

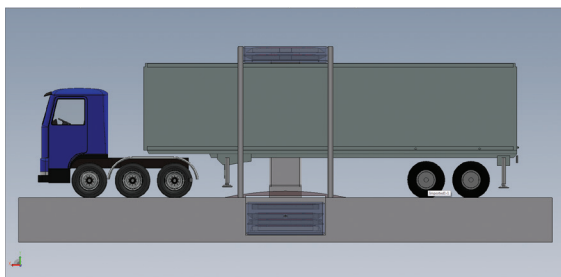
Lingacom security solutions

Protecting sea and air ports, border crossing and critical Infrastructure

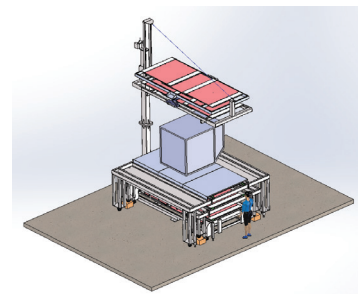
Lingacom's security solution provides an efficient and radiation-free solution for seaports, airports, border crossings, critical infrastructure and sensitive locations. Lingacom is offering the following security solutions: (1) sea and air container inspection (2) vehicle inspection.

Lingacom's inspection solutions for sea and air containers

Lingacom's solution detects high-Z materials such as shielded nuclear and radioactive materials (used in "dirty bombs") in containerized cargo. Using the cosmic ray muons, the most penetrating natural charged particles, Lingacom's muon based solutions provide effective penetration capabilities in dense containers and specifically mid to high attenuating cargos. This unique approach complements the high-energy x-rays and radiation portal monitors presently deployed in current inspection systems.

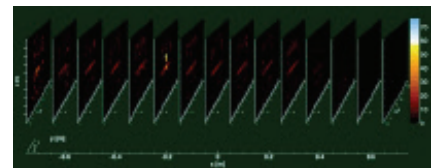


Sea container inspection



Air container inspection

Lingacom's solution is based on innovative 3D imaging algorithms combined with large scale muon detectors with high efficiency and spatial resolution.



3D imaging

Lingacom's vehicles inspection

The project development of an advanced vehicle scanning solution is funded by the European Commission's prestigious Horizon 2020 SME Instrument.

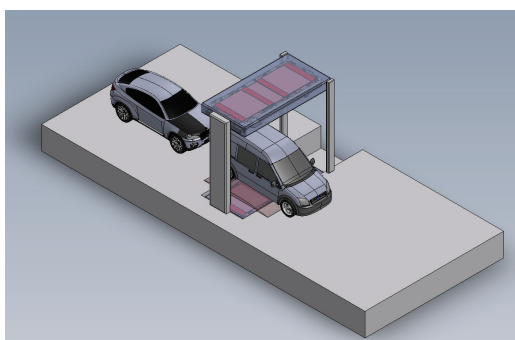
Project acronym: IMPRINT – Integrated Muon PROtection Insider Theft

Project Title: Defeat of Insider Theft in Nuclear and Radioactive Sites



Co-funded by the COSME programme of the European Union

The product in this project is a low-cost passive vehicle scanning system to prevent theft by an insider from nuclear or radioactive sites. There is a need for inspection systems that can penetrate all parts of a vehicle and detect nuclear and shielding materials that might be stolen from nuclear or radioactive sites. Lingacom is offering a green, passive detection solution using cosmic ray muons designed to meet global security requirements for detection of shielded nuclear and radioactive materials. Lingacom's vehicle scanner is a complementary solution to existing inspection systems on site.



Vehicle inspection

