Installation Protection Integration Platform (iP2)

iP2

Description

iP2 is a emergency response and information management system focused on the incident command post (ICP) to emergency operations center interface with "All-Hazards" capable functionality. iP2 provides an integration platform that facilitates interoperability and provides a common operating picture (COP) that enables situational awareness for on-scene response and off-scene support personnel during all phases of incident management activities. The primary operators of the system are Department of Defense (DoD) civilians to include installation emergency management personnel, decision makers and first responders.

Mission

Integrate commercial off-the-shelf (COTS)/government off-the-shelf (GOTS) information technology solutions,fusing policies and technologies to deliver an improved capability to DoD installations and facilities for near real-time information sharing and dissemination in support of incident management operations.

Capabilities

- ❑ Government Owned
- ❑ Integrated Mass Warning and Notification
- ❑ Common Alerting Protocol (CAP) Messaging
- ❑ Role Based Architecture for First Responder
- ❑ Open Architecture Framework
- ❑ Network-Based
- ❑ Integrated and Collaborative Map-Based COP
- ❑ Interface with GOTS/COTS Sensor Networks
- ❑ Hazard Prediction and Plume Modeling
- ❑ Simultaneous Management of Multiple Incidents
- ❑ DHS Public Alert and Warning System Compatible for Information Sharing with Local Entities
- ❑ Real-Time Weather Feeds
- ❑ Roadblock Reports
- ❑ Near Real-Time Horizontal and Vertical Communication
- ❑ Biological Event Remediation Planning
- ❑ Critical Infrastructure Prioritization and Restoration
- ❑ Resource Management
- ❑ File Library
- ❑ Log Capability
- ❑ Standard Operating Procedure and Directive Searchable Database

Users

Reserves, National Guard Bureau, US Navy, US Marine Corps, US Coast Guard, US Army, US Air Force

Status

Sustainment

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Point of Contact: Chemical, Biological, Radiological, & Nuclear Information Resource Center (CBRN IRC), CBRN.IRC@mail.mil,
Toll Free: 1-800-831-4408, Commercial: (309) 782-7349, DSN: 793-7349, Fax: (309) 782-1919