
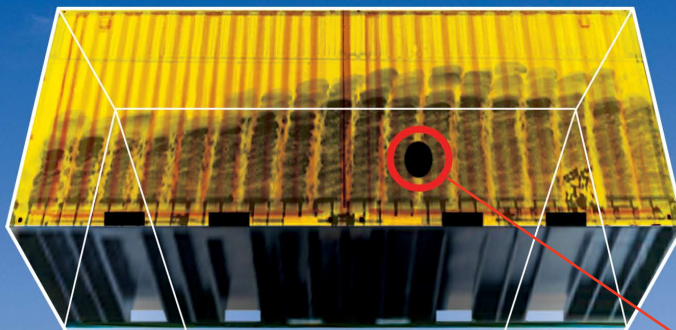


CARGO SCREENING: SPOTTING HIDDEN DANGERS

Varian's Linatron® K9 X-ray linear accelerator enables cargo-screening systems to detect nuclear materials quickly and automatically.

A traditional cargo-screening system cannot distinguish between a weapon of mass destruction and other dense materials. That's a scary proposition, given the millions of cargo containers arriving at seaports and airports around the world each year. For the men and women charged with border security, each container is a potential hiding place for the weapons-grade nuclear material used to make dirty bombs.

In 2005, Varian Medical Systems developed a new type of X-ray linear accelerator designed to automatically alert cargo-screening personnel within seconds of detecting suspicious materials. Linatron K9 technology helps operators viewing the contents of a cargo container to quickly identify the types of substances commonly found in explosives, weapons of mass destruction, and other hazardous materials—and is fast enough to allow every container coming into port to be screened without slowing the pace of commerce. 



ALARM!
Explosives?

