

SensorNet

There is an escalating potential that a chemical, biological, or radiological event could occur domestically. For this reason we have developed the SensorNet system.

SensorNet is a consequence management system to rapidly respond to a chemical, biological, or radiological domestic event. By strategically locating remote sensors throughout the United States, critical information can be sent to a national command center within minutes of an event. This information includes the location of the event, identification of the agent released, its directional path over time, and the number of people that could be affected.

By receiving this information on an almost real-time basis, the national command center can immediately dispatch first responders to the event area. Provided with detailed information from the SensorNet system, the effectiveness of the first responders will be greatly enhanced. They will know the exact agent involved and immediately execute the appropriate treatment. Also, areas in the projected path of the release can be evacuated in advance.

A limited field-testing of the SensorNet system has been successfully conducted. Deployment and plans for deployment of SensorNet systems in certain areas of the country are now underway. It is possible to rapidly deploy a nationwide SensorNet system because the technology, physical infrastructure, and sensors presently exist.

