Wireless internet access points
- Broadband access for shelters
- Emergency databases
- Family reunifications systems

- Telephone banks
- Hospital communications
- Interoperable voice and data for responders
- Video safety surveillance
- Emergency portals for insurance claims, housing, banking, jobs
- Volunteer and donations management

- Authorized by the Homeland Security Act of 2002 (P.L. 107-296)
- Initial concept designed from a DHS scoping initiative and developed with government and private sector stakeholders
- Potential addition to Citizen Corps Partner Programs



NET Guard FY 08 Definitions

- **Local Asset:** Teams are a local asset, managed at the local level, and deployed in response to a request from local or State authorities.*
- **Mutual Aid:** * Teams are designed for incorporation into regional mutual aid and assistance agreements.
- **Public/Private models:** Teams will be established and maintained by governmental or private-sector sponsors, or both.
- **NIMS Organizational Framework:** NET Guard teams will utilize National Incident Management System (NIMS) and Incident Command System (ICS) principles, concepts and training for incorporation into overall incident response.
- **Citizen Corps Program:** NET Guard is envisioned as a national Citizen Corps Partner Program affiliated with local emergency management, integrated into local Emergency Operations Plans, and organized in partnerships among local government and private sector.



Public Private Partnership Models

Approaches

1. Public Sector, Government Based Models
2. Private Sector, Corporate Based Models

Common program elements; Defined roles

- Partnership incentives and roles
- Defined Functions and Capabilities
- Recruiting
- Training
- Credentialing
- Team Organization
- Risk Management /liability
- Integration in EOP
- NIMS and ICS
- Deployment protocols including potential for mutual aid
- Communications
- Exercises
- Equipment
- Sustaining Budget



Public Sector, Government Based Models

Concept

- Teams sponsored by government with individual volunteers
- Governmental responsibility for organizing, staffing, training and deploying teams
- Partnerships with private sector for expertise and resources including needs assessment, development, recruitment, training

Pilots applying and refining the concept

- Four UASI jurisdictions selected through FY 08 competitive process are currently piloting this model:

Hamilton County, IN

City of Austin, TX

Cottonwood Heights City, UT

City of Chesapeake, VA



FY 2008 Public Sector Pilot Program

- **Examples of NET Guard Pilot functions:**
 - Information sharing and needs assessment with critical infrastructure
 - Mobile capability for shelters, volunteer reception center sites, special needs evacuation center/ staging area
 - Communication backup for the EOC or isolated critical City offices
 - Staffing expertise for mobile capability for essential services for public
 - Staffing expertise for GIS applications, social networking



Private Sector, Corporate Based Models

Concept

- Teams sponsored by private sector with their affiliated volunteers
- Private sector responsibility for organizing, staffing and training teams to be deployed through emergency management
- Partnerships with government for needs assessment, credentialing, pre-disaster integration, joint exercises and training

Applying and refining the concept

- During FY 2009, FEMA will identify and work with Private Public Partnerships to consider and refine the concept for application to their partnerships and jurisdiction



FY 2009 Private Sector Model Development

- **Initial considerations to refine and apply model**

- Focus on mutual benefit, relationships, community/business resiliency
- Include pre-disaster partnerships for joint planning, training and exercises
- Identify needs, functions and capabilities with local, state, tribal governments; nonprofits providing essential services; community based organizations and services
- Address role of pre-disaster contracts, voluntary services, and competitive environment in context of roles & responsibilities of partners
- Provide pre-disaster vehicle/s, agreements and protocols to facilitate integration in local EOPs with potential for state, regional, national levels
- Consider and address risk management and liability



Opportunities to help refine the models

Steps in developing and refining model

- Document existing examples of private sector voluntary support
- Document best practices of successful private public partnerships with strong private sector participation
- Identify and work with partnerships with potential and interest to develop, refine and document applied NET Guard models

Next Steps:

- Contribute your examples of private sector voluntary support
- Consider application of NET Guard concept here through CRA
- Refine the concept based on your needs, resources, partners
- Identify the issues and protocols to address in order to develop a concept of operations



Next steps: Refining models through application

Questions to refine:

- What are key services that a NET Guard Team would provide? And what types of services/responses are out of scope?
- What are the roles of Public and Private sector partners?
- How would capabilities be validated, volunteers credentialed?
- What pre-disaster vehicles and protocols would be required by public and private sector to integrate resources into EOP? For joint training and exercises? For deployment? To build basis for mutual aid?
- What are some benefits for corporate/non-profit participation?
- What is the relationship between pre-disaster contracts and the role for voluntary services?
- How would risk management and liability be addressed?
- **What are other critical issues?**





Questions and Discussion?

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