Making the World Safer: reducing the threat of weapons of mass destruction
Weapons of mass destruction are the most serious threat to the United States

Nuclear Weapons
...difficult to acquire, devastating in use

Biological Weapons
...use available technology and are potentially catastrophic

Chemical Weapons
...cheap and easy to make

DTRA’s mission...
Reduce the present threat
Prepare for future threats
Dozens of attempted nuclear smuggling incidents are reported annually

...there are more than 1,500 metric tons of separated plutonium in the world — enough for more than 200,000 nuclear weapons
Tokyo subway attacks killed twelve and injured more than 5,500

...one milligram of sarin can kill one person
Recent anthrax attacks killed five, exposed hundreds, and resulted in costly cleanup activities

...one billionth of a gram of anthrax can kill one person
Using a full spectrum of tools to reduce the present threat and prepare for future threats

Arms Control:
    Inspecting threats at the source and stopping them at national borders

Threat Reduction:
    Dismantling the former Soviet nuclear arsenal in place

Technology Development:
    Developing, testing and fielding offensive and defensive technologies

Chemical and Biological Defense:
    Assuring operations in hostile environments and consequence management

Combat Support:
    Assessing vulnerabilities, assuring the nuclear deterrent

Making the World Safer
Arms Control:

Taking threat reduction to the source

Implementing intrusive arms control inspections to fulfill U.S. treaty obligations

Successes include the START, INF and CFE treaties

On-Site Inspection

Making the World Safer
Arms Control:

*Stopping the spread of weapons of mass destruction*

*Enhancing border security across the former Soviet Union to prevent WMD smuggling*

*Currently training and equipping border guards on the proliferation front lines*

*Nonproliferation*
Cooperative Threat Reduction:
Securing and dismantling strategic offensive arms

Enhancing Russian nuclear weapon storage and transportation security while eliminating strategic bombers, missiles and submarines

Belarus, Kazakhstan and Ukraine are now nuclear weapon-free

Cooperative Threat Reduction
Technology Development:

*Taking the fight to the enemy*

Rapidly developed thermobaric tunnel-busting weapons and cruise missile penetrator warheads

DTRA is the near-term interface between R&D and the warfighter

Counterproliferation
Nuclear, Chemical and Biological Defense: Detecting weapons of mass destruction threats

Developing an unconventional nuclear warfare protection system, chemical agent detectors and a prototype biological defense capability

Fielded highly-successful “Smart Building” at 2002 Winter Olympics in Salt Lake City

WMD Detection
Combat Support:
Protecting our nation against weapons of terror

Force protection techniques and developing blast mitigation technology

Pentagon renovation saved lives and DTRA provided critical support to the Salt Lake Winter Olympics

Scenario development and threat modeling and simulation

Homeland Security
Combat Support:
Reducing the impact of unthinkable incidents

Developed hazard prediction and assessment software

Provided consequence management advice to national exercises, including TOPOFF 2000, Bush Inaugural, 2002 Winter Olympics
Combat Support:

*Deterring the use of weapons of mass destruction*

Sustaining our nuclear deterrent

*Developed the first nuclear weapon management plan for the Department of Defense*

Nuclear Deterrence
DTRA partners with the Joint Staff and Services, Combatant Commands, and other Federal agencies to ensure that the best operational practices and technologies are delivered to our customers.
Strong enabling directorates are the foundation for everything we do

Resource management: people and money

Information management: tying it all together

Acquisition excellence -- better, faster, cheaper

Mission Success

Safe, Secure and Efficient

Security and asset protection

Superior logistics and facilities management

Making the World Safer
DTRA delivers mission success

- Thermobaric weapons
- Cruise missile penetrator warhead
- Playbooks of WMD consequence management
- Former Soviet strategic arms elimination

- Warheads Deactivated: 6020
- ICBM/SLBMs Destroyed: 833
- Bombers Eliminated: 97
- SSBNs Destroyed: 24

- Models of WMD use in urban areas
- Open Skies Treaty entry into force
DTRA successes in the making

- Hellfire thermobaric weapon on UAV
- Urban bio-defense initiative
- Training the trainers to deal with WMD
- Restoring operations after chemical attacks at airports and seaports
- Assuring the viability of the nuclear deterrent
- Targeting and analysis in support of the warfighter
DTRA is a defense combat support agency

Leadership Structure

Secretary of Defense

Undersecretary of Defense for Acquisition, Technology and Logistics

Assistant to the Secretary of Defense for Nuclear and Chemical and Biological Programs

Director, DTRA

Reporting to the Assistant to the Secretary of Defense for Nuclear, Chemical and Biological Programs

Headquarters Facilities

McNamara Building
Ft. Belvoir, VA

Hybla Valley Federal Building
Alexandria, VA

Making the World Safer
DTRA is organized according to mission functions

Director

Deputy Director

Staff Offices

Advanced Systems & Concepts

Enabling Directorates
- Acquisition and Logistics
- Information Management
- Resource Management
- Security and Counterintelligence

Mission Essential Directorates

Threat Control
- On-Site Inspection Directorate

Combat Support
- Combat Support Directorate

Threat Reduction
- Cooperative Threat Reduction Directorate

Technology Development
- Technology Development Directorate
- Chemical-Biological Directorate
An equal mix of military and civilian staff ensure a balance of warfighter support and program continuity.

Total Authorization:
992 Military and 1,149 Civilian Personnel

2003 Budget
- DTRA Total Obligation Authority (FY03 - $756.2M)
- Cooperative Threat Reduction (FY03 - $416.7M)
- Chem/Bio Defense Program (FY03 - $1.3736B)
- External (FY03 - $77.0M)

Our people are our strength
Making the World Safer...

...by reducing the threat of weapons of mass destruction