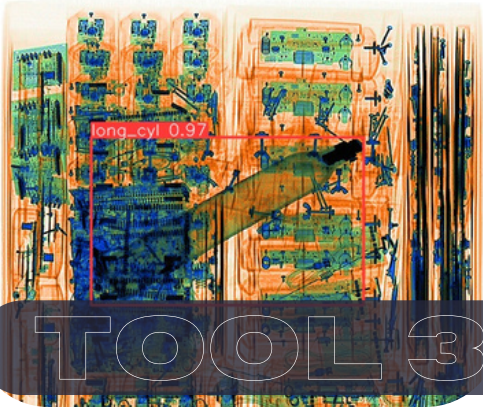


PERIVALLON TOOL CARDS



The PERIVALLON project aims to deliver an improved intelligence picture of organised environmental crime and develop tools for **detection, prevention, and impact assessment**. It uses geospatial intelligence, remote sensing, online monitoring, and predictive analytics to enhance investigation processes and methodologies.

These cards present **13 tools**, each a result of the development and validation efforts within the PERIVALLON project.

TOOL 3

Optimised X-ray scanner for concealed object detection module



Exploitation Type



Non-commercial



Partner in Charge

DYLOG
HITECH



Description

Automatically analyzes X-ray scans of packages to detect banned refrigerant chemicals and instantly alerts security inspectors for prompt action.



At a glance

Real-time X-ray image analysis for automatic detection of ozone-depleting substances and hydrofluorocarbons in trade goods.



Who is this tool developed for?



Security Inspectors & Adjacent Security Professionals



Customs & Border Control Officers



Environmental Compliance Officers



Cargo & Postal Screening Operators



Use Case

Screening trade goods X-ray images to identify and alert on concealed ODS and HFC materials.



Benefits & Added Value

- Assists security professionals in detecting high-risk substances
- Contributes to reduction of illegal waste trafficking within operational domains



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