



Making the World Safer

Chemical & Biological Defense Science & Technology

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The Mission



DTRA Mission

The mission of the Defense Threat Reduction Agency (DTRA) is to safeguard the United States and its allies from weapons of mass destruction (WMD) (chemical, biological, radiological, nuclear and high-yield explosives, or CBRNE) by providing capabilities to reduce, eliminate and counter the threat, and mitigate its effects

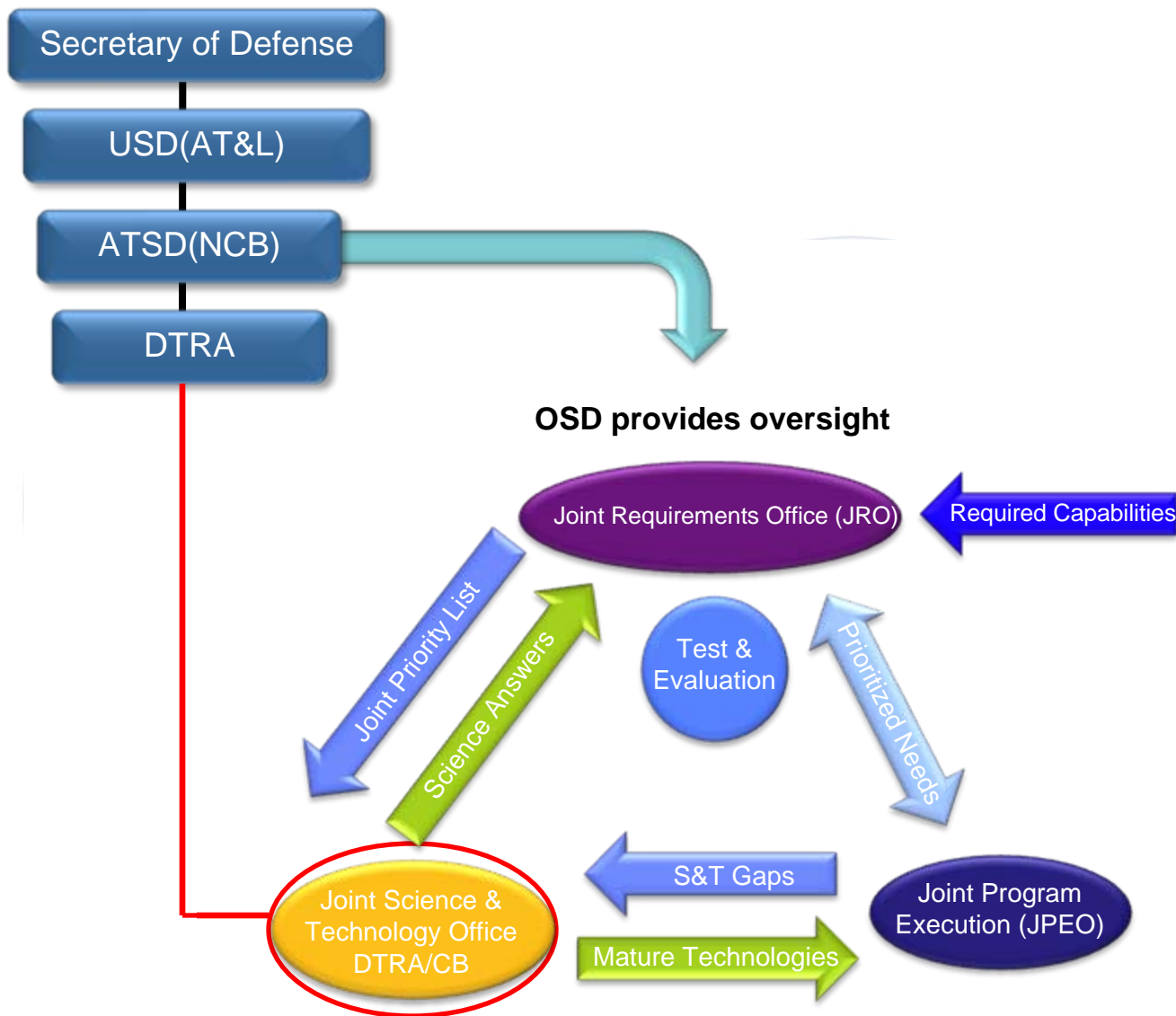
Joint Science & Technology Office for Chem Bio Defense

Manages and integrates the development, demonstration, and transition of timely and effective chemical and biological defense solutions for the Department of Defense, while serving as the focal point for science and technology expertise





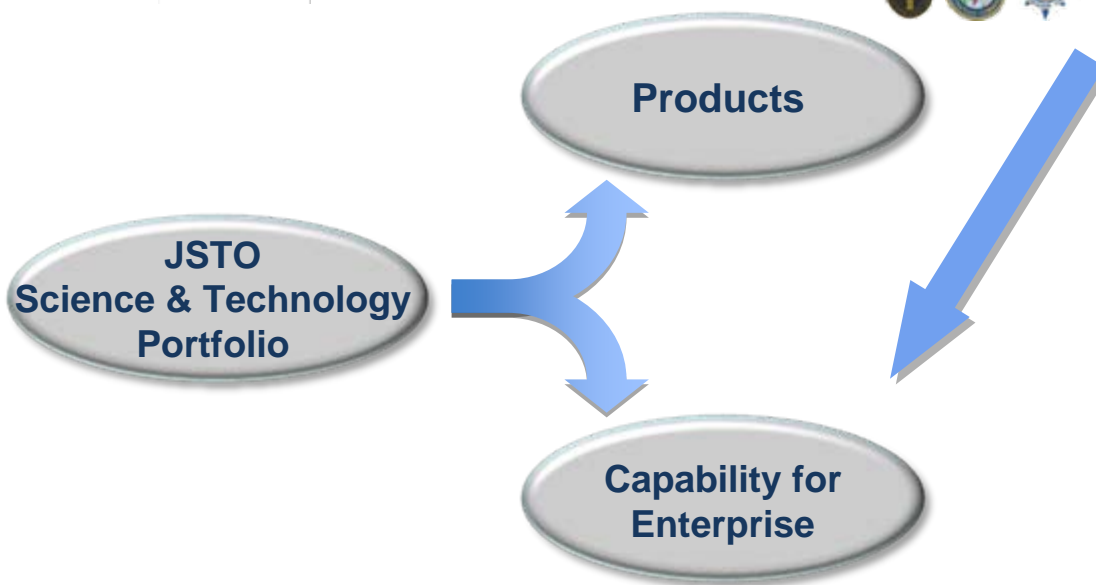
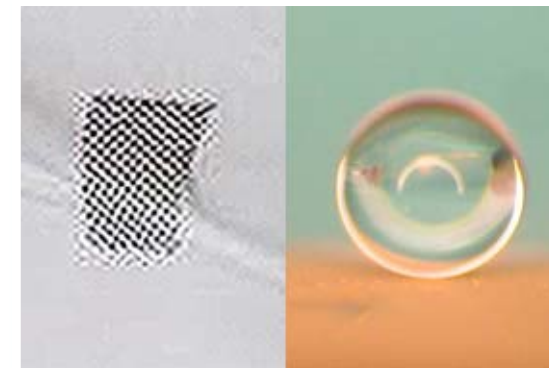
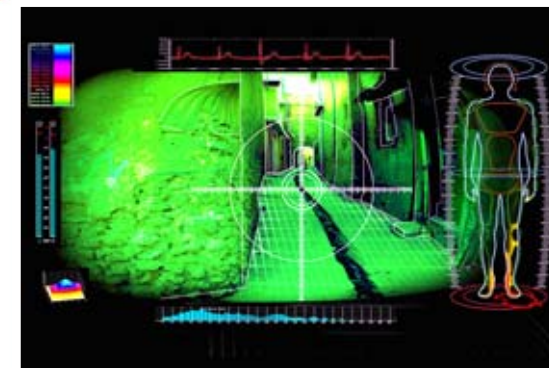
DTRA Role in Chem-Bio Defense





Guiding S&T Investment

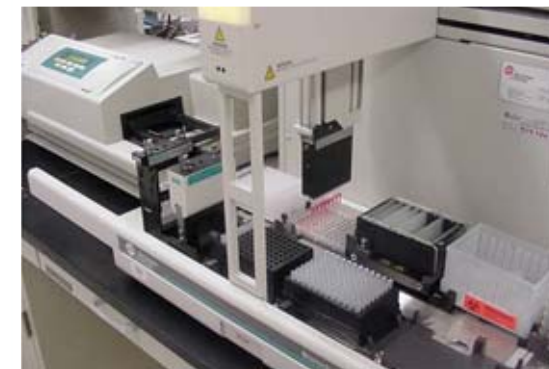
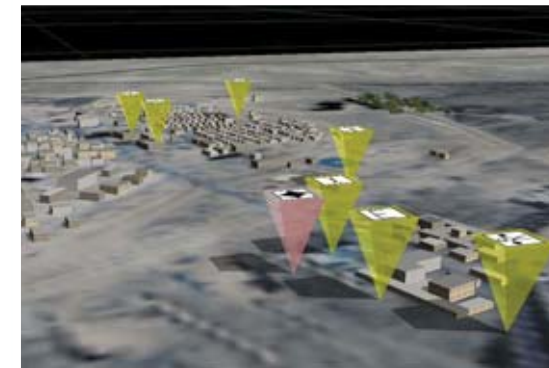
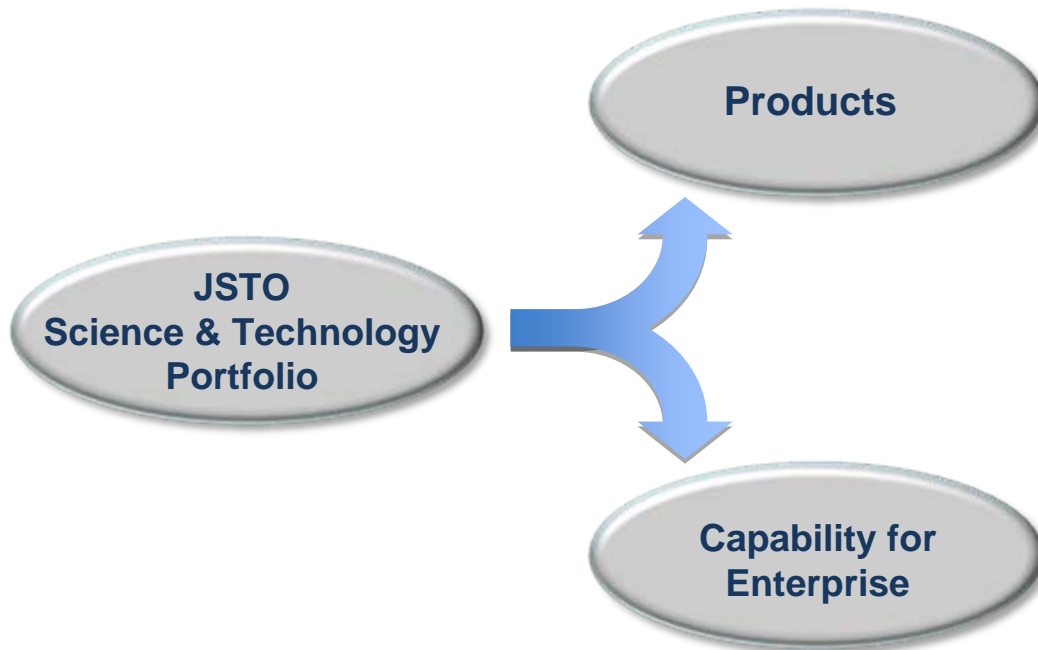
Investments are targeted using several sources of guidance and requirements



Understanding the Threat



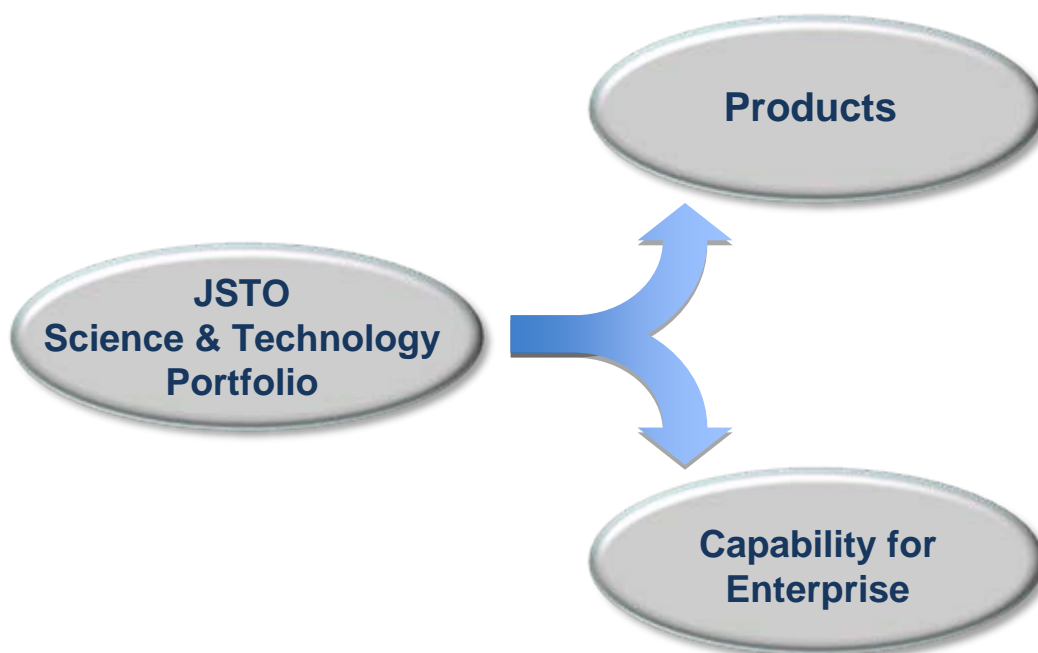
- Detection and identification
- Early warning
- Pre-symptomatic diagnostics





Protecting Against the Threat

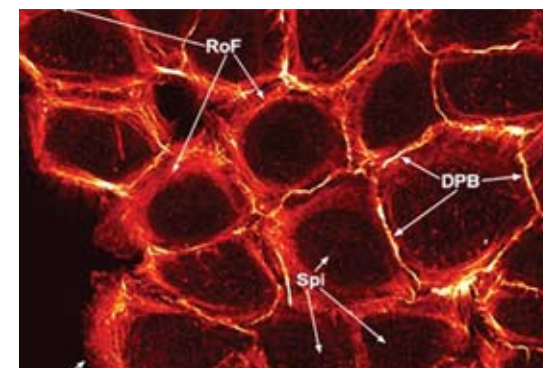
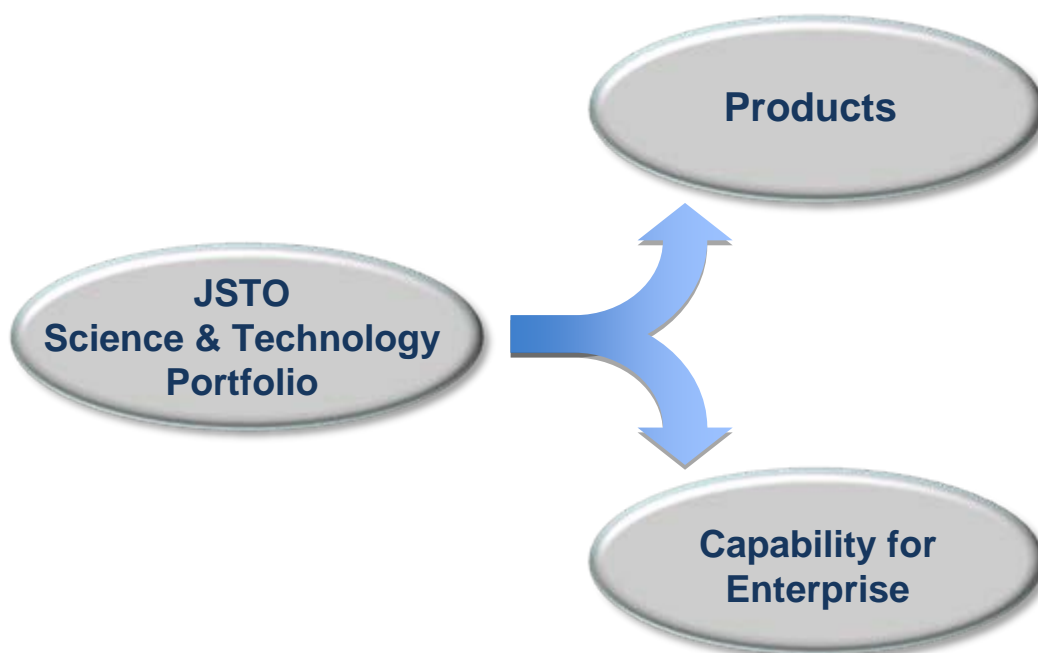
- Individual protection
- Enhanced filtration
- Medical prophylaxis





Minimizing the Threat

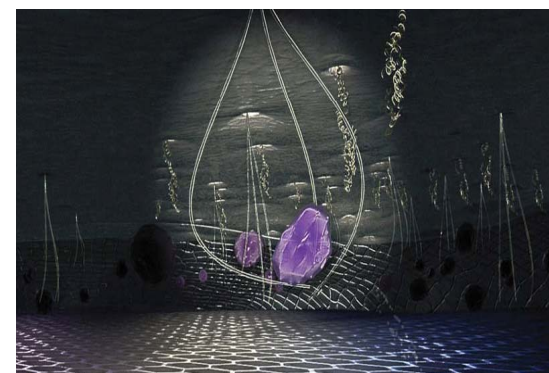
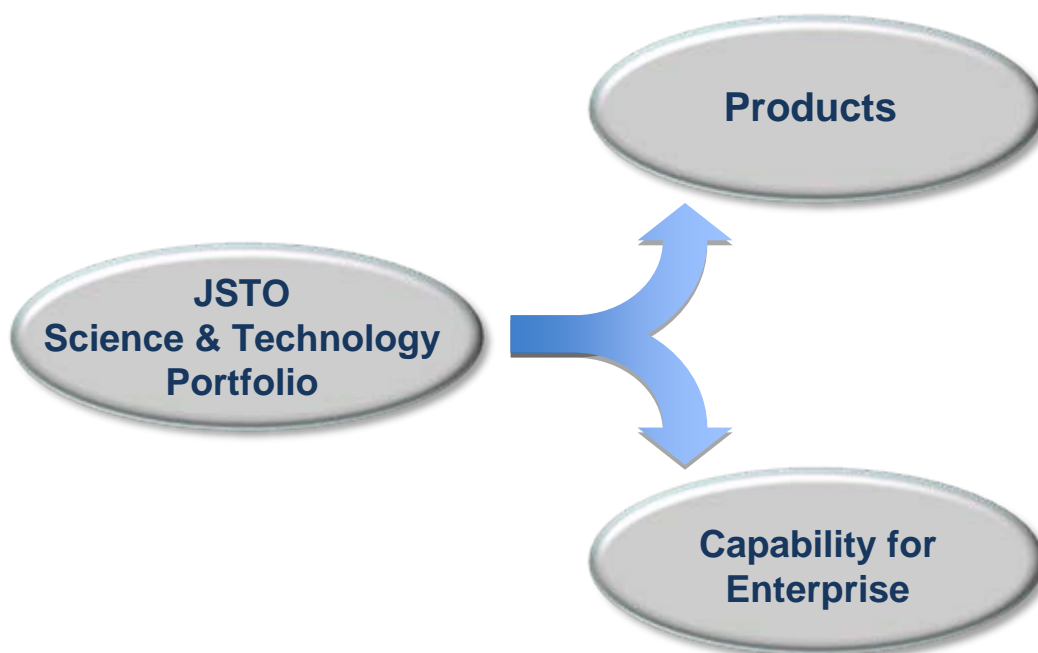
- Decontamination
- Therapeutics
- Recovery





Anticipating Future Threats

- Exploiting rapid technology advances
- Ensuring S&T capability for the future





Take Aways

- DTRA counters the entire range of WMD, across the full scope of military operations
- DTRA brings forward the best technology for future capabilities
- DTRA makes warfighter needs foremost



***Meeting the WMD Challenge...
Making the World Safer***

Questions ?

