



Soter RS;

to detect contraband on or inside a human body



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What benefit could TSA obtain from my technology?

- Detect contraband inside a human body:
 - Swallowed drugs balloons
 - Hidden weapons/explosives in body cavities
 - Swallowed explosives (?)
- So what, who cares?
 - DEA/Customs and Border protection;
 - Check suspicious passengers within 10 seconds at arrivals.
 - Check suspicious passengers within 10 seconds at departure.



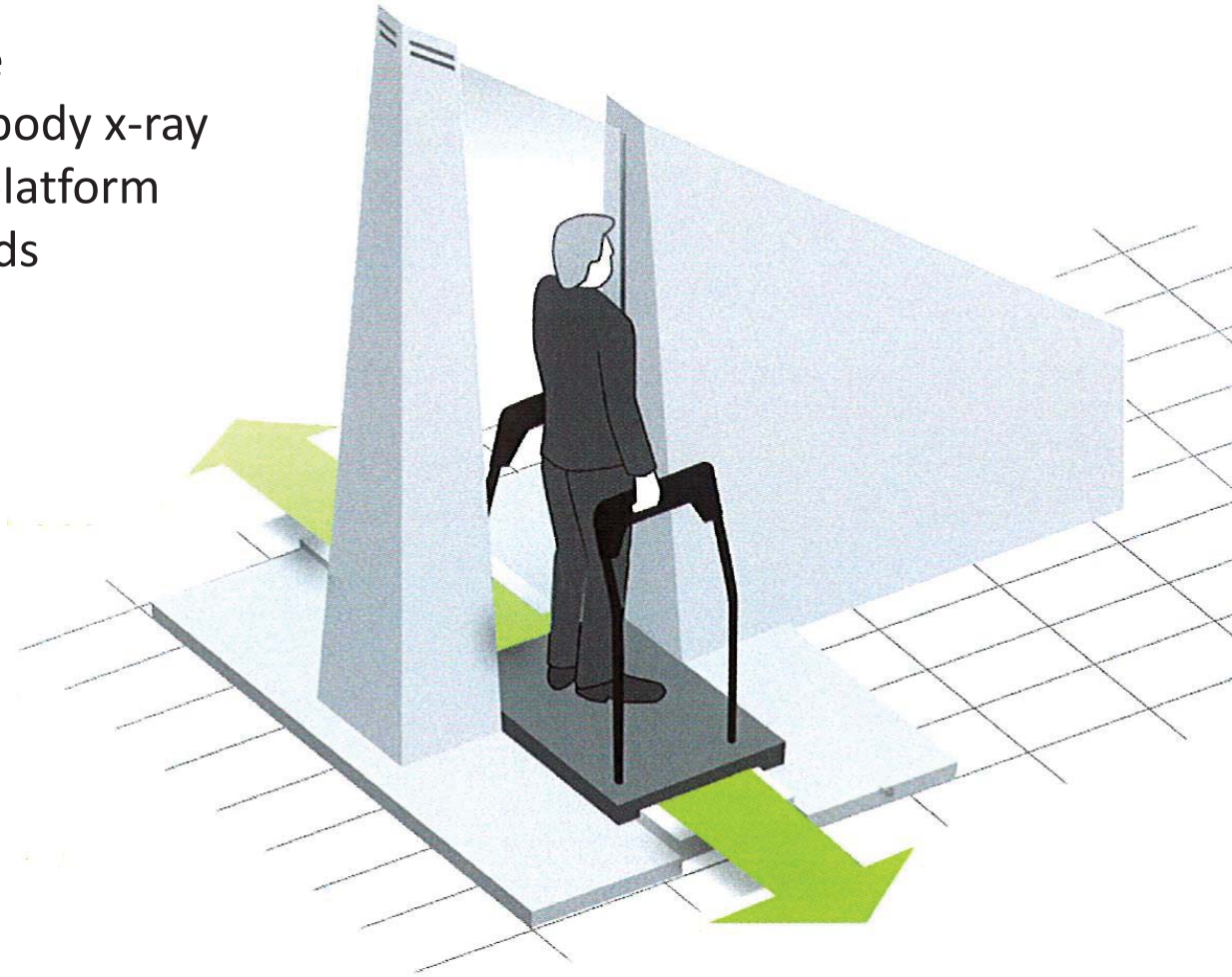
Soter RS

example images



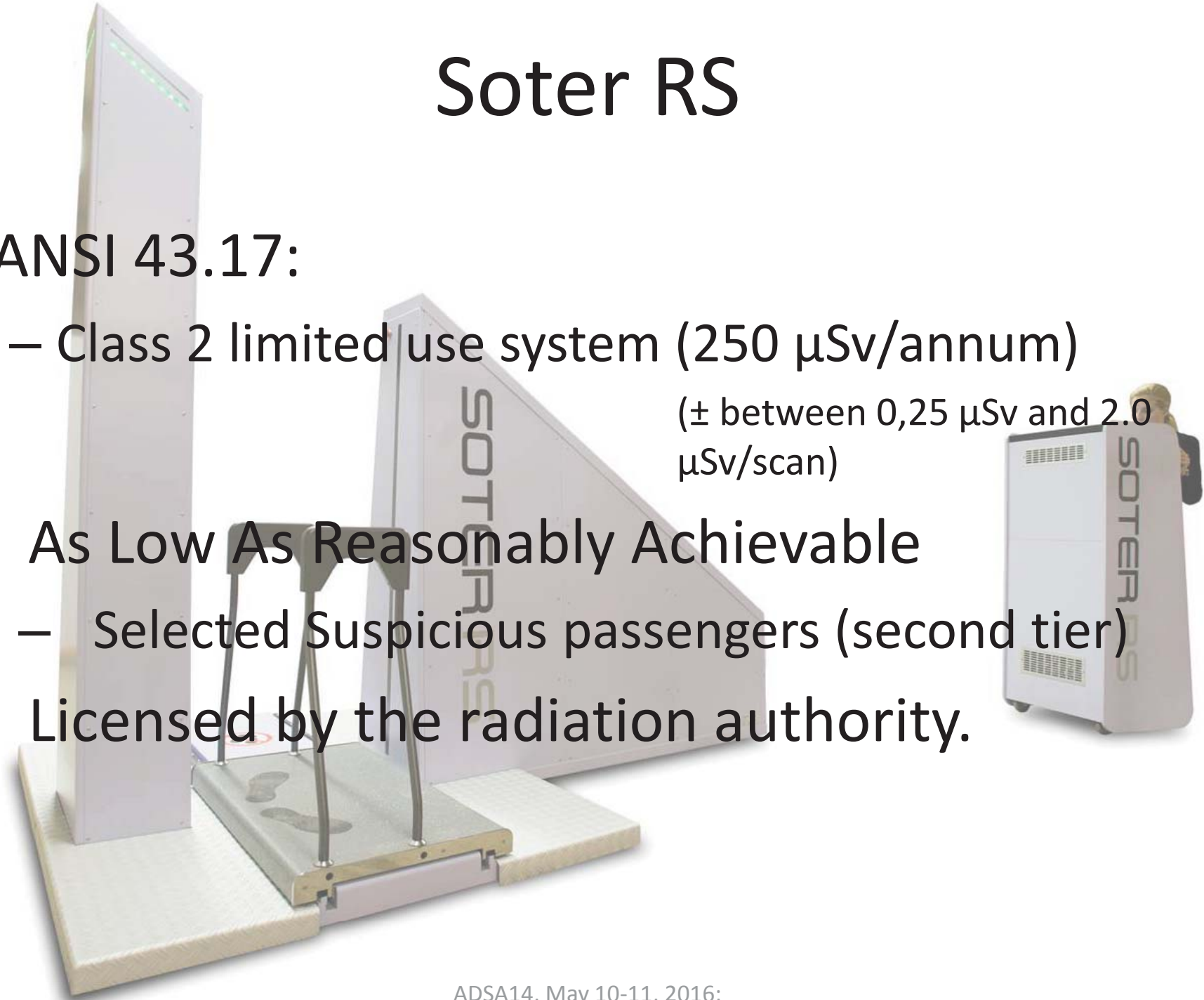
Soter RS; working principle

Low dose
through body x-ray
Moving platform
10 seconds



Soter RS

- ANSI 43.17:
 - Class 2 limited use system (250 $\mu\text{Sv}/\text{annum}$)
(\pm between 0,25 μSv and 2.0 $\mu\text{Sv}/\text{scan}$)
- As Low As Reasonably Achievable
 - Selected Suspicious passengers (second tier)
- Licensed by the radiation authority.



Soter RS;

to find contraband on or inside an human body
easy to operate

