



PARAGON
RESEARCH CORPORATION
A MODEL OF EXCELLENCE

RapidSense®



**Portable CRNE Detection for Harsh Environments
(Saving lives one sensor array at a time)**



Paragon's Emergency Operations Dashboard

RapidSense® 2.0

Portable Chemical Radiation Nuclear and Explosives Detector

Feature Highlights:

- Current deployment for Law Enforcement & First Responder vehicles/vessels and fixed sites for real-time CRNE detection and identification
- Direct reduction impact to the increased rates of cancer within the Fire Fighter community – The CDC reported that 68% of all fire fighters will develop some form of cancer!
- Modular sensor system for deployment on vehicles, vessels and stand-alone applications
- Continuous monitoring with automated remote alerting capabilities
- Fully ruggedized to survive 3ft drop, extreme operating temperatures and water spray
- Automated power-up and connection to our Emergency Operations Dashboard
- Detector operates over Wi-Fi, Cellular or hardline communication channels
- Simplified Google Earth based user interface Dashboard for easy operations
- Over 100+ Toxic Industrial Chemicals, Toxic Industrial Materials, Explosives sensors available
- Commercial Sodium Iodide (CS) and Commercial Lanthanum Bromide (CL) configurations available for radiation detection and identification applications
- RapidSense® Battery Pack available for stand-alone applications

RapidSense® is a portable, rugged and highly accurate chemical, explosive and radioisotope detector and identifier. RapidSense® was specifically designed to meet the U.S. Department of Homeland Security (DHS) mission requirements for a next-generation system capable of detecting and identifying varied chemical, explosive and nuclear threats.

The RapidSense® provides critical need-to-know information for real-time CRNE threat assessment. Applications include: Fire Response, Toxic Spill, Customs Inspection, Border Protection, Radiological/ Nuclear Facilities, Personnel Monitoring, Military Installations.



Paragon Research Corporation
4845 University Square Drive
Huntsville, AL 35816

RapidSense® 3.0

DoD Mil-Standard Portable Chemical Radiation Nuclear and Explosives Detector

Feature Highlights:

- Modular sensor system for deployment on DoD vehicles, vessels and fixed site applications
- Continuous monitoring with automated remote alerting capabilities
- Fully ruggedized to survive warfighter extreme operational environments
- Automated power-up and connection to BM/C4 DoD architecture
- Detector operational over DoD secure communication channels
- Over 100+ Toxic Industrial Chemicals, Toxic Industrial Materials, Explosives sensors available
- Commercial Sodium Iodide (CS) and Commercial Lanthanum Bromide (CL) configurations available for radiation detection and identification applications
- RapidSense® Battery Pack available for stand-alone applications

The RapidSense® 3.0 – providing a portable, rugged and highly accurate chemical, explosive and radioisotope detector and identifier. RapidSense was specifically designed to meet the U.S. Department of Homeland Security (DHS) mission requirements for a next-generation system capable of detecting and identifying varied chemical, explosive and nuclear threats. The 3.0 version will contain all the current 2.0 capability with the Mil-Specification standards and ratings.

The RapidSense® 3.0 is easy to use while supplying the operator with quick, simple, specific information for threat assessment. Applications include: Green Zone entry and exit, Customs inspection, infrastructure protection, and radiological facilities/personnel monitoring.

Transition to RapidSense® 3.0

- Repackage into ruggedized Mil-Standard platform
- Electronics and Power – DoD vehicle interface & Comms.
- Interface and integration into BM/C4 architecture
- Inner secure connection to multiple devices for enhanced situational awareness interrogation



Partnering With DoD to Protect the Warfighter

RapidSense® 4.0

DoD Mil-Standard Portable Chemical Radiation Nuclear and Explosives Detector

Feature Highlights:

- Modular sensor system for deployment on DoD vehicles, vessels and fixed site applications
- Continuous monitoring with automated remote alerting capabilities
- Fully ruggedized to survive warfighter extreme operational environments
- Automated power-up and connection to BM/C4 DoD architecture
- Detector operational over DoD secure communication channels
- Over 100+ Toxic Industrial Chemicals, Toxic Industrial Materials, Explosives sensors available
- Commercial Sodium Iodide (CS) and Commercial Lanthanum Bromide (CL) configurations available for radiation detection and identification applications
- RapidSense® Battery Pack available for stand-alone applications

The RapidSense® 3.0 – providing a portable, rugged and highly accurate chemical, explosive and radioisotope detector and identifier. RapidSense was specifically designed to meet the U.S. Department of Homeland Security (DHS) mission requirements for a next-generation system capable of detecting and identifying varied chemical, explosive and nuclear threats. The 3.0 version will contain all the current 2.0 capability with the Mil-Specification standards and ratings.

The RapidSense® 3.0 is easy to use while supplying the operator with quick, simple, specific information for threat assessment. Applications include: Green Zone entry and exit, Customs inspection, infrastructure protection, and radiological facilities/personnel monitoring.

Transition to RapidSense® 3.0

- Repackage into ruggedized Mil-Standard platform
- Electronics and Power – DoD vehicle interface & Comms.
- Interface and integration into BM/C4 architecture
- Inner secure connection to multiple devices for enhanced situational awareness interrogation



Partnering With DoD to Protect the Warfighter