Course : Setting up an RFID project to boost productivity

Practical course - 2d - 14h00 - Ref. RFI
Price : 1340 € E.T.

★★★★☆ **4,6 / 5**

This training course will enable you to acquire the knowledge and techniques specific to RFID. This will enable you to achieve greater process reliability and productivity, and improve your company's organization and relations with internal and external customers.

🎯 Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Managing an RFID project
- ✓ Reliable traceability and logistics operations
- ✓ Leveraging the benefits of RFID
- ✓ Positioning the role and interests of each player in the RFID system implementation process
- ✓ Understanding RFID technology

Intended audience

Methods, production, logistics and operations managers. Any department manager concerned with improving and optimizing their activity.

Prerequisites

No special knowledge required.

Practical details

Exercise
Theory alternates with concrete examples drawn from the trainer's field experience. Participants design the basics of their RFID system.

Course schedule

1 Traceability and RFID applications

- Understand the general principles of traceability and its limits.
- Know RFID definitions and principles.
- Discover the technologies behind RFID systems.
- Study the design of labels and their different types.
- Distinguish between different reading modes.

Storyboarding workshops
Description of participants' activities and the tracking and tracing method used.

2 RFID implementation

- Understand the concept of process as defined by ISO 9001.
- Introducing RFID into process management.
- Distinguish between the different fields of application of RFID.
- Introducing RFID to traceability management.

Hands-on work
Reflecting on what RFID can bring to participants in terms of their activities.

3 Security and RFID

- A reminder of symmetrical and asymmetrical cryptography.
- Authentication protocols.
- RFID and privacy.
- Securing an RFID link.

4 How to introduce an RFID project

- Design your RFID sales pitch.
- Be aware of obstacles and difficulties.
- Consider changes to workstations when RFID is introduced.
- Plan to modify the business' IT management system.
- Bringing together several companies around the RFID project.

Case study
Each participant anticipates the implementation of RFID on a workstation in his or her activity.

5 RFID project management

- Setting up project phases: the AFNOR reference framework.
- Apply opportunity and feasibility studies to RFID.
- Prepare the elements for analyzing the value of the RFID system.
- Draw up functional specifications. Subcontract the technical study.

Case study
Establish the requirements of a functional specification.

(6) RFID environment, project formulation

- Get to know RFID manufacturers and integrators.
- Turn existing standards into a working tool.
- Manage legal aspects.
- Integrate the role of consultants.
- Formulate your RFID project.

Case study
Formulating your RFID project, the basics of specifications.