

2011 InterAgency Board (IAB) *R&D Priority List*



This survey was vetted through the IAB membership. The research and development items were assessed based on the following criteria: urgent need, life safety, mission performance, incident management, compatibility or interoperability, use by multiple responder disciplines, and use in day-to-day operations as well as major incidents.

Please visit www.iab.gov for more detailed information on the survey and priority items.

1	Seamless Communication with Environments that Interfere with Radio Transmissions
2	3-D Tracking of Personnel
3	Handheld Standoff Chemical and Explosive Identifier
4	Noise-Filtering Digital Speaker/Microphone for SCBA Facepiece
5	Hands-Free Radio Intercom
6	Emergency Responder Body-Worn Integrated Electronics System Development
7	Incident Management Accountability System
8	Bomb Suit Protective Ensemble with SCBA Interface
9	Vehicle-Borne Improvised Explosive Device (VBIED) Render-Safe Tool
10	Rapid System(s) to Decontamination Vehicle Interiors
11	Radio and Battery Usage Rating Standardization
12	Respiratory Escape Device for SCBA
13	Unknown Substance Field Screening Skills Proficiency Evaluation Program
14	Device for Standoff Casualty Triage
15	Conops Analysis for Robotic Applications within the Fire Service
16	Equipment/Supply Guide for Relocating Special Needs Evacuees
17	Guide for Increasing Patient Transport Capability
18	Proactive Training Resource (PTR) Initiative
19	Modeling, Simulation, Gaming Software Evaluation Tool
20	Enhanced Decontamination Capability for Special Needs Victims
21	Weapons Contamination/Decontamination Study