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## Training: introduction to RFID Technologies, requirements & applications

### Boost your RFID expertise

#### STid supports your development and helps you easily integrate RFID technology!

With our training program, you will gain an in-depth understanding of RFID technologies and will be able to update your existing applications in order to enjoy the latest features and get the most out of your equipment. Learn new, cutting edge skills to help you integrate, install and sell your RFID technologies and equipments. Our goal is to offer STid expertise to support your organization, providing both technical and commercial knowledge that is specific to your field. We bring added-value to your RFID retail, integration or distribution activities.

This module focuses on common uses of RFID technology in the automatic identification of objects, products, logistics packages or other items handled. Find out about the various RFID technologies, standards, players and the benefits of RFID right along the value chain. Concrete examples and case studies taken from major French and international companies illustrate our approach to teaching.

#### ▶ Customer Benefits

- Understand opportunities and issues surrounding the use of RFID in business processes
- Understand the challenges: perspectives and markets
- Master the key elements for implementing a strategic project that uses RFID technology

#### ▶ Teaching methods

You will receive both theoretical and practical training, led by a professional instructor specializing in radiofrequency electronic systems. Written materials are provided during training.

#### ▶ Target audience

Innovation and Strategic Investment Programme Managers, Supply Chain, Project Managers, Product Managers, Sales Managers, Operations and IT System Managers.

#### ▶ Prerequisites

None

#### ▶ Handouts

- Paper materials
- Training certificate

#### More than a RFID manufacturer...

Reinforce your skills, update your knowledge about the various RFID technologies, distance yourself from your competition by getting innovative know-how: these are STid's goals and it aims to achieve them by offering RFID trainings closely corresponding to the needs of your professions.

STid provides a wide range of training services to its international client-base through an excellent team of trainers who bring knowledge and expertise to your company. We offer custom-made trainings for your sales and technical services. STid is a training organization declared under the activity number 93 13 13328 13.

### Strengths of the training:

- **Method and tools:** participants receive handouts specific to each RFID module.
- **Case studies based on real-life situations:** adapted from situations encountered in all kinds of organizations.
- **Intensive and comprehensive modules:** covering all fields indispensable to the application of RFID technology.

## Schedule

### Morning: 9H00 to 12H30

<b>Introduction to current RFID technology</b>	<ul style="list-style-type: none"> <li>• History, terminology</li> <li>• Radiofrequency classification</li> <li>• Physical principles, OSI model</li> </ul>
<b>RFID standards</b>	<ul style="list-style-type: none"> <li>• Standardization</li> <li>• Radiofrequency regulations</li> <li>• « Human Exposure »</li> </ul>
<b>RFID technologies</b>	<ul style="list-style-type: none"> <li>• 125 kHz technology</li> <li>• 13.56 MHz technology</li> <li>• UHF technology (principles, chips, transponders, base-stations, air interface, protocols, physical features)</li> </ul>

### Afternoon: 14H00 to 17H30

<b>RFID solutions</b>	<ul style="list-style-type: none"> <li>• RFID &amp; industries</li> <li>• Value chain - Market players</li> <li>• RFID products</li> <li>• Demonstrations &amp; case studies 125 kHz base station &amp; EM4150 transponders 13.56 MHz base station &amp; MIFARE® Classic transponders UHF base station &amp; Monza X transponders</li> </ul>
<b>RFID project management</b>	<ul style="list-style-type: none"> <li>• Methodology</li> <li>• Information systems &amp; data processing</li> </ul>
<b>Typical applications</b>	<ul style="list-style-type: none"> <li>• Access control</li> <li>• Industrial maintenance</li> <li>• NFC</li> </ul>
<b>Part Number</b>	FORMATION_CAT2_N1



Choose the training site of your team: at our headquarters (13, Gréasque, France) or directly on your site.



### Funded training organization

- Activity number: 93 13 13328 13



\*For inter-company training at our Gréasque site. For any inter-company training requests and/or training at your site, please contact us for a quote.

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### Headquarters

20 Parc d'activités des Pradeaux  
13850 Gréasque, FRANCE  
☎ +33 (0)4 42 12 60 60  
✉ +33 (0)4 42 12 60 61  
✉ info@stid.com

### Paris IDF Agency

Immeuble Le Fahrenheit  
28, rue de la Redoute  
92260 Fontenay-aux-Roses, FRANCE  
☎ +33 (0)1 43 50 11 43  
✉ +33 (0)1 43 50 27 37  
✉ info@stid.com

### STid UK

Innovation centre  
Gallows Hill, Warwick  
CV34 6UW, United Kingdom  
☎ +44 (0) 1926 217 884  
✉ +44 (0) 1926 217 701  
✉ info@stid.com

### STid America

Varsovia 57, Interior 501, Colonia Juárez  
CP 06600, Delegación Cuauhtémoc  
México D.F.  
☎ +52 (55) 52 56 47 06  
✉ +52 (55) 52 56 47 07  
✉ info@stid-america.com