



# 2012 The InterAgency Board (IAB) *R&D Priority List*

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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](http://www.iab.gov) for more detailed information on the survey and priority items.

1. Emergency Responder Body Worn Integrated Electronics System Development
2. Enhance Communications in Environments that Interfere with Radio Transmissions
3. 3-D Tracking of Personnel
4. Hands-Free Radio Intercom
5. Handheld Standoff Chemical and Explosive Identifier
6. Noise-Filtering Digital Speaker/Microphone for SCBA Facepiece
7. Detection of Airborne Hazards at Fire Scenes
8. Rapid System(s) to Decontaminate Vehicle Interiors
9. Vehicle-Borne Improvised Explosive Device (VBIED) Render Safe Tool
10. APR and PAPER Applicability in the Post Fire Environment
11. Incident Management Accountability System
12. Equipment/Procedures for Interim Field Decon of Firefighting Personnel and Equipment After Structure Fire Fighting
13. Device for Standoff Casualty Triage
14. Guide for Increasing Patient Transport Capability
15. Unknown Substance Field Screening Skills Proficiency Evaluation Program
16. Radio and Battery Usage Rating Standardization
17. Conops Analysis for Robotic Applications within the Fire Service
18. Modeling, Simulation, & Gaming Software Evaluation Tool
19. Proactive Training Resource (PTR) Initiative
20. Equipment/Supply Guide for Relocating Special Needs Evacuees
21. Enhanced Decontamination Capability for Special Needs Victims
22. Weapons Contamination/Decontamination Study