STid Academy
Partner Support Training

STid
Electronic Identification

TRAINING: RFID & UHF TECHNOLOGIES
INDUSTRIAL TRACKING APPLICATIONS & REQUIREMENTS

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 developing UHF technologies in the automatic identification of objects, products, logistics packages or other items handled, in line with the EPC1 GEN2 / ISO18000-6C standards. You will learn all about UHF technologies, which will help you to meet the requirements for your specifications in harsh environments: reading distances, reading speed, etc. You will know the main applications thanks to industrial identification and tracking practical trainings.

CUSTOMER BENEFITS

- Discover the ins and outs of UHF technology: properties, applications, specific features.
- Gain complete technical skills which will let you develop industrial tracking applications using UHF RFID technology.
- Master the key elements for implementing a strategic project that uses UHF technology.

TEACHING METHODS

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

TARGET AUDIENCE

Innovation and Strategic Investment Programme Managers, Supply Chain, Project Managers, Product Managers, Sales Managers, Engineers and Technical Managers.

PREREQUISITES

Advising, integrating, installing or using RFID solutions.

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: 9H to 12H30	
Introduction to UHF RFID technology	Principles & standards
Chip characteristics	Essential criteria, analysis and interpretation
Characteristics of antennas and base stations	Essential criteria, block diagram, analysis and interpretation
Characterization of an identification application in an industrial context Project approach	Technical performance and advantages of various standards / Benefits and limitations Pre-analysis, configuration, key technical notions
Afternoon: 14H to 17H30 - Introduction to software tools & processing optimization	
SSCP Module and interfaces	Introduction, protocol structure Details of each command
Case study and critical analysis	Concrete examples of RFID implementation and deployment
Characterization of an identification application in an industrial context Project approach	Issues related to IT systems and RFID data processing
Part number	FORMATION_CAT2_N5

CHOOSE THE TRAINING SITE OF YOUR TEAM:

At our headquarters (13, Gréasque, France) or directly on your site*.

FUNDED TRAINING ORGANIZATION

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