



**EYSEAL<sup>®</sup>**

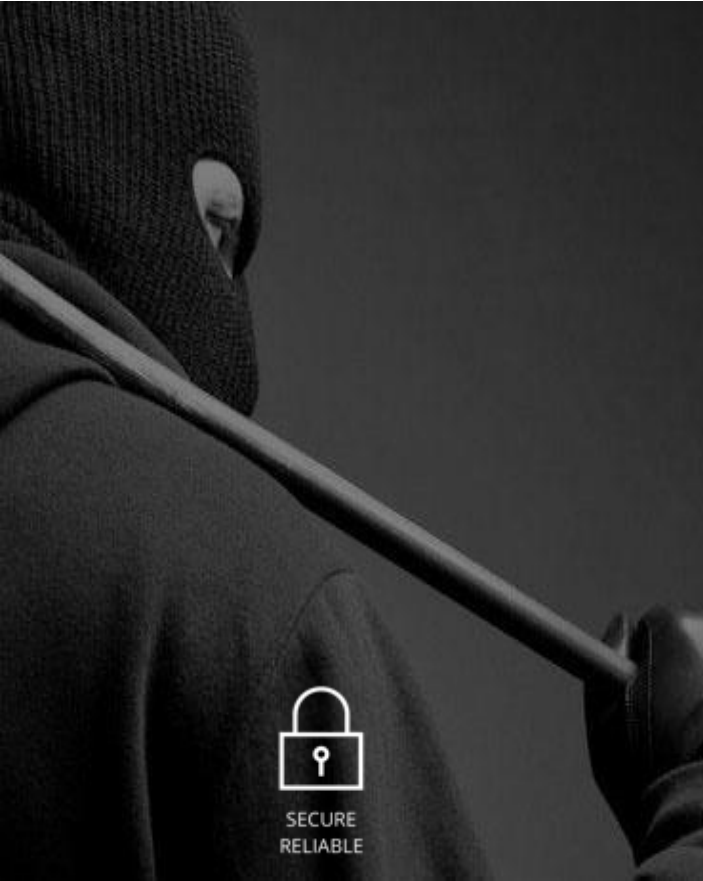


**S&P GLOBAL PLATTS**  
GLOBAL METALS AWARDS  
2019 FINALIST

**Smart Internal Container  
Breach Detection Device**

# The Problem

## Theft & Cargo Damage



SECURE  
RELIABLE

## Cargo Theft and Damage are Multi-Billion Dollar Problems for the Maritime Shipping Industry

1

Majority of cargo theft occurs while in transit on land.

2

Thieves have mastered the art of removing merchandise leaving container door seals intact.

3

Not being able to identify problems with cargo until it arrives at destination is like finding out your home was broken into weeks after the fact.

4

Lack of transparency in the Logistics chain negatively affects commercial relationships and delays insurance reimbursement and subrogation attempts.

# Current Standard Security Seal



# More External Seals



# The Opportunity



1

Every properly authorized Maritime shipment should have a 'digital footprint' and the equivalent of a "Digital Twin".

2

Technology now allows for monitor and to detect, record and report door openings, light values, and changes in environmental parameters through the entire logistics chain.

3

Identifying who is responsible for container breaches and damages will protect commercial relationships and improve the efficiency and success of the insurance process.

## Eye-Seal

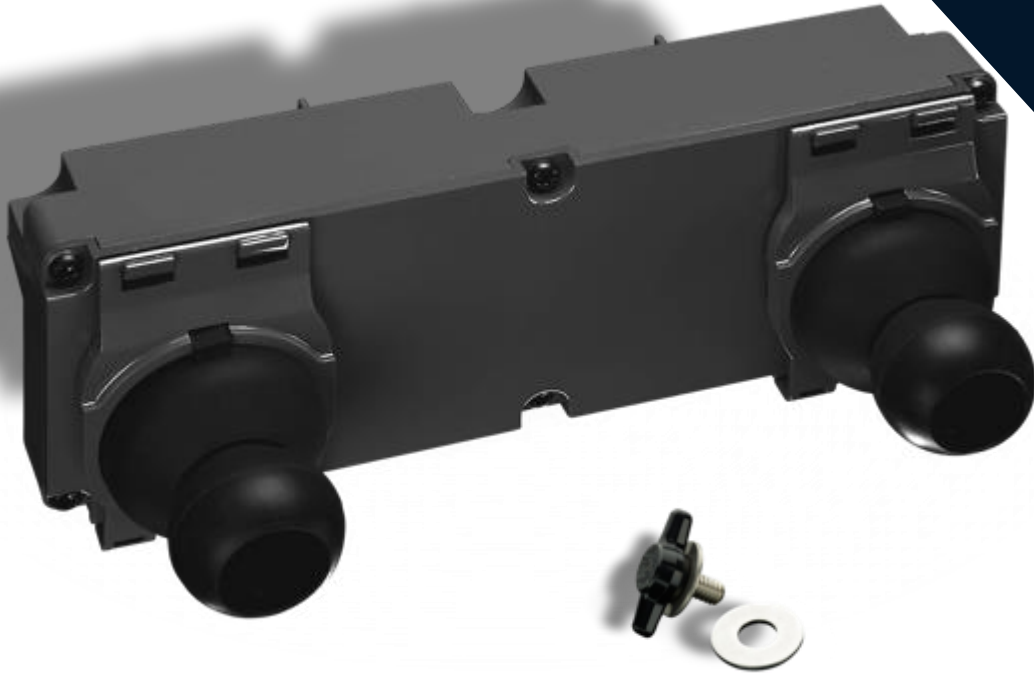
**An Digital Seal with integrated sensors and a Battery That Can Last Any Voyage Length**

- Patented Internal Breach Detection Sensors that monitor each door independently.
- Internal Environmental Sensors for Humidity, Temperature, Dew Point and Light.
- Based on a Communications Platform that is Dependable, International and Cost Effective.
- Establish Custody & Responsibility Over The Logistics Chain via Scheduled Reports and Immediate Breach Alerts with a Time/Date and Location Stamp.

## The Solution



# The Eye-Seal Unit







# Mounts Internally



NO TOOLS  
REQUIRED



INSTANT  
INSTALLATION



BREACH  
SENSORS




# Sample Email Alert

*Verifiable Immediate & Schedule Alert Report  
(VISAR)*

Users will receive an email like the one on the  
right with the blue link at the bottom.

The link contains the full VISAR Report

Next Slide for  
Sample VISAR Report

  
EYeseal<sup>®</sup>

## EyeSeal Device Alert

**doorEvent**  
**05-Aug-2019 14:31 UTC**

|                             |              |               |
|-----------------------------|--------------|---------------|
| Door Status                 | Light Status | Battery Level |
| Left: Closed, Right: Closed | Off          | 3603          |
| Temperature                 | Humidity     | Dew Point     |
| 23°C                        | 45%          | 12°           |
| Bill Of Lading              | Container Id | Device SN     |
| bol1234                     | PARA1201037  | ZZZZZ6935     |

Origin: dfw  
Destination: mia  
Latitude: 27.1303152  
Longitude: -80.1870615  
Cell Id: 133186063  
Location Area Code: 27198  
Mobile Country Code: 310  
Mobile Network Code: 410  
RSSI: -51

VIEW ALERT IN EYeseal PORTAL

# Sample Alert Report

## EyeSeal Alert Report

Prepared for DiscoverTec, LLC on 10-Jun-2019



### Shipment Details

Booking Number: BOOKING 115  
Bill of Lading: BL 115  
Line: LN 115  
Origin: Jacksonville  
08 May 2019  
Destination: Spain  
23 May 2019

### Container Details

Number: MDK0266542  
Seal Number: SN115  
Customer Ref #: CTR115  
Device: D9208001

### Summary

Status: Deployed  
Enter Inventory: 2/1/19  
Deployed: 3/1/19  
End of Voyage: TBD  
Returnable: TBD

### Most Recent Event

Door Event  
4/24/2019 10:10:32 PM  
Location: 33.0066N, 96.679999W  
Doors: Left closed, Right closed  
Light: Lt  
Temp: 23 C  
Humidity: 33%

Cell ID: -959196582  
LAC: 2069568131  
MCC: -1099178265  
MNC: -1726586563  
RSSI: 30



4/24/19 11:00a User: brian@customer.com noted Return call from bill, US Customs  
4/24/19 10:30a User: brian@customer.com noted Contacted warehouse manager about incident

### Last Check-in

Door Event  
4/24/2019 10:10:32 PM  
Location: 33.0066N, 96.679999W  
Doors: Left closed, Right closed  
Light: Lt  
Temp: 23 C  
Humidity: 33%

Cell ID: -959196582  
LAC: 2069568131  
MCC: -1099178265  
MNC: -1726586563  
RSSI: 30



4/24/19 11:00a User: brian@customer.com noted Return call from bill, US Customs  
4/24/19 10:30a User: brian@customer.com noted Contacted warehouse manager about incident

### Notification Contacts

Jim Franklin 234-567-8900 jim.franklin@yahoo.com  
Sam Smith 567-999-1010 sam@gmail.com

### CTA Contacts

Jim Franklin 234-567-8900 jim.franklin@yahoo.com  
Donna Wilson 765-222-9817 donna@customer.com

## EyeSeal Alert Report

Prepared for DiscoverTec, LLC on 10-Jun-2019



### Event History

#### Event 8-14

Door Event

4/24/2019 10:10:32 PM  
Location: 33.0066N, 96.679999W

Doors: Left closed, Right closed  
Light: Lt  
Temp: 23 C  
Humidity: 33%

Cell ID: -959196582  
LAC: 2069568131  
MCC: -1099178265  
MNC: -1726586563  
RSSI: 30

4/24/19 11:00a User: brian@customer.com noted Return call from bill, US Customs  
4/24/19 10:30a User: brian@customer.com noted Contacted warehouse manager about incident

#### Event 8-15

Door Event

4/24/2019 10:20:37 PM  
Location: 33.0066N, 96.679999W

Doors: Left closed, Right closed  
Light: Lt  
Temp: 23 C  
Humidity: 33%

Cell ID: -959196582  
LAC: 2069568131  
MCC: -1099178265  
MNC: -1726586563  
RSSI: 30

4/24/19 11:00a User: brian@customer.com noted Return call from bill, US Customs  
4/24/19 10:30a User: brian@customer.com noted Contacted warehouse manager about incident

VISAR Report Pages 1 & 2

# Value Propositions

Insurance Companies

Value Added Logistics Services

Ocean & Rail Freight Carriers

Transportation Management

International Law Enforcement Agencies

Intermodal Transport

Sovereign Tax Authorities

**Eye-Seal Device Installation Video Link**



**Sample Container Breach Video Link**



*Click on the Logos  
They are Hyperlinked*

# Resources Videos