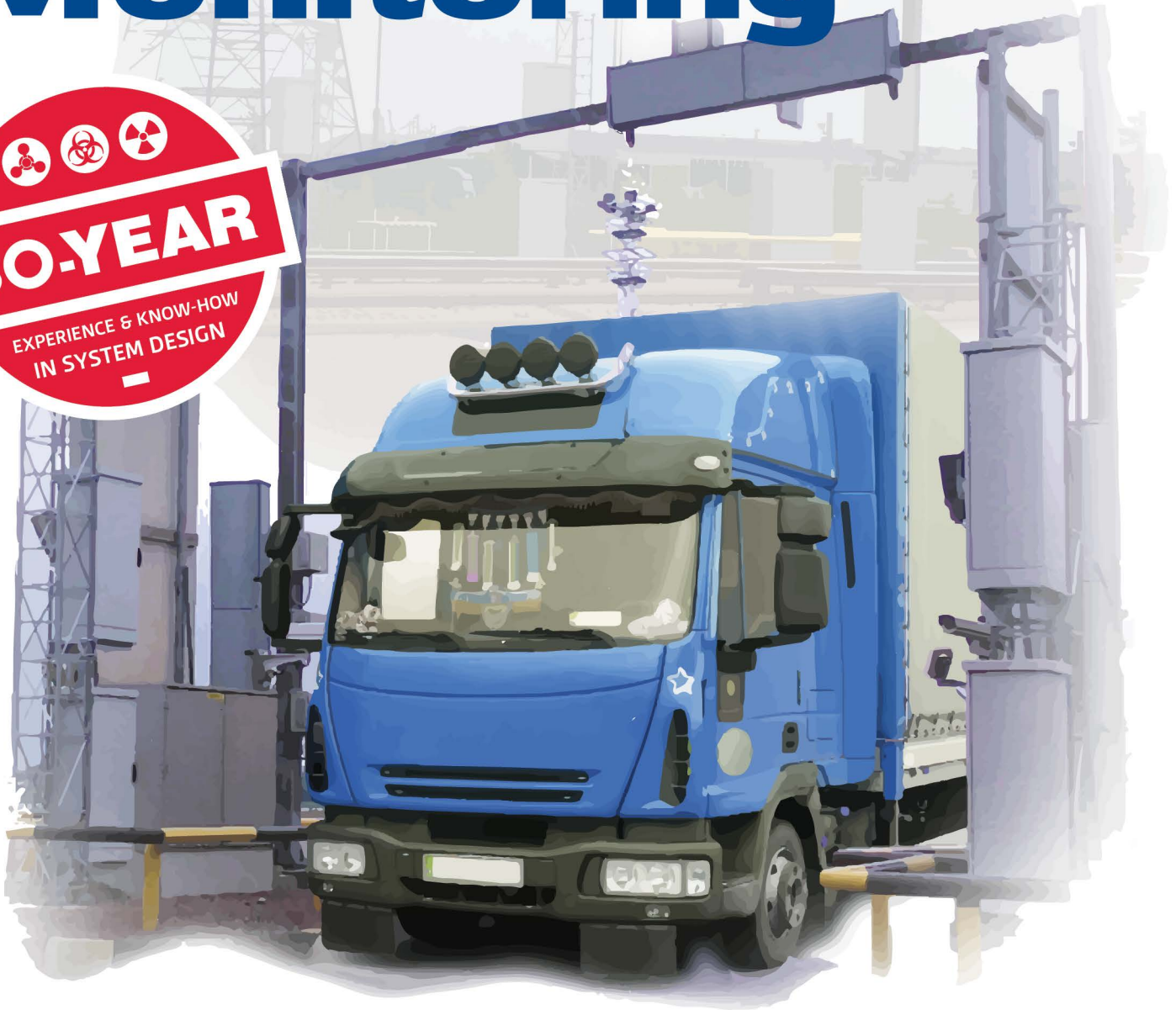


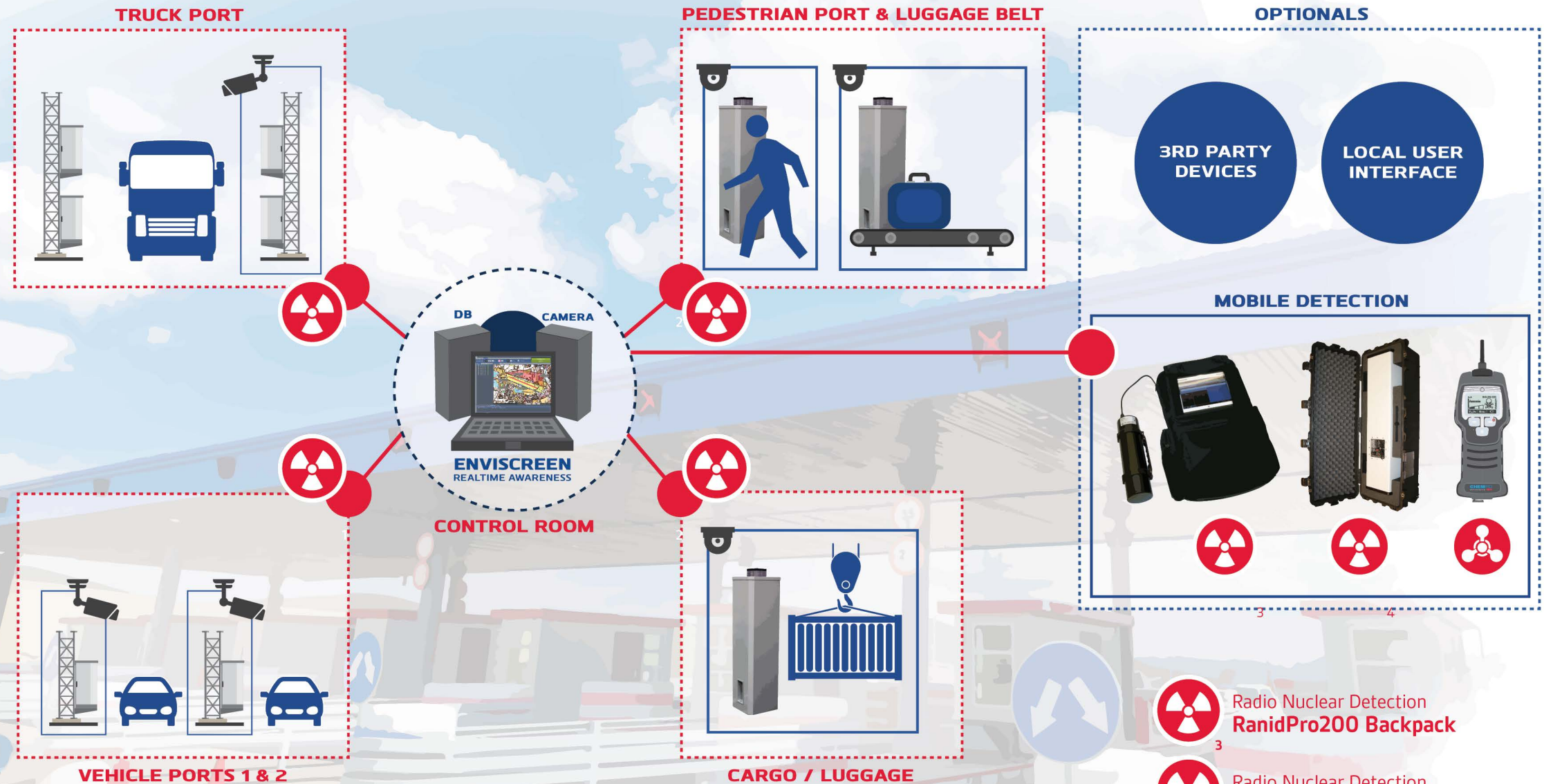
Border CBRN Monitoring



Considerable amounts of radiological material are legally used and transported daily, increasing the odds of accidents happening, material misplacement or ending up in terrorist hands. Because these threats cannot be neglected it's crucial to efficiently monitor people and goods passing through border stations to prevent illicit trafficking of radioactive material. These large masses passing through international borders set high requirements for reliable system solutions.

Key Benefits

- RN identification capability and high sensitivity detection
- Fast and reliable response
- Database for reach-back and expert support
- Expandability of capabilities to chemical and biological detection



 **1** Radio Nuclear Detection
RanidPORT-N Industrial

 **2** Radio Nuclear Detection
RanidPORT-N

 **3** Radio Nuclear Detection
RanidPro200 Backpack

 **4** Radio Nuclear Detection
RanidPORT Mobile

 Chemical Detection
ChemPro100i

Key References

- Helsinki-Vantaa Airport, Finland
- Port of Kotka-Hamina, Finland
- Tulli - Customs, Finland
- General Police Inspectorate, Moldova
- State Border Guard Service, Ukraine
- SSTC NRS, Ukraine
- Keskkonnaamet, Estonia

Environics

is a Finnish company with over **30 years** of experience from improving CBRN safety around the world with its in-house technologies and system solutions. Different safeguarding organizations in 50 countries, from civil defence and homeland security to the military, have already chosen us as their partner in CBRN threat detection.

It's crucial for countries to be able to efficiently monitor people and goods passing through borders to prevent e.g. illicit trafficking of radioactive material. For example, handling large masses passing through international airports requires reliable tools for monitoring and separating the natural background variation from unnatural radioactive sources. These requirements pose high demands for

reliable system solutions. Environics provides a sophisticated system to meet the high standards for radio nuclide detection and identification in the highly trafficked locations. Our system provides reliable results from passengers to freight containers and large trucks. The flexibility of the system allows the customer to choose exactly the right detector compilation that fits their needs.

Border CBRN Monitoring System

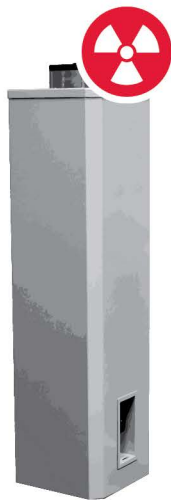
Environics provides RN monitoring and measurement solutions based around its EnviScreen Operix 2016 software to protect ports and borders against different CBRN threats and helps preventing illicit trafficking of radiological materials. Typical applications include a scalable system based on spectroscopic radiation portal monitors and camera surveillance.

Our RanidPort monitoring network integrated with EnviScreen Operix 2016 software is intended to face the challenges head-on and ensure reliable detection and identification of radiation sources. Integrated smart video surveillance system helps trace a suspected

radiation source, and the EnviScreen Dedicated System Software is able to handle expanding the system to cover the whole CBRN field.

Our concept solutions covers the following measuring points at borders:

- Pedestrian passengers
- Luggage screening
- Vehicle traffic
- Freight container screening
- Truck traffic



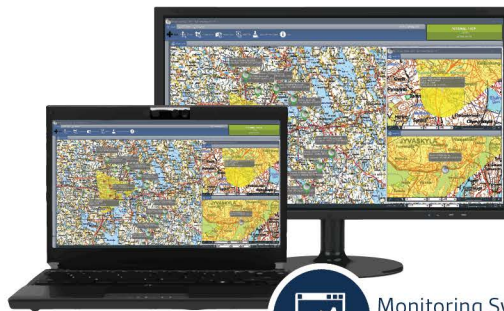
Radio Nuclear Detection
RanidPort-N



Radio Nuclear Detection
RanidPort Mobile



Radio Nuclear Detection
RanidPort-N Industrial



Monitoring System Software
EnviScreen Operix



Radio Nuclear Detection
RanidPro200 Backpack



Chemical Detection
ChemPro100i



Partner for the whole System Lifespan

Environics provides full life-cycle support to its solutions and always optimizes its systems to meet local environmental conditions. We are present from the first step of identifying customer needs to designing and delivering the system, all the way to full customer support and maintenance services. In addition to producing world-class CBRN systems, we also emphasize and provide user training.



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