

The Role of Border Security

SAND2007-6763C



October 2007

Presented by
Dori Ellis, Director
Global Security Programs
Sandia National Laboratories

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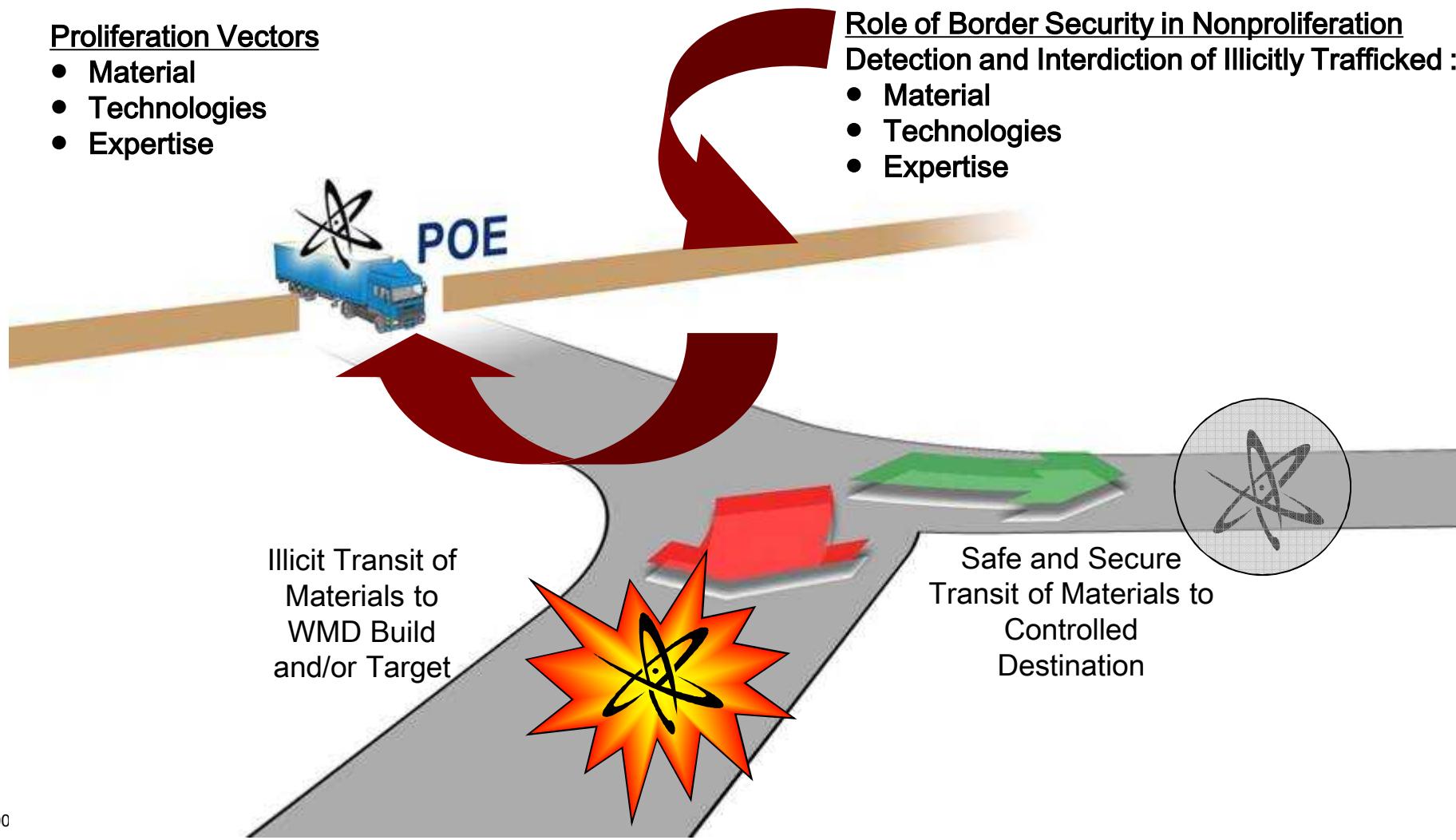




Role of Border Security in Nonproliferation

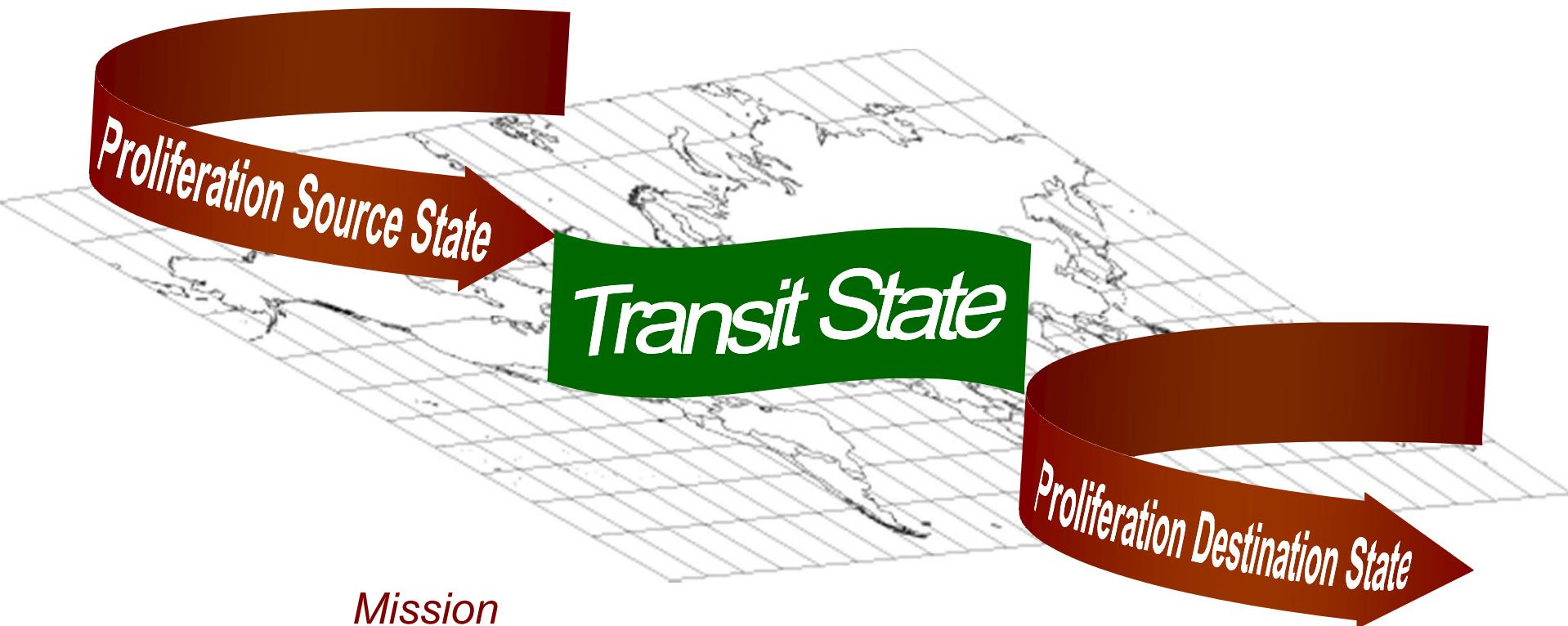
Proliferation Vectors

- Material
- Technologies
- Expertise





Nonproliferation Context



Mission

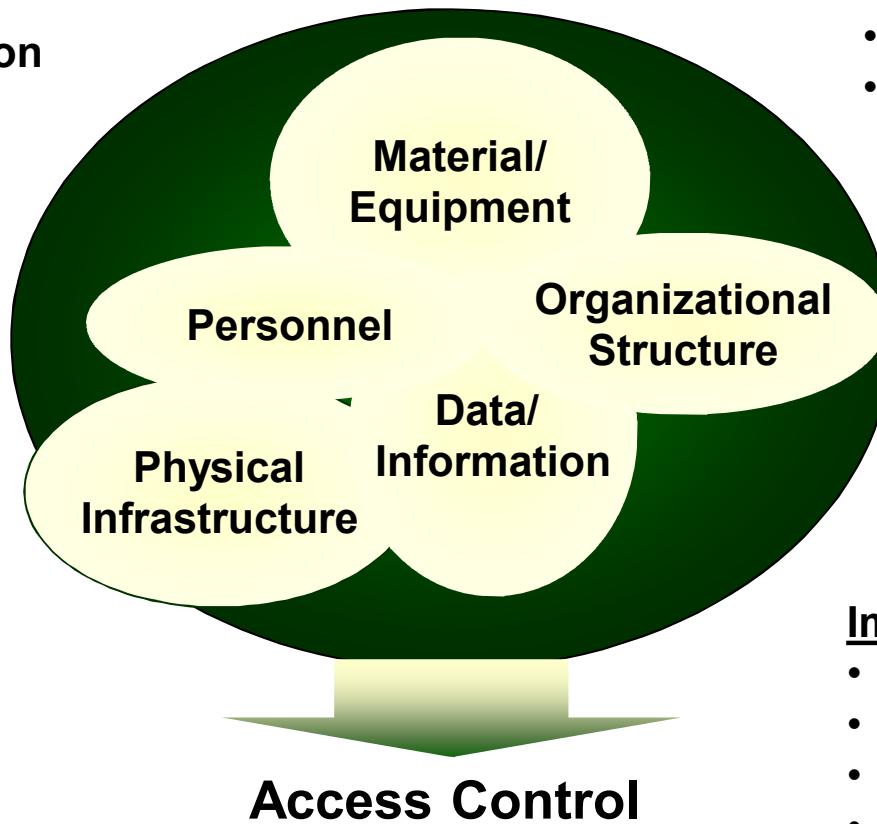
Strengthen border security controls to support global nonproliferation and counterterrorism efforts



Border Security Systems Model

Capabilities

- Surveillance
- Detection/Inspection
- Interdiction
- Disposition



Commodity/ Detection Targets

- People
- **Radiation**
- Fraudulent Docs
- Chemicals
- Bioagents
- Etc.

System Drivers

- Geopolitical
- Socio-cultural
- Normal Traffic

Environmental Drivers

- Terrain
- Altitude
- Climate/Weather
- Vegetation/Wildlife

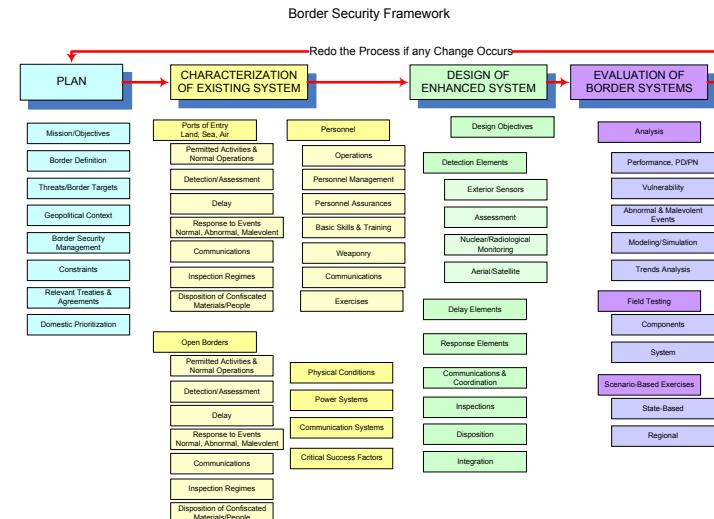
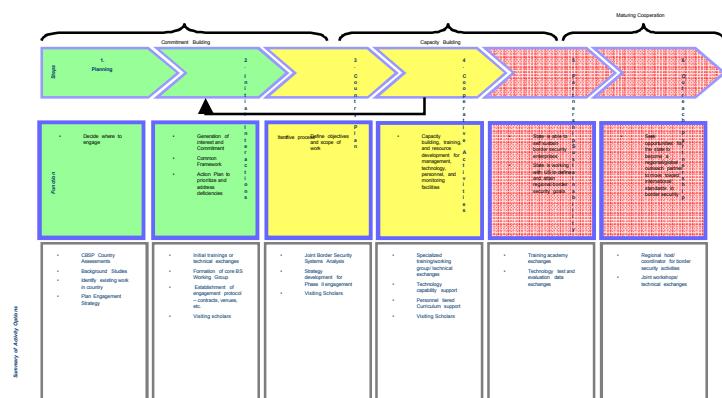
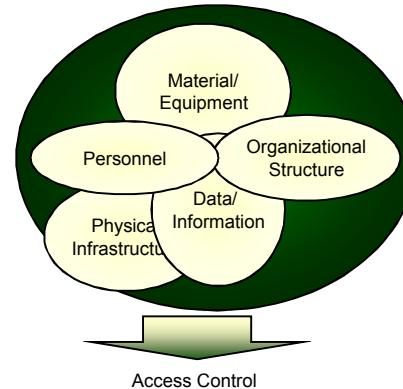
Implementation Drivers

- Power
- Communications
- Reliability
- Sustainability



International Border Security Program

- Systems Model
- Country Engagement Model – Capacity Building Through Regional Cooperative Engagement
- Border Security Systems Analysis
- Training
- Technical Assistance





Sandia National Laboratories

- Nuclear Materials Secure Transportation
- Nuclear Facility Physical Protection
- Nuclear Materials Interim Storage and Waste Management Systems
- International Safeguards
- Critical Infrastructure Security

