Office of Radiological Security
RadSecure 100 & Mobile Source Security

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RadSecure 100 Overview and Strategies

RadSecure 100 expands radiological security in the top 100 major metropolitan areas of the United States.

Permanent Risk Reduction
- Conduct campaigns to replace radiological devices with alternative technologies that do not require a radioactive source where possible, while removing sources that are no longer needed.

Security Enhancements
- Complete security enhancements at remaining buildings.
- Implement security for mobile sources.
- Sustain security enhancements where permanent risk reduction is not feasible.

Response Integration
- By engaging senior city and law-enforcement leadership, ORS works to integrate radiological security planning, prioritization of alarms at 911 Centers, and training support and training aids on a city/region-wide level to ensure a swift, robust response to a potential radiological theft event.
Mobile Source Security – Overview

“Radioactive material is most vulnerable during transport” (IAEA, 2008)

ORS collaborated with industry partners to develop and deploy Mobile Source Transit Security (MSTS) system to enhance the security of mobile radioactive sources for radiography and well-logging

• Partnering with major radiography and oil service companies to design and field systems.
• Pilot systems completed
• Deploying domestically and to international partners this year
Mobile Source Security – Mission Goals

• Improved security stance and situational awareness
• Grow industry adoption of tracking technologies
  • Pursue partnerships beyond larger corporate entities
  • Transfer to private sector to provide low-cost and sustainable technology
  • Continue collaboration with regulator agencies to raise awareness and integrate MSTS
• Continued outreach in support of RadSecure 100
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