

RFID Middleware

RFID CoE – Training Center

Description

The course **RFID Middleware**, promoted by the RFID Center of Excellence, has arisen from the need to offer a thorough vision of the RFID Middleware concepts, specifically to professionals requiring the understanding of which **architecture, standards, and platforms** are appropriate to the development of RFID applications. By the end of the course the professionals will be able to compare functionalities of different suppliers of middleware solutions; both from open and paid-for source, and will be able to decide which tools are more appropriate to their processes and the reality of their companies.

Purposes

- To discuss the requirements a RFID middleware should have to meet the needs of applications, TAG limitations, and communication channels, among others.
- To compare functionalities of different suppliers of middleware solutions, whether paid-of or open source.
- To understand the architecture, strengths, and weakness of different designs and implementations of middleware.
- To discuss the hardware compatibility and integration with corporate applications.
- To discuss requirements, challenges, and features a middleware should have to meet the needs of RFID applications in a supply chain.

Target Audience

Targeted at engineers, system analysts, and technical professionals involved in processes related to the development, deployment, and operation of RFID in companies, with specific needs of knowledge of RFID middleware functionalities, as well as other professionals interested in the area.

Topics Covered

To strengthen the concepts presented, the program includes the following topics to be presented by means of theory classes and hand—on exercises:

- RFID Introduction
- Middleware Platforms
- Middleware for RFID
- RFID Middleware Standards – EPCglobal
- RFID Middleware Implementations
- Hands on Labs – RFID Middleware
- Middleware for the Supply Chain

Methodology

With duration of 16 hours, **RFID Middleware** ensures the perfect balance between theory and practice. In addition to theory classes, it also has practice sessions involving the development of an application using RFID middleware open-source implementations, covering the following activities:

- Installing, configuring, and deploying middleware
- Describing the development environment
- Demonstrating the prototype
- Implementing a prototype

Why to join

- To be able to discuss requirements, challenges, and features a middleware should have to meet the needs of RFID applications in a supply chain.
- To gather new information suited to enable the participant to understand this new technology and its applicability;
- To know the tools and solutions available in the RFID area;
- To qualify to act in this new fast-growing environment;
- To transform the knowledge acquired into competitive edge to your company.

Location

Course offered exclusively in RFID CoE (Sorocaba/SP). A customized version can be offered on site.

- RFID CoE is the only lab in Brazil certified by EPCglobal, a regulating agency of international standards to adopt and develop the RFID technology worldwide;
- RFID CoE is the only center in Brazil focused exclusively on the study of the RFID technology, being able to share the most recent global initiatives related to the RFID technology.

Information and registration

Information and registration can be obtained by e-mail hp.rfid@hp.com or through the site www.rfid-coe.com.br.

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