

# RADIATION PORTAL MONITOR



- Advanced digital technologies
- High detection capabilities
- User friendly & fully automatic

## PEDESTRIAN CONTROL

### RCP

#### Detector portal for the Radiological Control of Pedestrians

The CRP system offers modular and adaptable solutions to your needs in terms of detection of Gamma and/or neutron radioactive sources carried by pedestrians. Our system takes dynamic or static measurements as the pedestrian passes in front of the detector(s).



### CORAPI C3P

#### Radiological control of Pedestrians portal

The CORAPI C3P radiological inspection portal ensures that there is no contamination on a person leaving a nuclear site or controlled area.

Its automated use means that the portal ensures a fast and reliable control with a very high sensitivity for each passage. Each of the four plastic scintillation Gamma detectors is individually managed by a specific algorithm developed by Bertin.



## CONTAINERS CONTROL

### RCCL

#### Radiological Control of Container Load System

The RCCL is industrial equipment designed for radiological monitoring in waste containers. This system is particularly well adapted for controlling Healthcare Waste when it is released from hospitals or enters waste treatment lines. It makes measurements in dynamic mode and provides real-time monitoring. Fully automatic and easy to maintain, the RCCL is available with 2.5L or 5L volume sensors.



## VEHICLES CONTROL

### SAPHYGATE G

#### Radiation portal monitor

The SaphyGATE G is specially designed for the detection of artificial or natural low-level radioactive sources in vehicles (trucks, trains, containers) and their cargo.

The portal compensates for the screen effect caused by vehicles and automatically adapts its alarm threshold, through its intelligent algorithm.



### SAPHYGATE GN

#### Special Nuclear Materials (SNM) portal monitor

The SaphyGATE GN is a Gamma-Neutron detector that uses only plastic scintillators combined with specific electronics and algorithm. It is highly sensitive and enables the effective and non-invasive fight against the illicit movement of sensitive nuclear materials.

The SaphyGATE GN is versatile and modular and suitable for inspection of vehicle loads, pedestrians and inside luggage.



### RCVL

#### Radiological Control of Vehicle Load System

Based on global counting technology, the RCVL is designed to detect potential radioactive sources in vehicle loads. Robust, reliable, scalable and autonomous, it is available in several configurations and has numerous options to adapt to all types of vehicles and loads, as well as to the specific features of each site. It is available with plastic scintillation detectors of 5 L or 25 L volume.



## EXPERIENCES

- 3.000+ RPM operative in more than 40 countries!
- More than 100 new SaphyGATE G operative world-wide
- International test certification: CMI, ITRAP+10, UNI-10897, etc.
- Professional after sales services
- Successfully audited by Voestalpine AG

## REFERENCES



- Arcelor-Mittal
- Posco
- Veolia



- IAEA
- China Customs
- EU Borders



- EDF
- OKG
- CEA/Areva