

CR-Portal™

X-ray Inspection System



The CR-Portal IGC and SPC radiation detection solutions monitor vehicles carrying cargo without impacting the stream of commerce

EFFICIENT, EFFECTIVE SCANNING

The CR-Portals can be used as primary or secondary scanners depending on your needs.

- › All portals use 3He-free 6LiZnS neutron detectors for reliable detection of special nuclear materials (SNM)
- › Superior naturally occurring radioactive materials (NORM) discrimination capabilities
- › The CR-Portals can be integrated with any X-ray system using Leidos' industry-leading CV2™ software
- › Low false alarm rates

SAFE AND FIELD TESTED

These safe, rugged portals use passive radiation detectors that are designed to meet or exceed relevant standards.

- › The CR-Portals incorporate a range of safety features and meets applicable U.S. and European regulatory safety requirements for radiation scanning systems
- › The system's rugged design is proven in maritime environments and harsh climates

CR-PORTAL IGC (ISOTOPE GROUP CLASSIFICATION)

The CR-Portal IGC identifies cargo containing or contaminated by radioactive materials.

- › Provides isotope group identification on regularly encountered sources
- › Best suited as a primary scanner for high throughput results, significantly reducing secondary scanning
- › Offers the best value in nuclear material detection

CR-PORTAL SPC (SPECTROSCOPIC)

The CR-Portal SPC offers outstanding performance in nuclear material detection and identification

- › Can be used as a primary or a secondary screener
- › Available for either medium or high resolution detection
- › Uses fully stabilized, deconvolution techniques



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