

**NDIA**

PROTECTING NATIONAL SECURITY SINCE 1918

2008 HOMELAND SECURITY

## S&T STAKEHOLDERS CONFERENCE WEST

PUTTING FIRST RESPONDERS FIRST

► Explosives ► Chemical & Biological ► Command, Control & Interoperability  
► Borders & Maritime Security ► Human Factors ► Infrastructure & Geophysical

SCIENCE AND TECHNOLOGY



LOS ANGELES CONVENTION CENTER • LOS ANGELES, CA

JANUARY 14-17, 2008  
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# Expanding the RKB

**George Ryan**

**Director**

**Test & Evaluation and Standards**

**Science and Technology Directorate**

**Department of Homeland Security**

***“Putting First Responders First”***



**Homeland  
Security**

**Science & Technology**



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## Welcome to the RESPONDER KNOWLEDGE BASE

"Created to provide Emergency Responders, purchasers, and planners with a trusted, integrated, on-line source of information on products, standards, certifications, grants, and other equipment-related information."

### Partnerships

[View all RKB Partners](#)



**National Association of Emergency Medical Technicians**  
<http://www.naemt.org/>

### RKB Today

Thursday, Dec 20, 2007

[Receive priority news via Email](#)

- » **NEW!** [Comments Deadline Extended for Proposed Practice Standard for Radiological Emergency Response](#)  
December 18, 2007
- » **NEW!** [Proposed Practice Standard for Radiological Emergency Response Now Available for Comment](#)  
December 14, 2007
- » [RKB Releases New Product Comparison Table Feature](#)  
November 27, 2007
- » [RKB System Maintenance Sunday between 8am and 12pm EST](#)  
November 15, 2007
- » [Personal Protective Equipment Conference on November 28-29, 2007](#)  
November 9, 2007

### RKB Recommends

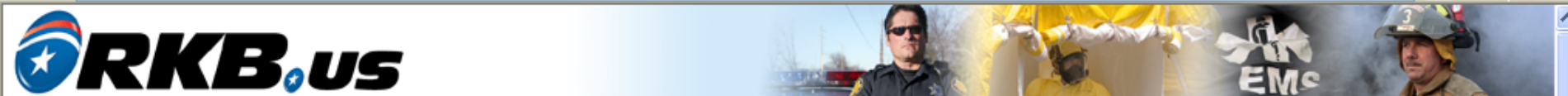
#### [DHS S&T Tech Solutions](#)

The goal of TechSolutions is to field technologies that meet 80% of the operational requirement, in a 12 to 15 month time frame, at a cost commensurate with the proposal (but less than \$1 million per project). Goals will be accomplished through rapid prototyping and the identification of existing technologies that satisfy identified requirements.

Grants >> [DHS S&T Tech Solutions](#)

### Other Recommendations

#### [Decontamination Efficacy Matrix](#)



Products



Search Phrase:

- Results by Category:**  
**All (5021)**  
 [-] Product (5021)  
   + Personal Protective Equipment (PPE) (1446)  
   + Operational and US&R Equipment (1229)  
   + Information Technology (470)  
   + Communications (412)  
   + Detection (744)  
   + Decontamination (259)  
   + Medical (318)  
   + Default (143)  
   + Explosive Detection (50)

Results 1 - 20 of 5021 [Next 20>>]		Display: 20
Title		
<a href="#">3M™ Canister CP3N - 3M</a>	<i>Tear gas canister - CP3N Canister offers protection for CS/ CN/ P100.</i>	
<a href="#">3M™ CBRN PAPR System with Hood - 3M</a>	<i>NIOSH CBRN approved PAPR with butyl rubber hood.</i>	
<a href="#">3M™ FR-15-CBRN Canister - 3M</a>	<i>This canister is designed for first responder applications commonly found in law enforcement, fire and emergency response (paramedics) environments. 40mm DIN thread. 5 year shelf life.</i>	
<a href="#">3M™ FR-7800B Full Facepiece - 3M</a>	<i>The 3M™ Full Facepiece FR-7800B is NIOSH approved with the 3M™ Canister FR-15-CBRN for use in CBRN environments (Cap 1). Also approved with the 3M™ Canister CP3N (CS/CN/P100) for tear gas exposure.</i>	
<a href="#">3M™ FR-M40B Full Face Respirator - 3M</a>	<i>Assembly includes 3M™ Full Facepiece FR-M40, Second Skin FR-M40-5 (small) or Second Skin FR-M40-5 (medium/large) and Eyepiece Outserts, Clear FR-M40-1.</i>	



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### Products



Search Phrase:  New search Search again within this result

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  - + Information Technology (470)
  - + Communications (412)
  - + Detection (744)
  - + Decontamination (259)
  - + Medical (318)
  - + Default (143)
  - + Explosive Detection (50)

Results 1 - 20 of 50 [Next 20>>]	
Display: 20	
Title	
<a href="#">Reveal CT-80</a> – Reveal Imaging Technology, Inc	<i>First explosive detection system designed for 100% checked baggage inspection.</i>
<a href="#">IONSCAN 400B</a> – Smiths Detection	<i>Desktop explosives or narcotics trace detector</i>
<a href="#">L-3 eXaminer 6000</a> – L-3	<i>Explosive detection system providing multiple computer tomography (CT) images in one pass.</i>
<a href="#">Itemiser</a> - GE	<i>Explosive and narcotics detection in a desktop system.</i>
<a href="#">GE CTX 5500 DS</a> - GE	<i>Uses technology derived from medical Computed Tomography (CT) to help locate and identify explosive devices concealed in checked baggage .</i>

## Products

Explosive Detection \ Trace & Bulk Detection



Compare:  



### CT-80

**Information Provided By:** Reveal Imaging Technologies

**Manufacturer:** Reveal Imaging Technologies, Inc.

**Detector Technology:** X-Ray

**Model Number:** 80

**Part Number:** 80

**National Stock Number:** 80

**Description:**

The CT-80 utilizes Reveal's proprietary Dual Energy, Computed Tomography (CT) architecture. This is a unique approach to EDS design that enables full size checked baggage to be inspected in the smallest possible footprint. The Reveal CT-80's superior detection and false alarm performance is available for as little as one quarter the cost of traditional certified CT scanners.



CT-80 X-Ray Security Screening System

**Availability Date:** Contact Company

**MSRP:** Contact Company

**Length of Time Fielded:** Contact Company

**Current User/Period of Use:** Contact Company

**Information Provided By:**

Reveal Imaging Technologies

201 Burlington Road

Bedford, MASSACHUSETTS 01730

UNITED STATES

781-276-8463

**Email:** [nancy.norton@revealimaging.com](mailto:nancy.norton@revealimaging.com)

### Knowledge Links

**Third Party Certification(s)**

▶ [TSA Certification for Reveal CT-80](#)

**Declaration(s) of Conformity**

▶ None

**Operational Assessment(s)**

▶ None

**Developmental Test(s)**

▶ [TSL Developmental Test of Reveal CT-80](#)

**Operational Test(s)**

▶ [TSA Operational Test of Reveal CT-80](#)

**Safety Test(s)**

▶ [CHDR 21 CFR 1020 Cabinet X-ray Systems](#)

▶ [CT-80 UL Approval](#)

▶ [CT-80 CE Approval](#)

▶ [CT-80 CSA Approval](#)

**SAFETY Act Designated and Certified Products**

▶ [The Support of Anti-terrorism by Fostering Effective Technologies Act of 2002 \(SAFETY Act\)](#)

**Capabilities and Limitations List**

▶ [Reveal CT-80 Capabilities and Limitations](#)

**Relevant Weblink(s)**

▶ [DHS Technical Resource for Incident Prevention \(TRIPwire\)](#)



### Products

#### Explosive Detection

Reveal CT-80

Tutorial Compare: Print

## Certification

Reveal CT-80 is a TSA certified Explosive Detection System. Details of this certification can be obtained by calling XX.



### Products

#### Explosive Detection

Reveal CT-80

Tutorial  
Compare:   
Print

## Developmental Testing

Reveal CT-80 was developmentally tested by the Transportation Security Laboratory. Details of this testing are classified and can be obtained by calling XX.



Products

Explosive Detection

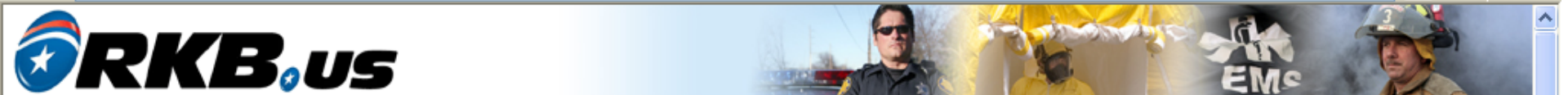
Reveal CT-80

Tutorial Compare: Print

Operational Testing

Reveal CT-80 was operationally tested by the Transportation Security Agency. Details of this testing are classified and can be obtained by calling XX.





### Products

#### Explosive Detection

Reveal CT-80

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Safety Testing  
CE, UL, CSA approved  
CDHR 21 CFR 1020.40 Cabinet X-ray Systems



### Products

#### Explosive Detection

Reveal CT-80



Compare:



Safety Act  
Click for details

