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DEFENSE THREAT REDUCTION AGENCY

## ***Nuclear Detection***

*Version: March 2024*

### ***DTRA RD-NTD Overview***

Distribution Statement A: Approved for public release: distribution unlimited.

*Deter. Prevent. Prevail.*

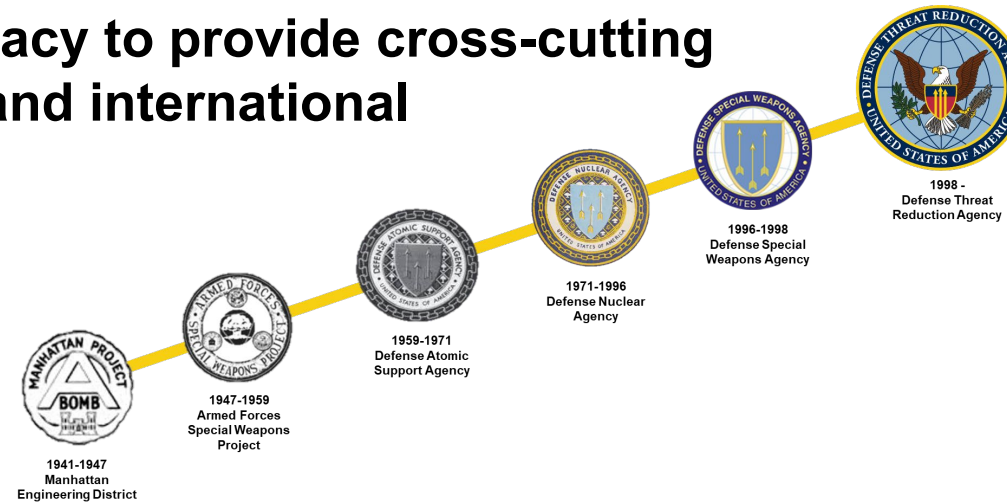
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# Defense Threat Reduction Agency

DTRA leverages an 80+ year legacy to provide cross-cutting solutions to enable DoD, USG, and international partners to:

- **Deter** strategic attacks against the United States and its Allies
- **Prevent**, reduce, and counter WMD and emerging threats
- **Prevail** against WMD-armed adversaries in crisis and conflict

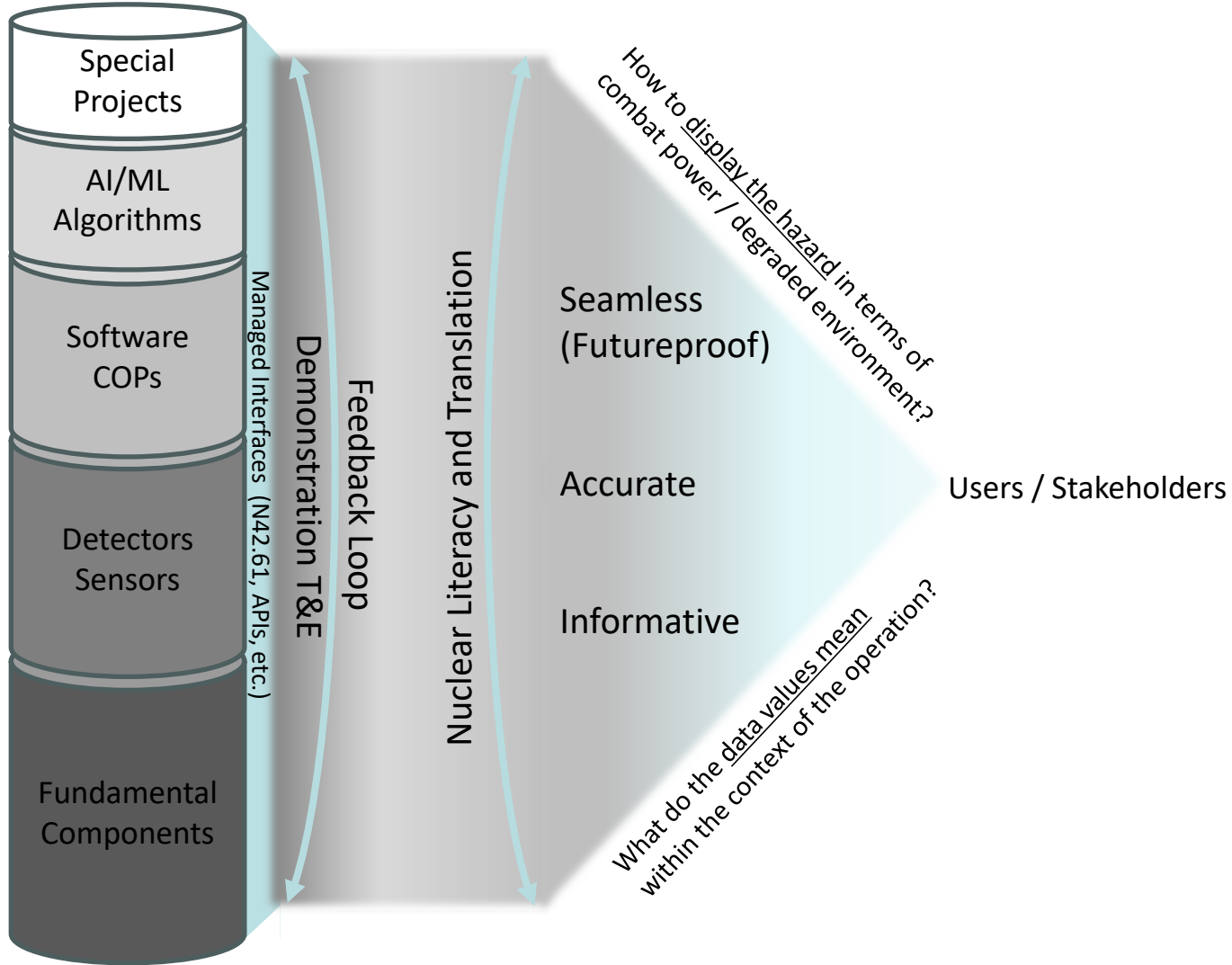
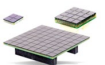
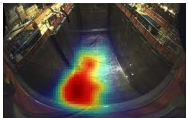
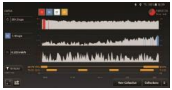
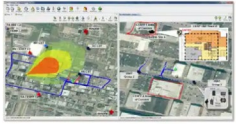
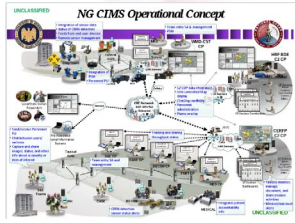


**Core Functions accomplished through multiple mission-oriented means:**

- Ensure a reliable, resilient strategic deterrent
- Develop and deliver innovative capabilities
- Prevent, reduce, and eliminate CBRN threats
- Provide strategic and operational support
- Support the Joint Force to address CBRN operational and strategic risks



# Nuclear Detection Division



## Impact

- Advancements in Technology
- Cost Reduction
- Quality Enhancement
- Innovation
- Safety and Health
- Environmental Impact

## Challenges

- Long-Term Horizon
- Uncertainty (Fail Early)
- Non-monetary Benefits (knowledge creation)
- Underserved industrial base



# QUESTIONS