



INTRODUCTION:

° According to the customs agencies an average of 60% of cargo escapes verification at European Customs. 20% of shipping bills are not checked and there are at least 50.000 counterfeit documents in each major port.
 ° 99% of the cases involve containers received from Asia and its estimated that these discrepancies result in **EURO 200 million of evaded taxes, every six months at each major European port .**

PORT EFFICIENCY AND PRODUCTIVITY

Rigorous bureaucracy and meticulous customs checks often mean that transportation of cargo becomes a slow and time consuming process.

In certain European ports goods are received entirely from Asia and only **MILLIONS OF TONNES** of these goods are registered.

At least another million tones pass through European ports without being recorded or identified.

Each container must be numbered with a unique ID code and numbering, however there are many containers which are labelled with duplicate identification. These containers are easily and often unknowingly overlooked during the various checks at the port.



ITS VERY EASY FOR A CONTAINER TO SLIP THROUGH THE NET OF LEGALITY



**LEGHORN CAN
PUT AN
IMMEDIATE STOP
TO THIS!**



An RFID label not only clearly identifies the numbering and ID code of the container, but can also supply an electronic identification which cannot be modified or duplicated. **LEGHORN'S CARGO E-LABEL CANNOT BE COUNTERFEITED.**



INTERGRATED RFID TAG

Electronically **LEGIBLE**
AT 10 metres



Operating Temperature: . . . - 40°C a + 70°C
 Operating Frequency : . . . 860 –960 MHz
 Protocol : UHF – EPC Class 1 GEN 2 Compliant
 Total memory : 512 bit
 Tag Functions: read/write
 Legibility Distance: 15m max (ideal)

UHF READERS

Reader/writer with integrated mid-range / long-range antenna with high settings for distance legibility. Reader partner for UHF tags and invaluable for use within industry, logistics, production line checks, automation and retail etc.

UHF 860 – 960 MHz
 Protocol UHF - EPC Class1 GEN2
 Anti-collision function
 Multireader tag
 Ethernet Communication 10/100 base T (RJ45) or integrated Wi-Fi IEEE 802.11 b/g

Single integrated antenna, circular patch polarisation. Maximum Indicative Readable Distance up to 3 metres for the Mid-range version and up to 8 metres for the Long-range version with external antenna.

