VPSCAN – MION's EVD
Superior Sensitivity and Selectivity

MION

New Concept for Cargo Screening

VPSCAN – MION's EVD

VPSCAN is an **EVD** (**E**xplosive **V**apor **D**etector) tailor-made developed for **large cargo screening**

Air sampling
+
Sample Analysis

MION

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VPSCAN allows a precise detection of **ultra low vapor pressure** threats in large cargo

EXPLOSIVES - NARCOTICS

SPECIFICATIONS & PERFORMANCES	
DR (Detection Rate)	**> 90%**
FAR (False Alarm Rate)	**< 5%**
Limit of Detection	**0.01 ppq (parts per quadrillion)**
Substances to be detected	**ECAC explosive list Cocaine, heroin, MDMA, THC, Open database**
Technology	**Air sampling + DMA-MS**
Sampling time / Analysis time	**3-4 min / 3 min**
Results	**Automatic Identification**
Sampling	**Non-intrusive**

MION

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Why VPSCAN?
Allows large cargo screening **without unloading**

Time Reduction & Cost Effective

5 min / 35 €
Full Container &
truck screening

Technology under the certification process by the **ECAC-EC** for air cargo