



## ADVANCED CONTAINER BREACH MONITORING



## AT A GLANCE

#### EyeSeal device installation

### Constant monitoring during entire voyage



### Cargo arrives at destination



Upon arrival at final destination EyeSeal generates a full detailed forensic report of the entire voyage.





Temperature monitoring

Humidity monitoring





## THE PROBLEM

**Transit container is breached** Cargo/goods avoid paying import duties and taxes.



Illegal goods removed before clearing customs



### Cargo is missing at delivery



Cargo infringements are a growing global issue

What makes our solution unique is that it is installed on the inside of a shipping container.

## This makes our device 100% tamper-proof!



## The solution for the entire value chain



#### Shipper

- Brand protection
- Increased efficiency
- Secure supply-chain



#### **Surveyors & freight forwarders**

- Streamlining of operations
- Revenue opportunity
- Positive for reputation





#### **Shipping companies**

- Increased safety
- Reduced liability

#### **Cargo terminals**

- Higher efficiency
- Reduced congestion
- Increased safety



### **Digital platforms**

- Lack of reliable devices
- Reliable data
- Added value services

### Ground transportation

- More control

## Insurance

- Improved risk assessment
- Efficient claims processing
- Increased profitability
- Reduced instances of fraud





#### **Trade finance**

• Reduced fraud • Improved transparency • Increased revenue

#### Governments

- Homeland security
- Crime mitigation
- Increased tax revenue

#### Customs

• Higher efficiency • Secure borders Increased data visibility

### Law enforcement

- Rule of law
- Efficiency
- Less negative impact on society

### **Final customer**

- No surprises
- No disruptions
- Increased satifcation



• Increased safety Increased efficiency

### **NEGATIVE CONSEQUENCES OF A LACK OF SECURITY FOR CARGO TRANSIT**

- Loss of tax revenue for the government
- A negative impact on domestic and international trade
- Increase of unfair competition inside the EU
- Slowdown in economic development
- Decline in confidence or business partners exporting to the EU
- Risks to state and community security
- Increased criminal activity and corruption
- Damage to the international reputation of European ports







- Device installed **inside** the container at point of origin
- Unique patented door sensors
- Operates on a global communications network service
- Generates regular reports and immediate break-in alerts with timestamp and location across the entire logistics value chain

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## **THE SOLUTION**

### A PRO-ACTIVE SYSTEM TO MONITOR THE RISK OF COVERT **INSERTION OR EXTRACTION OF** GOODS AFTER THE CONTAINER IS SEALED









Customs receive breach alert & data

Time and location of any breach is detected by device

Servers operate on highly secure architecture using private APNs



Law enforcement is tipped off and takes action



Certified evidence of incident



## EyeSeal - Defense in Depth Cyber Security Capable

Device Level

- Endpoint Security Features
- Jamming Detection
- Jamming Notification
- Jamming Remediation

### **Network Level**

- Secure Network Connection to Endpoint
- Network Monitoring for Malicious activities



### Server Level

Advanced Monitoring and Notification



### SHIPPING CONTAINER MONITORING PROCESS



Device installed inside the container at the point of loading Monitoring from the point of loading to the point of final delivery Any form of container break-in is recorded at all times



Real-time reports via gsm network (stored off-grid)

EyeSeal notifies customs and law enforcement of break-ins







EyeSeal device installed inside the container at point of origin possibly in collaboration with accredited survey company.

### **DIGITALLY ENABLED** TRUSTED CARGO AND **PORT EFFICIENCY**

- Trusted fastlane access with EyeSeal device installed at origin of voyage.
- Economical advantage of skipping days or even weeks of port congestion is significant.





## Proof of concept

Gateway2 Britain project

In 2023, EyeSeal particiapted in a pilot project to create a cargo shipment fast lane between Belgium and the UK.

EyeSeal was selected as the most advanced solution among more than 20 participants.



### EyeSeal supports Gateway2Britain digital trade initiative

Today, EyeSeal Inc., along with PROSS and Tempest, their global distribution partners, announced that EyeSeal's cargo breach detection device and EyeTrack application have successfully completed Gateway2Britain digital trade pilot. EyeSeal.



Date: 7th July 2023

From: Daan De Vlieger (ddevlieger@deloitte.com); Thibo Clicteur (tclicteur@deloitte.com)

Dear Sir, Dear Madam,

Via this way we would like to declare that Deloitte has successfully cooperated with EyeSeal on the Gateway<sup>2</sup>Britain project, for which EyeSeal was selected as one of the technological solution providers for a number of pilot shipments involving the use and testing of track and trace technology.

Throughout our collaboration, we have experienced EyeSeal as a knowledgeable, trustworthy and punctual party in the preparation and execution of a number of closely monitored pilot shipments from the EU to the UK, during which its technology was successfully tested.

Please do not hesitate to reach out in case of any inquiries regarding this statement.

Your sincerely,



**Daan De Vlieger** Partner | Global Trade Advisory Deloitte Conseils Fiscaux / Belastingconsulenten Gateway building - Luchthaven Nationaal 1J - 1930 Zaventem ddevlieger@deloitte.com | www.deloitte.be Deloitte. 8620



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#### Statement of good collaboration

To: Enrique Acosta (Enrique@eye-seal.com); Fred Yentz (fred.yentz@eye-seal.com); Carlos Ulloa (carlos@eye-seal.com); Jean-Marc Derrouazi (imd@pross.ae); Christophe Detilloux (Cd@pross.ae); Baldwin Berges (baldwin.berges@gmail.com),

Subject: Declaration concerning the cooperation between Deloitte and EyeSeal on the Gateway<sup>2</sup>Britain project

## **DETAILED TRIP REPORT**

Detailed automated legal reports of the entire trip can be downloaded at any time.

- Protects the interests of importers and exporters
- Trademark and reputation protection
- Added value to cargo investigation efforts
- Hard evidence for law enforcement and insurance

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