

PRODUCT CATALOG

 **ineo·sense**
BRINGING SENSE TO WIRELESS



Solutions adapted to each of your needs



Track & Trace

Real-time Geofencing

On-the-fly inventory



Alert, Control & Secure

Give your security staff, the real-time data they need



Enhance, Supervise & Gather

Monitor your equipment and prevent issues efficiently



On demand solutions



Track & Trace

Real-time Geofencing

On-the-fly inventory

- TRK-Tracer[®]
- TRK-Tracer-Slim[®]
- TRK-Tracer-GPS[®]
- TRK-Zon[®]



TRK-Tracer[®]

Locate, Identify and Inventory Your Equipment

USE CASES



Production flows tracking



Analysis of the usage rate



Stock management



PRODUCTION FLOWS TRACKING

Tracks the progress of production steps in real time. Identifies priorities. Finds the boxes out of process.

ANALYSIS OF THE USAGE RATE

Inventories and locates the big tools or construction equipment. Detects exits from the operating area. Ensures that the construction equipment is properly loaded. Reduces thefts.

STOCK MANAGEMENT

Analyzes transport times and usage rates. Inventories packaging on each site for better operation.



LoRaWAN[™]



TRK-Tracer-Slim®

Locating people and assets with alert button

USE CASES



Follow-up your staff



Production flows tracking



Patrol management



56 mm

76 mm

FOLLOW-UP YOUR STAFF

Tracks the location of your employees in real time to ensure their safety.
In case of a problem, the alert button will inform you in real time.

Dead man functionality thanks to its movement sensor and detection of loss of verticality.

PRODUCTION FLOWS TRACKING

Tracks the production progress in real time. Identifies priorities. Finds the boxes out of the process.

PATROL MANAGEMENT

With our TRK Zon, our LoRa wireless beacons, you can locate and track in real time the location of your security staff during the surveillance round.



LoRaWAN™



TRK-Tracer-GPS®

Autonomous location and GPS (GNSS)

USE CASES



Managing, locating and securing your equipment fleets



Tracking of assets, containers and sensitive parcels



MANAGING, LOCATING AND SECURING YOUR EQUIPMENT FLEETS

TRK-Tracer-GPS allows you, in real time, to know the location of all your equipment (work engine, welding station, dumpster, compressor...); in addition, its motion sensor will allow you to know its usage rates.

Thanks to this remote management, you are able to make resource allocation in line with your needs, apply a billing to use and optimize your maintenance rounds for the dispatching of your equipment.

TRACKING OF ASSETS, CONTAINERS AND SENSITIVE PARCELS

Geolocates of your assets and controls storage temperature with an integrated temperature sensor. Records all events during the journey. Reduces risk of theft.



LoRaWAN™



TRK-Zon[®]

Autonomous LoRa zone beacon

USE CASES



Inventory and stock
management



Check in /
Check out



Workflow
monitoring



INVENTORY AND STOCK MANAGEMENT

Invents your equipment by simply installing a zone beacon in storage locations. INEO-SENSE TRK-Tracer tags identify the beacon and trace the information back to the network.

CHECK IN / CHECK OUT

Identifies inbound and outbound assets at your guard posts, on the fly and in real time, without having to open your vehicles.

TRACKING PRODUCTION FLOWS

Tracks the progress of production steps in real time by judiciously positioning the zone beacon at each stage.



LoRaWAN[™]



Alert, Control & Secure

Give your security staff, the real-time data they need

- ACS-Padlock[®]
- ACS-Switch[®]
- ACS-Switch-PIR[®]
- ACS-Switch-Range[®]
- ACS-Switch-Buzz[®]
- ACS-Report-LED[®]



ACS-Padlock[®]

Reusable Connected Seal



USE CASES



Road
transport



Electrical
lockouts



Logistic



Access
management

ROAD TRANSPORT

Monitors your cargoes for the duration of the transport. Lock and unlock notification. Fraud alert.

ELECTRICAL CONSIGNMENT

Manages the consignments of electrical cabinets and the various protective organs and controls in electrical cabinets.

LOGISTICS

Control of connected padlocks to secure loading docks. Remote control of the padlocks.

ACCESS MANAGEMENT

Secures access. User management with rights allocation. Fraud alert and notification of locking/unlocking with user identification.



ACS-Switch®

Detection of Openings And Positions

USE CASES



Access control



Fire Safety



Cold room



Infrastructure
management



ACCESS CONTROL

Detection of openings and closings of doors, gates, roof windows... It makes it possible to detect intrusions and count passages.

FIRE SAFETY

Monitors hatches, fire safety domes or fire doors thanks to the tilt measurement.

COLD ROOM

Detection of openings of transport vehicle doors along with the temperature monitoring. Alarm sent in the event of a break in the cold chain.

MANAGEMENT OF INFRASTRUCTURE AND WORKS OF ART

Securing of loading docks and trailers. Monitoring of shuttle boxes and containers of all types by detecting shocks, vibrations and temperature measurement.



LoRaWAN™



ACS-Switch-PIR®

Infra-Red Presence Detection (PIR)



USE CASES



Intrusion
detection



Facilities
management



Passage
quantization

INTRUSION DETECTION

Monitors accesses on premises by infrared detection (PIR). Optimizes on-call duties and security checks.

FACILITY MANAGEMENT

Occupation rate of meeting rooms and areas open to the public for a better organization and optimization of maintenance checks.

PEOPLE COUNTING

People counting, 2 or 4-wheel drive vehicles for access monitoring : public restrooms, bike stations, car parks...



LoRaWAN™



ACS-Switch-Range®

Distance Measurement

USE CASES



Level detection



Process improvement



Bicycle rack management



LEVEL DETECTION

Management of containers fill level : dumpsters, bins, tanks... Notifications when the thresholds are exceeded.

PROCESS IMPROVEMENT

Monitors a piece of equipment, a frame offset or a moving mechanical element. ACS-Switch-Range fits into industrial and tertiary process improvement.

BIKE STATIONS MONITORING

Presence detection of bicycles at bike stations. The autonomous, wireless optical reflection sensor detects the presence of a bicycle and notifies its arrival and departure.



LoRaWAN™



ACS-Switch-Buzz[®]

Autonomous Alarm

USE CASES



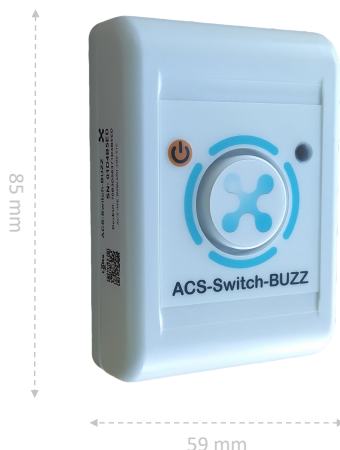
Safety alert



Deported alarm



Process alarm



SAFETY ALERT

Equipped with a buzzer and an intelligent sensor (tilt, movement, magnetic environment), you will be warned of an abnormal position (opening or closing) of accesses (fire doors, hatches, fire domes).

DEPORTED ALARM

Combined with other types of sensors, ACS-Switch-BUZZ will warn you if a process is not respected or if a fixed value (temperature, humidity, tilt) is exceeded.

PROCESS ALARM

Alarm triggers if an abnormal position is detected along with a timer (fridge door to make sure the cold chain is respected, industrial oven, boiler...).



LoRaWAN[™]



ACS-Report-LED®

Autonomous Light Indicator

USE CASES



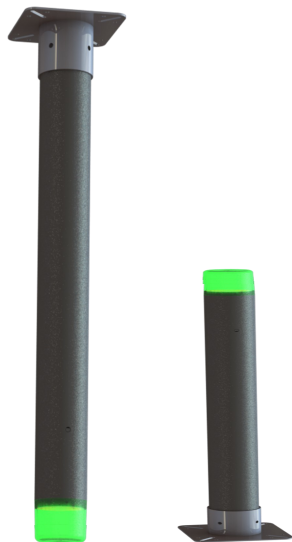
Logistics and
transport



Security alert



Industrial
processes



From 200 to 1500 mm

LOGISTICS AND TRANSPORTATION

Simple and effective visual signal to inform drivers or operators where to go or deliver a package in a warehouse.

SECURITY ALERTS

Column type or flashing light signal to indicate different security status. You can add the ACS-Report-BUZZ to have a sound alert.

INDUSTRIAL PROCESS

Monitors the health condition of a machine. Manages tasks by priority or by status with different LED colors.



LoRaWAN™



Enhance, Supervise & Gather

Monitor your equipment and prevent issues efficiently

- ESG-Logger-NRJ[®]
- ESG-Logger-Pulse[®]
- ESG-Logger-Hygro[®]



ESG-Logger-NRJ[®]

Tracking Electricity Consumption

USE CASES



Consumption
breakdown

123

Counting



Preventive
maintenance

CONSUMPTION DISTRIBUTION

Measuring the consumption of each energy plant in your industrial facilities. Identification of large consumption items.

COUNTING

Simple and wiring-free consumption monitoring. Plug'n Play solution that allows use in a variety of locations.

PREVENTIVE MAINTENANCE

Monitoring your electrical production facilities. Making a consumption template. Anticipation of over-consumption and breakdowns.



LoRaWAN[™]



ESG-Logger-Pulse®

Pulse-Counting Consumption Tracking

USE CASES



Consumption
bill



Leak detection



Period of use



CONSUMER STATEMENT

Consumption statement from pulse counter. Easy to install and connect.

LEAK DETECTION

Detection of anomalies thanks to its calendar operation and the on-board processing of impulse counting.

PERIOD OF USE

Behaviour monitoring to determine a functioning profile.



LoRaWAN™



ESG-Logger-Hygro®

Monitoring Humidity and Temperature

USE CASES



Storage area



Industrial
process



Off-line cold
chain



STORAGE AREA

Compliant with storage standards. Measures temperature and humidity of your storage areas. Autonomously and easily implemented.

INDUSTRIAL PROCESS

Monitors your paint booths, ovens, heating processes and only go back up to the essentials. If there is an anomaly, refers to the records of our ESG-Logger.

COLD CHAIN BREACH

Monitors your cold chain without any special connectivity. Once you arrive at destination, check the history of our ESG-Logger and check that there has been no breakage.



LoRaWAN™



On demand solutions



Thanks to its generic Clover-Core® technological platform, Ineo-Sense is able to provide **custom sensors**, within **fast deadlines** to provide the most suitable solutions. The perfect knowledge of the **different communication networks** (LoRa, Sigfox, BLE, NBIoT, ...) allows Ineo-sense to offer you the better solution to improve profitability of each IOT use case.



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