

# Countering Explosive Threats – A Comprehensive Approach

**Prevent and counter** acts of explosives terrorism by **defeating** a range of explosives in a dynamic variety of missions and **operational scenarios**.

## Capabilities



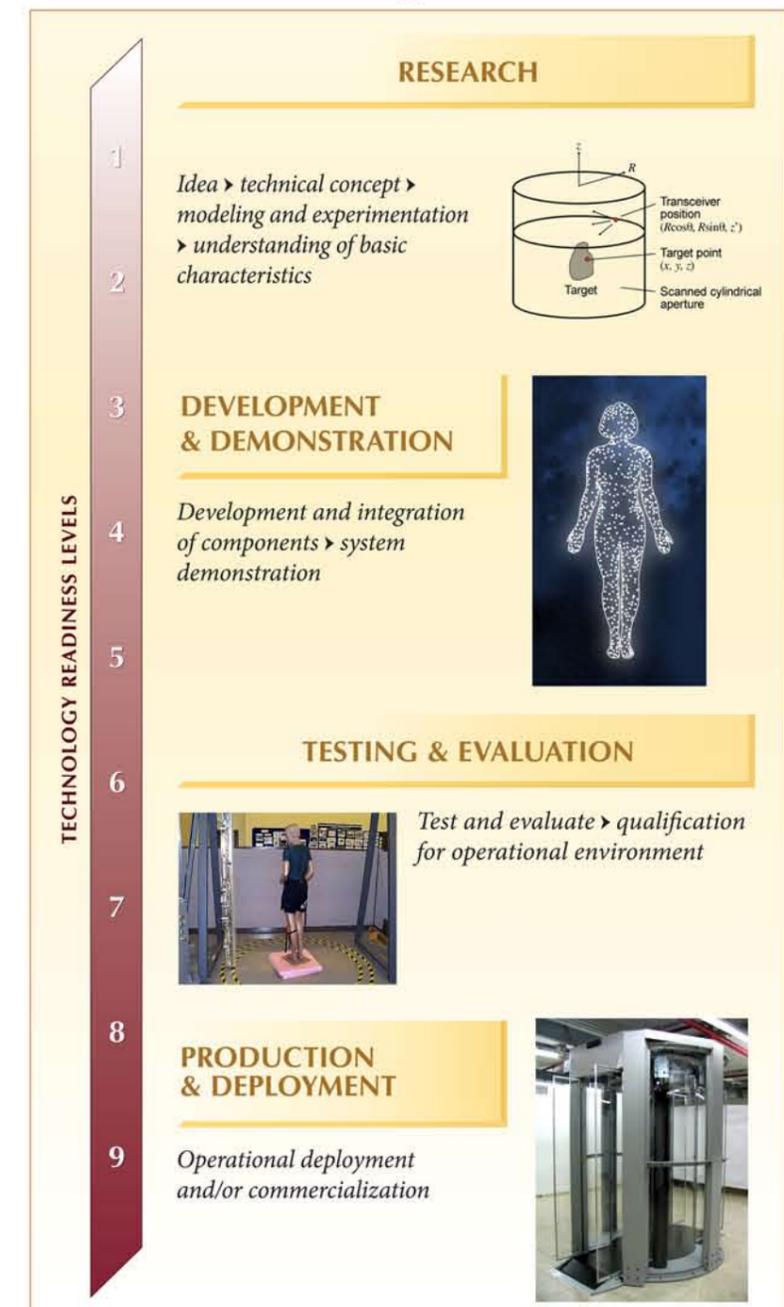
## National Laboratory Contributions

- Using science and technology to strengthen capabilities in chemistry, physics, and nuclear detection methods for explosives
- Developing new, more sensitive, explosives detection and standoff technologies
- Developing the R&D agenda to guide the long-term national strategy to defeat explosives
- Deploying and demonstrating technologies in operational environments to drive improvements in
  - Technology to defeat explosives-based threats
  - Concepts of operations
  - End-user training

## Collaborations

- DOE National Laboratories
- Government agencies (e.g., DOD, DHS, DOE, Department of Justice)
- Universities (e.g., Washington State University, University of Washington)
- User Community
  - NYPD
  - Secret Service
  - Port Authority of New York and New Jersey
  - Port of Seattle

## Translating Needs to Technologies



For more information, contact:  
**Northwest Regional Technology Center**, <http://nwrtec.pnl.gov/>  
 Steve Stein, Director, [steve.stein@pnl.gov](mailto:steve.stein@pnl.gov), (888) 347-6983



Science-Based Solutions for Homeland Security

