

# BOSCH

## Industry Portfolio

### Sense Connect Detect



Small, efficient,  
robust – a simple  
sensor for I4.0 and  
logistics

**The Newcomer**

### Connected Industrial Sensor Solution



Compact multi-  
sensor device for  
harsh industrial  
environments

**The All-rounder**

### Intelligent Vibration Analysis Sensor



Device for high  
bandwidth and high-  
resolution vibration  
measurements in  
harsh industrial  
environments and  
mobile applications

**The Specialist**

# Connected Industrial Sensor Solution | CISS

## Features & Benefits



Multiple sensor  
solution



Increased  
efficiency



High protection  
class (IP 54)



Broad  
temperature  
range



Connectivity:  
Bluetooth & USB

# The All-rounder

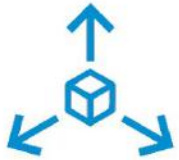
# Sense Connect Detect | SCD Features & Benefits



Digital Light



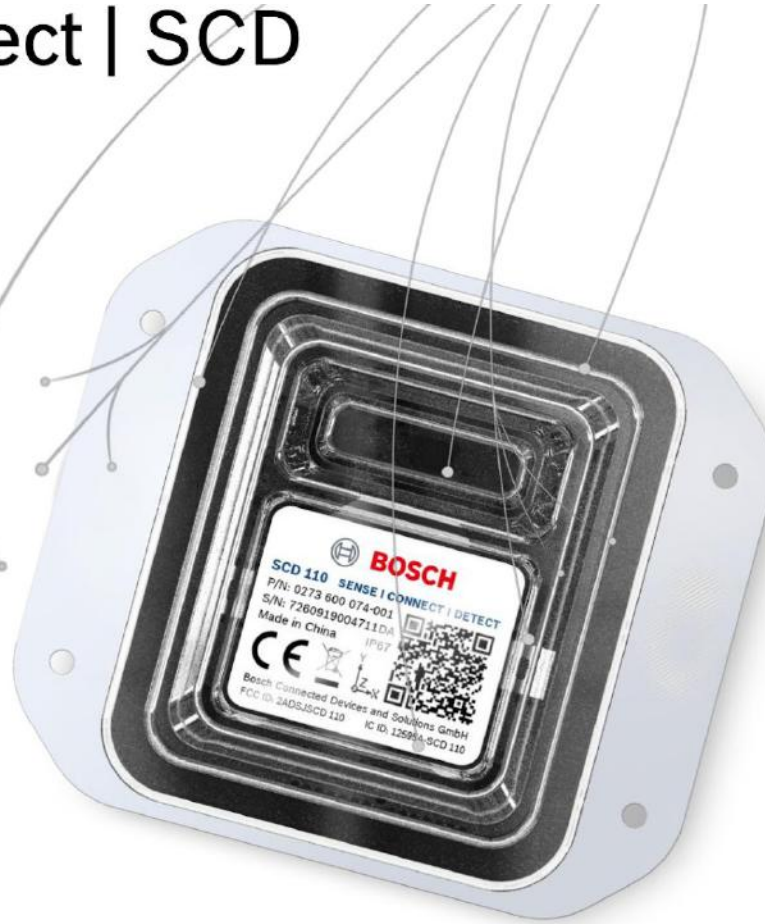
Magnetometer



Accelerometer



Temperature



Mountable  
everywhere\*



Fast & simple



High protection  
class (IP 67)



Best price-  
performance  
ratio



Connectivity:  
Bluetooth

\*The stick-on label can be attached anywhere in a few seconds. Optionally you can also use screws e.g.

## The Newcomer



# Our Portfolio – BCDS

## Intelligent Vibration Analysis Sensor | IVAS



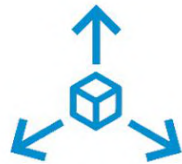
Wide bandwidth vibration measurement sensor for reliable condition and process monitoring



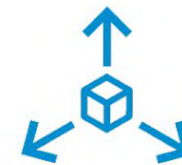
Integrates intelligent data pre-processing and analysis



Robust and compact metal housing for usage in harsh industrial environments (IP 67)



20kHz  
Accelerometer



3 kHz  
Accelerometer



## Connected Logistics Portfolio

Transport Data  
Logger 110



Senses and records relevant temperature, humidity, tilt, and shock events.

Transport Data  
Logger Freight  
Guard



Real-time monitoring & Geo-tracking of valuable and time-critical goods: position, temperature, pressure.

Traci



Construction and agriculture asset tracking. Immune to high mechanical impacts: location, shock, orientation.



## Transport Data Logger | TDL110

TDL App + Cloud give  
you access to all  
uploaded data

### USE CASE Machine Storage

Possibility to log data and get information on potential issues. You can react on time and get the information that your valuable machine may get damaged due to excessive humidity e.g.

Benefits



“Plug and Play” solution



Cost-efficient



Effective delivery monitoring

Functions



Tilt



Humidity



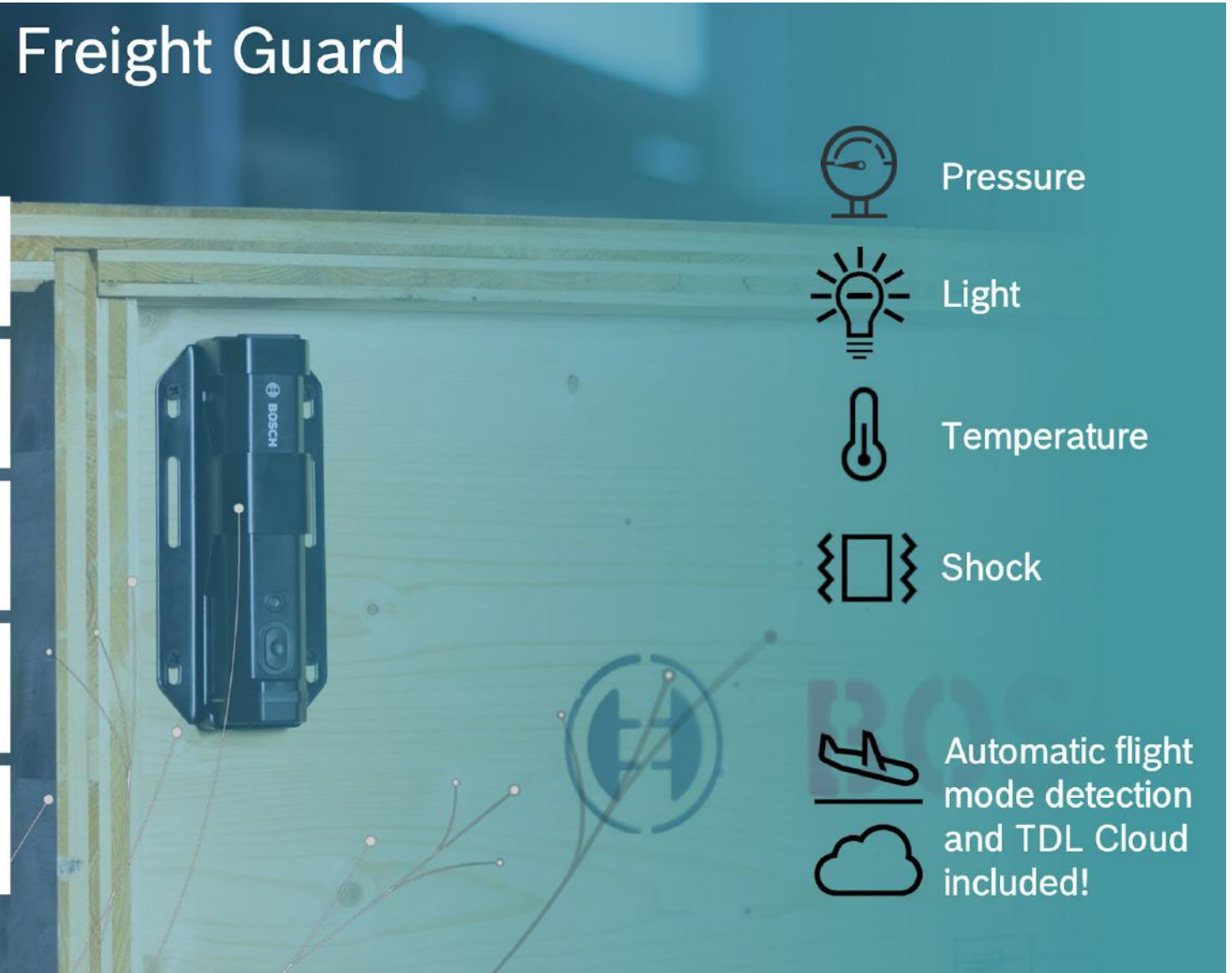
Temperature



Shock

# Transport Data Logger Freight Guard

<b>Shock detection</b>	Up to 24G
<b>Protection class</b>	IP 64
<b>Notification</b>	Real time
<b>Location / Tracking</b>	GPS, GLONASS, A-GPS, cell location
<b>Communication</b>	GSM/GPRS/EDGE/UMTS/HSDPA/HSUPA





## Traci Features & Benefits



Temperature



Shock



Magnetometer



GPS

<b>Alerts</b>	Accident, maintenance, geofence, temperature
<b>Battery lifetime</b>	3 – 10 years
<b>Protection class</b>	IP 69
<b>Communication</b>	Bluetooth & LoRa