

RFID anti-theft marking system

- ✓ **Active UHF wireless identification solution**
- ✓ **Designed for users of high value goods**
- ✓ **Detects theft**
- ✓ **Controls access**



Secure your logistics platform's handling equipment



Our **long-range RFID** tags can be placed in handling carts and forklifts so you can **detect, locate, and intercept** any unauthorized removal in real-time.

The technology we use can trigger a variety of alarms, including visual, sound, e-mail, and SMS text, or even lock barriers.

Get real-time notification for any handling equipment leaving your site.

ELA Innovation has created a high-performance RFID identification tag:

- **High detection distance**: over 50 meters
- **Discrete**: detection possible even inside a trailer
- **Autonomous**: direct alarm control and video recording
- **Compatible**: direct connection to GTC, GTA security systems and existing access control systems
- **Fast return on investment**: ROI generally observed in less than 6 months
- Respects **standards**: CE, IETS 300-220

Discrete marking

Handling carts and forklifts can be marked with a simple RFID tag. The tag's small size enables it to be placed discretely inside equipment. The tag is detected at distances up to several dozen meters by one or more antennae set up at the site. The system is not only discrete, but it is highly efficient: the device may be detected inside a moving truck.



Leveraging patented RFID technology

Every tag has its own unique identifier and may be configured to trigger a different action depending on the tagged product:

- ▶ Recording products that are **allowed to exit**
- ▶ Triggering an alarm system in case of **unauthorized exit**

Customers who have chosen ELA Innovation

Today, our anti-theft marking system has been installed by major groups at over 15 logistics platforms: Système U, Carrefour, LIDL with over 1,500 carts equipped electronically.

RFID tag	
Frequency	433 MHz
Reading range (line-of-sight)	60 to 100 meters
Operating temperature	-35° C to + 80° C
Main features	Vibration-resistant tag White ABS casing: 80 x 34 x 28 mm
Battery life	5 to 10 years
Standards	CE, IETS 300-220