



## Corporate Overview



*Person, Vehicle & Object Identification*

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## STID INFORMATION

- ▶ **CORE BUSINESS :** STid designs, produces and distributes RFID equipments dedicated to access control, traceability and logistics fields
  
- ▶ **FOUNDING DATE :** 1996
  
- ▶ **CORPORATE NAME :** STid SA
  
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- ▶ **EMPLOYEES :** 30
  
- ▶ **WEB SITE :** [www.stid.com](http://www.stid.com)

## ▶ A TRADITION OF INNOVATION

Founded in 1996 and established as pioneer in RFID technologies, STid rapidly become a market leader in identification technologies specially thanks to its innovative R&D department and to the quality of its products.

Today, STid is looking for forecasting the needs of tomorrow in order to maintain its technological advance and always offer the most advanced equipments to its partners.

## ▶ A UNIQUE MARKET APPROACH

The independence of STid, as well as, its ability to innovate on all RFID technologies are the two factors allowing to the company to be recognized by the majors industrial players in security and traceability fields.

## ▶ TWO LINES OF BUSINESS, THE SAME APPROACH

> **Products:** STid is designing and producing its equipments following rigours technical specifications and replying to the latest innovations in RFID.

> **Solutions:** More than just a provider, STid is working hand in the hand with its partners, from the design of the products to the customized developments and integrations.

**An international network:** To reply to the demands of the customers worldwide, STid has established a large and strong network of distributors covering more than 35 countries.



### ▶ PEOPLE IDENTIFICATION

For the latest 12 years, STid has been the french market leader in security fields by offering a large range of access control readers, parking and hand-free access control readers. Besides access control, other applications can be stored into the card itself enabling to implement multi-applications schemes: the most common is time management applications.



Hand-free access control

### ▶ Vehicle identification

STid a développé le TeleTag®, une solution brevetée d'identification de véhicules par tag électronique passif (sans pile). Cette solution innovante permet de fluidifier les accès, l'identification à la volée en "free-flow" et la gestion complète de flottes de véhicules. Le TeleTag® permet l'identification d'un véhicule, à distance, en situation statique ou dynamique. Il s'adapte à tout type de véhicule : voiture, camionnettes, poids-lourds... Ses performances sont exceptionnelles : distances de lecture jusqu'à 7m et à grande vitesse (max. 180 km/h).



Vehicle identification

### ▶ OBJECT IDENTIFICATION

#### Object traceability

RFID offers numerous advantages for companies willing to improve their traceability and logistics processes. RFID Technology opens the possibility of an improved and effective traceability: quick, hand off, automatic identification of pallet. Benefits in using RFID are significant than barcode: the tag can stock in the memory of its chip, a data set: kind of product, name of the manufacturer, provider, dates, benchmark etc. Finally some specific packagings have been designed to withstand the harsh environmental conditions (shocks, water, dust...) encountered during the different steps of the supply chain.



Pallet identification

#### Agribusiness

Today, agribusiness standards and norms blind companies to adapt their making to produce and ensure full transparency in their production. RFID supplies both simplicity and security with respect of standards and become an evident resource of competitive advantage.

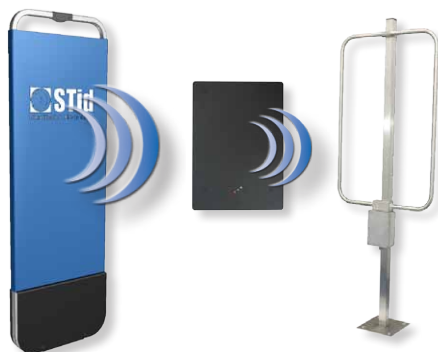
## ► A FULL RANGE OF RFID PRODUCTS

STid has developed a full range of RFID products, dedicated to security, traceability and logistics applications designed to answer customers' expectations:

- > Insure and cover all frequencies used in the RFID market: 125 kHz, 13.56 MHz, UHF
- > Integrate most of the current chips technologies: Mifare®, STMicroelectronics, Electronic Marin, Legic, INSIDE Contactless...
- > Compatibility with existing international standards: ISO 14443A, B, ISO 15693, ISO 18000, EPC, ETSI EN 302-208...

### Readers

Proximity Readers: mainly used in access control applications to read a tag or a card in order to control the access to buildings. Each of them has its own features (optimized size, antivandal casing or keyboard).



Hands free readers: Also integrated in access control systems but offering wider reading distances (up to 1m) allowing an automatic detection of the cardholder (no need to tap the card in front of the reader). Some of the hands free readers are also used in industrial applications for traceability purposes.

Long range readers: this type of product is mainly used either to identify vehicles in motion or in traceability and logistics applications. They can communicate with a tag up to several meters. A typical application aims at detecting all the boxes contained onto a pallet and equipped with a RFID label.



### Labels & Tags



Available under different shapes depending on the type of application. In access control applications: one uses a card or a key-holder containing the chip. For traceability and logistics applications, some specific electronic labels have been designed to withstand the harsh and industrial conditions (dust, extrem temperatures, water...).

Data contained into the chip can be read and also modified as much required.



## HOW DOES RFID WORK ?

### ► HOW DOES RFID TECHNOLOGY WORK?



### ► RFID advantages vs bar cod technology in traceability applications

RFID advantages vs bar code	Client's benefit
Reading capability without line of sight Reading through metal, cardboard...	RFID label automatic detection Cost & processes optimization Decreased errors due to human handling
Memory capacity for data storage (several Kbits): from simple serial number to complete information panel	Embedded database onto the product itself Availability of data at any moment of the life cycle Complete tracking all along the life cycle
Read/write capability of the data	Possibility to modify the data stored onto the label at any moment (ex: management of return of product)
Industrial packaging	Resistance to industrial environments: shocks, dust, water, anti-tearing... offering a higher reliability.

# STid

Electronic Identification



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- Revendeur STid



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