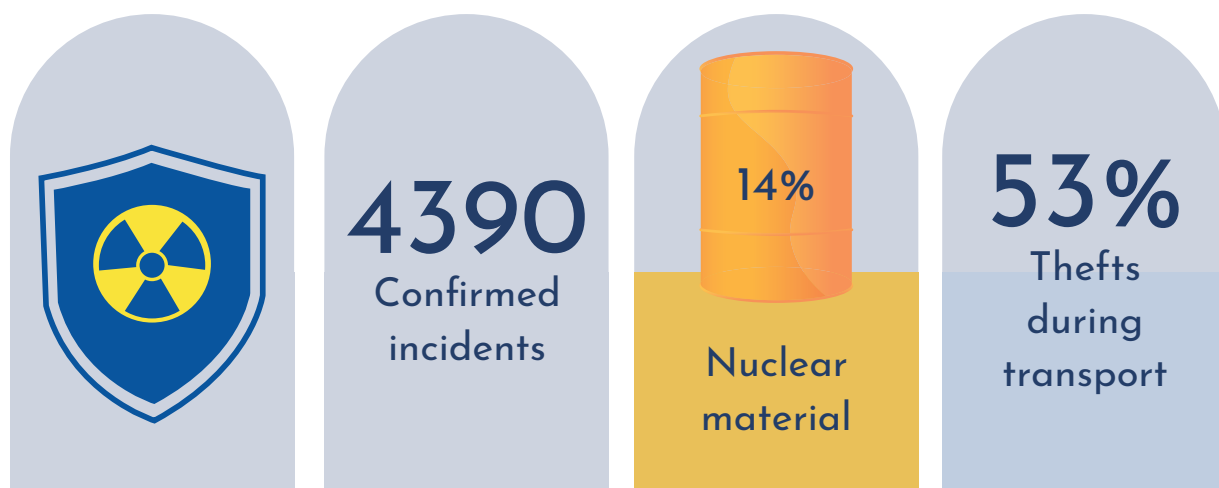


RADIOACTIVE THREAT:

Incidents and risks involving dirty bombs

Insights from the IAEA incident & trafficking database (1993-2024)



Thefts & Missing

The majority of materials reported to the ITDB as stolen or lost (or otherwise missing under uncertain circumstances), involve radioactive sources that are used in industrial, material analysis or medical applications. Devices containing radioactive sources can be attractive to would-be thieves, as they are considered highly marketable.

What is a "dirty bomb"?



The Consequences

- Spread through the air
- Contamination of infrastructure
- Water & soil pollution
- Long-term radiation exposure

Why detection is crucial:

- Anxiety & panic
- Work interruption
- Economic damage
- Loss of trust

Prevention and transport checks are essential

Continuous monitoring of air, sea, rail, and road transport





THREAT DETECTION IN AIR, RAIL, ROAD, AND MARITIME TRANSPORTATION

Continuous detection and prevention of nuclear material in aviation, rail, heavy freight traffic, and maritime transportation.



Spreader Bar Detection System (SBDS)

With a single system installed on the spreader bar, every container is automatically scanned without operational delay. The system detects threats and suspicious density patterns, reducing costly inspections and operational risks.

For more information about our solutions and how they can enhance your operational security, please do not hesitate to contact us.



AIR



RAIL



ROAD

