

# WEBINAR

## Technology for Supply Chain: are you ready for RFID ?



**Innovative Solutions for the transport logistics.  
RFID and IOT technologies**

May 27th, 2021

# Who is IDnova ?

IDnova is a company that designs, manufactures and markets products and solutions for automatic identification in radio frequency.

*Technology Manufacturer since 2006*



*Company*



[www.idnova.it](http://www.idnova.it)

# Products overview



READERS



GATE



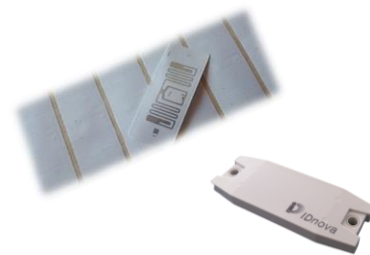
SAFETY



SMART SENSOR



IOT LOCK



SMART LABEL & TAG

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# Some questions !!!

## How does technology help transport logistics?

- ✓ in recent years, the performance of technologies has improved
- ✓ real time informations
- ✓ process digitalization
- ✓ high security level
- ✓ **big data analysis**

## Is this technology only for bigger companies?

- ✓ hardware costs have decreased
- ✓ the use of technology is getting more and more affordable for everyone
- ✓ incentives in the Industry 4.0 area
- ✓ Return of Investment over a short time
- ✓ **sustainability and green economy involve all the companies**



# FAST LANE SYSTEM

## Automatic Gate IN/Gate OUT

RFID technology solution for PORTS or INTERPORTS for automatic reading of TAGs or RFID SEALS.



FAST LANE SYSTEM is an "all-in-one" RFID system specially designed **to monitor and manage the access of trucks, trailers and containers** passing through access gates. FAST LANE SYSTEM identifies, reliably and securely, all RFID TAGs applied in any position and condition, **also discriminating the individual passage lanes.**



First installation year 2013



Last installation year 2020

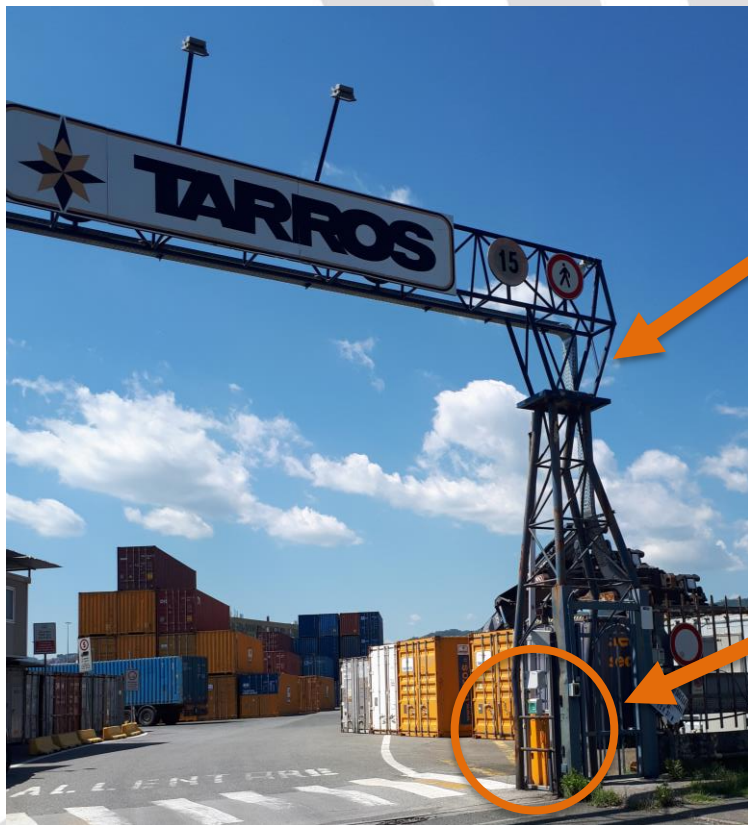


Autorità di Sistema Portuale  
del Mar Ligure Orientale  
Porti di La Spezia e  
Marina di Carrara



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# Gate: troublesome installation ?



Everybody thinks of this .....

.... but it's only this !!!



**IDnova Fast  
Lane Antenna**

# Even simpler with handheld reader



- ✓ Smartphone design
- ✓ Easy to use
- ✓ No infrastructure
- ✓ Low impact

Even using handheld reader the main topics are still the same as RFID gate: real time information, process digitization, more efficient processes, fewer errors.



Multi standard technology



RFID



QR CODE



BARCODE



NFC

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# IOT Device



## **TINTORETTO E-SEALS**

E-Seals for monitoring and lock the containers with tamper evident electronic function

- ✓ lock container

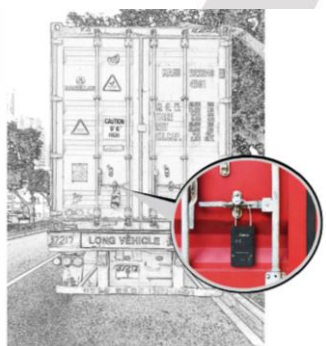


## **PADLOCK IDN-K803**

with your smartphone you can authorize the opening and monitoring who, when and where uses the padlock.

No more sets of keys ...

- ✓ value boxes
- ✓ meter devices box
- ✓ special transport
- ✓ banking sector



## **SMART LOCK IDN-K211**

It is specially designed for management of door locks in ground and sea transport such as trucks, vans, trailers and containers. It's possible to track the routes thanks to GPS technology and monitoring the opening of containers. It sends an alarm message in real time in case somebody cut rope wire for unauthorized opening.

- ✓ safety container
- ✓ isolated gates or accesses
- ✓ monitoring box

# Latest NEWS 2021

## COMBI: a transponder suitable for all applications !!!

IDnova is glad to present COMBI, the latest new product in our portfolio of RFID transponders.

COMBI has been designed for industrial logistics and traceability applications and it integrates a double technology in a single tag: **NFC for proximity communications with smartphones** and **UHF RFID for long reading distance with industrial handhelds or gates**. It is also possible to customize it with laser engraving with LOGOS, BARCODE or QRCODE.



- ✓ Logistics
- ✓ Industry
- ✓ Asset tracking
- ✓ Trailer identification
- ✓ Container identification

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# Many thanks for your kind attention !!!



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