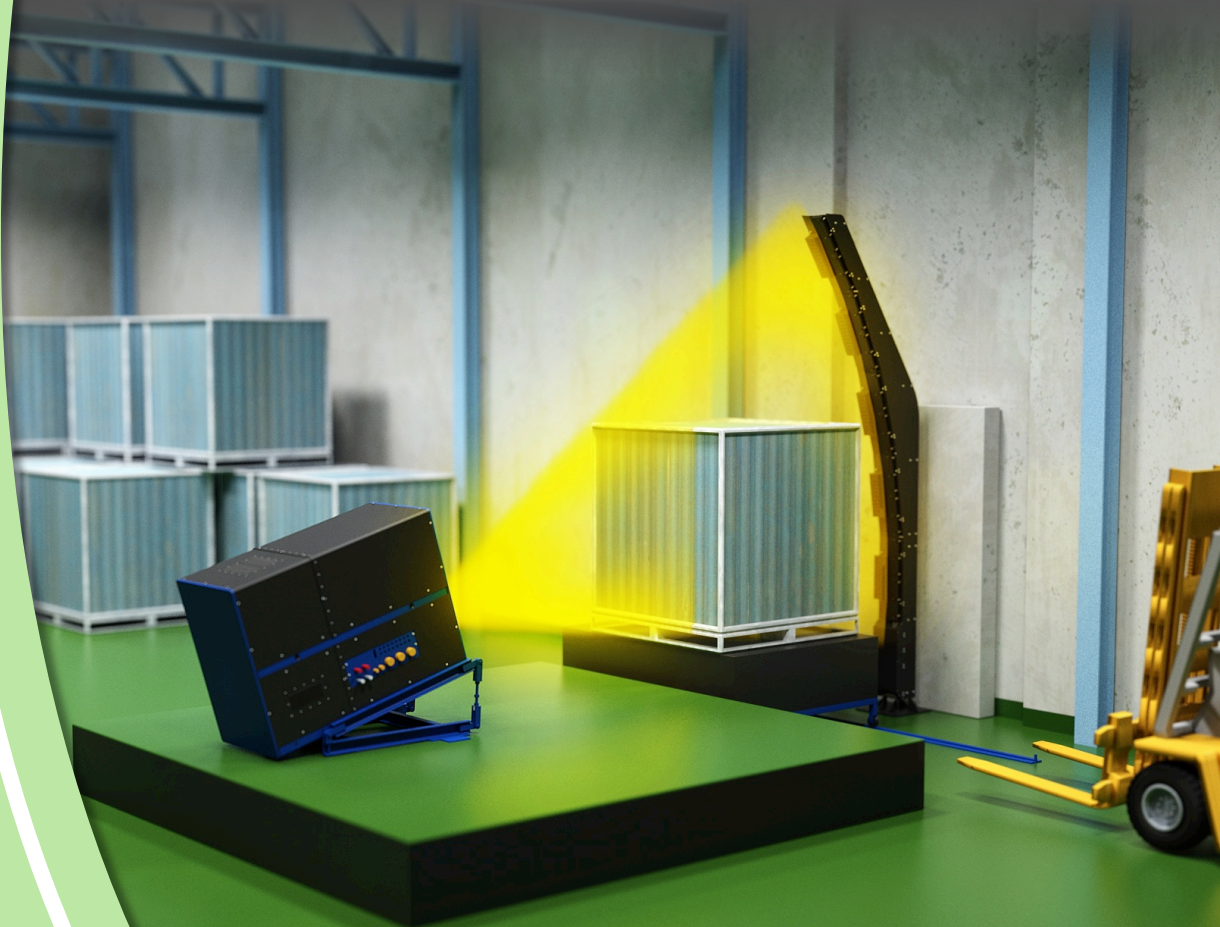# CANIS

Interlaced Energy Cargo Scanning System
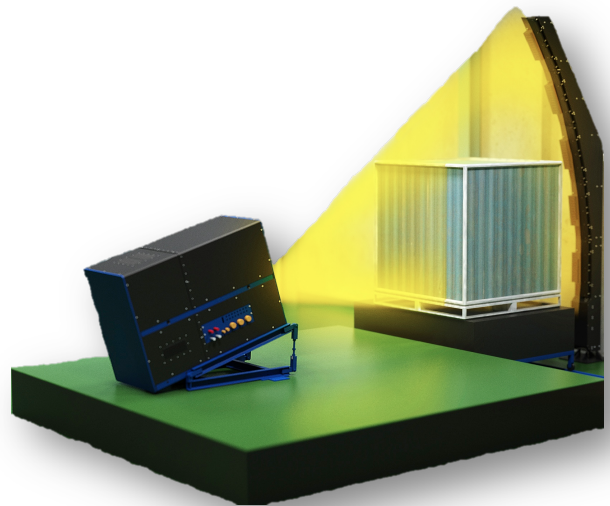
CANIS

SYSTEM

CANIS system is dedicated for cargo screening in different localizations, including seaports and land borders. It can be achieved thanks to high quality visualization by megavoltage X-ray beam.

TECHNOLOGY

CANIS consists of interlaced energy electron linac 4MeV/6MeV and detector line. Electron beam hits the conversion target and high energy X-rays production occurs. Crated photons are attenuated by the examined goods and detected in the detector line located behind the truck or container. Signals from all detectors are converted to digital form and transferred to operator's PC, where the final image is created, line by line. Dual energy mode allows for Z-related coloring to achieve the highest efficiency of contraband detection.

KEY ADVANTAGES

- High penetration
- Complete object scan at seaports and land borders
- High safety level
- Efficient inspection of trucks and cargo containers
- Patented interlaced-energy technology
- Perfect image quality
- Dual-energy material discrimination
- Intuitive and highly configurable software, equipped with advanced image processing for ultimate operator's satisfaction
- Easy setup
- High reliability
- Low operation cost

Head of CANIS demonstrator team

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