



Advanced Planning Briefing for Industry

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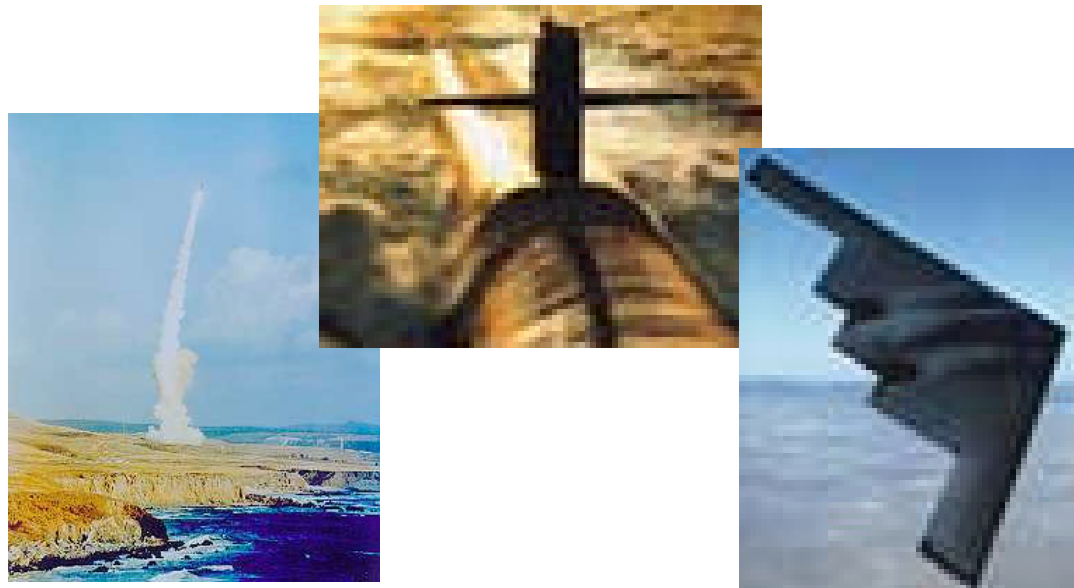
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**Nuclear &
Chemical & Biological**
defense programs

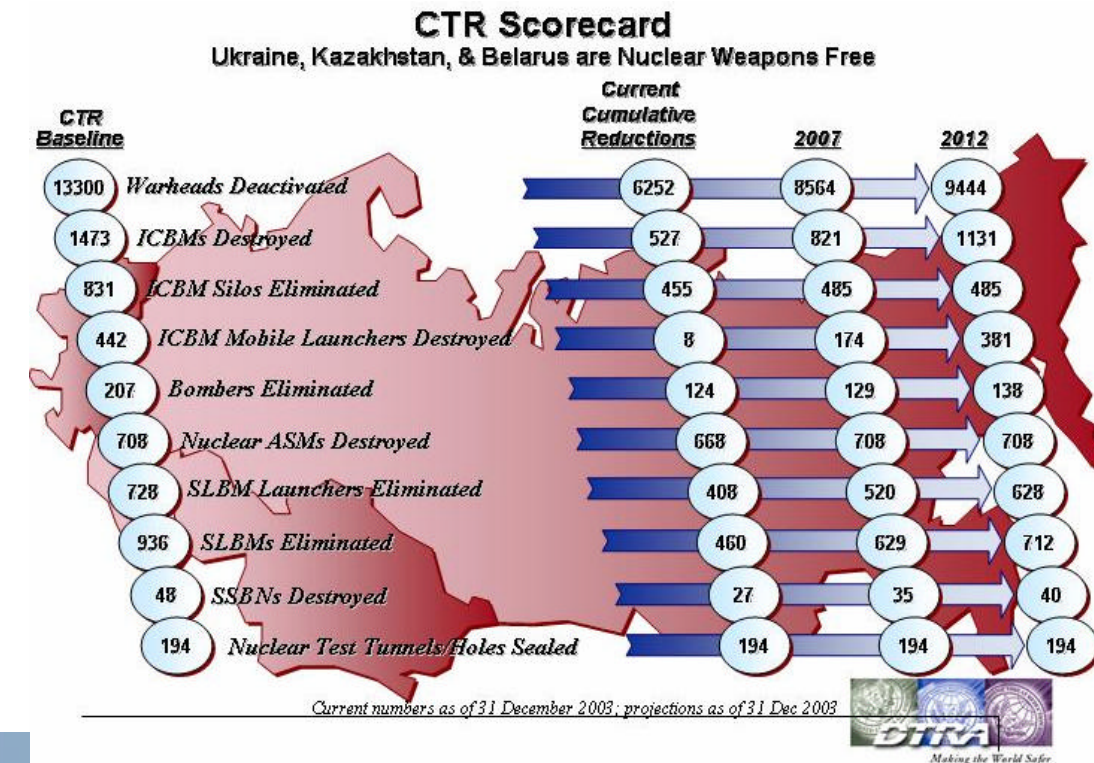
Securing the Future



ATSD (NCB) Mission Areas



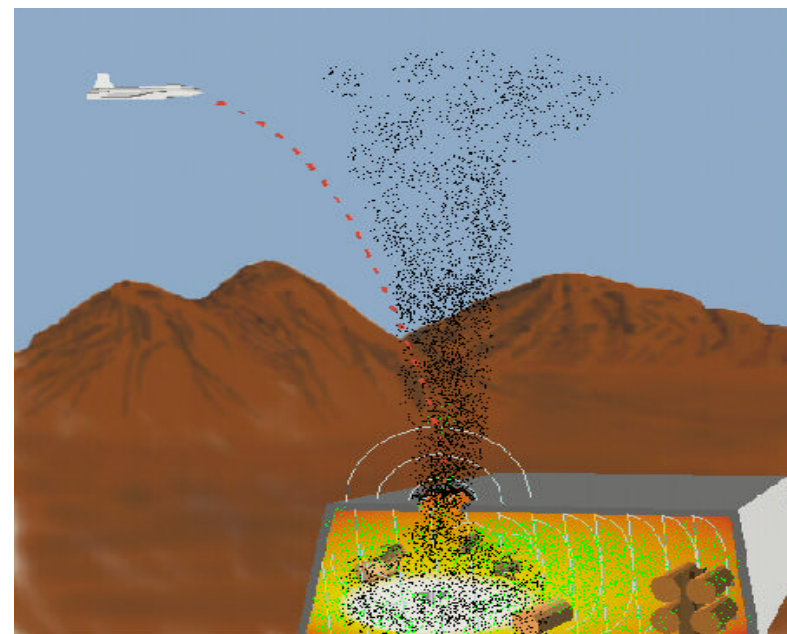
Nuclear Matters



Cooperative Threat Reduction



CBRN Defense



Defense Threat Reduction Agency



Chemical Demilitarization

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CBRN Defense Mission Areas



Combating the proliferation of weapons of mass destruction

Installation Protection



Combating terrorism



Homeland security support

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CBRN Defense Program Vision

***Combat Weapons of Mass Destruction
through a Strong Chemical, Biological,
Radiological, and Nuclear Defense Program***



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CBRN Defense Program Mission

Provide CBRN defense *capabilities* to effectively execute the *National Strategy for Combating Weapons of Mass Destruction*. Ensure all capabilities are *integrated and coordinated* within the *Interagency* community



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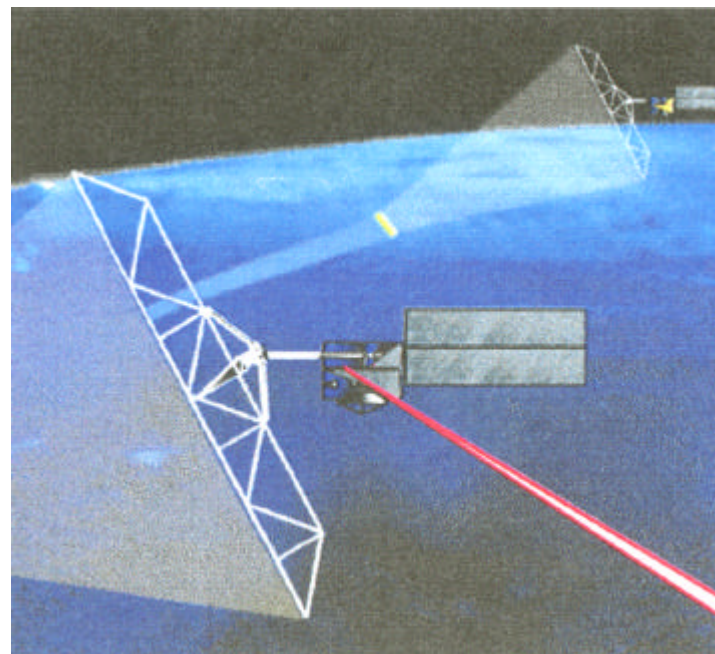
Technology Development & Transition Requires Strong Partnerships

Link to the Warfighter



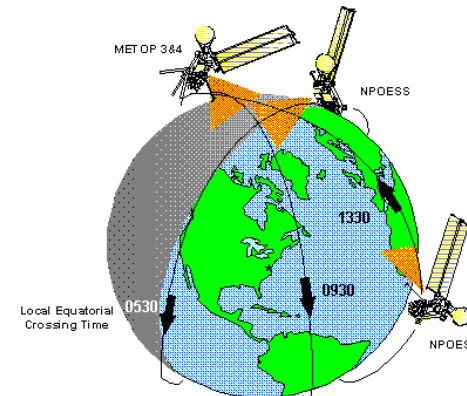
Service Labs

DARPA



High Risk, High Payoff

Expanded Resource Base



Interagency

New Ideas, Knowledge



Universities

Industries

Maximum National Security Payoff

International



Coalition Capability



Innovation, Transition



CBRN Defense Program Strategic Environment

- Proliferation of Weapons of Mass Destruction
- Defense of the Homeland
- Global War on Terror
- Challenge of Non-Traditional CBRN Agents
- DOD Role in Bioshield
- Biosurety

“The *greatest threat* before humanity today is the possibility of *secret and sudden attack* with *chemical, or biological, or nuclear weapons*”

President George W. Bush

Remarks at the National Defense University, 11 February 2004

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CBRN Defense Readiness

- **CBRN defense readiness remains a top priority for the DoD**
- **There is no silver bullet for CBRN Defense**
 - **CBRN defense is an integrated set of capabilities supporting a common mission**
 - **No single technology, system, or set of procedures is sufficient to counter CBRN weapons**
- **U.S. Forces are trained, ready, and deployed with the best available equipment**

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Critical Challenges for the Science & Technology Base

- **Common technologies for a variety of missions**
- **Counter diverse threat and prevent technological surprise**
- **Balance investment in leading edge technologies while developing technologies to transition to the warfighter**



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Jointness and Capabilities-Based Planning

“We saw the power of joint war fighting in Operation Iraqi Freedom.”

“We have pursued a new approach to developing military capabilities. Instead of developing a picture of the perfect system, and then building the system to meet that vision of perfection—however long it takes or costs—the new approach is to start with the basics, roll out early models faster, and then add capabilities to the basic system as they become available.”



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Conclusion

- **Your efforts are critical to the successful research and development of technologies to enhance the chemical and biological defense posture of our great nation.**
- **Maintaining and developing a highly trained chemical and biological defense workforce and working closely with industry is critical to supporting DoD needs.**

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