

[AspireRfid Services](#)

Services (Training / Consulting)

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Introductory course to ASPIRE and RFID

This is a course intended to offer an introduction to the concepts around RFID and guide the reader through the ASPIRE and AspireRFID middleware architecture. You can start by taking a look at the course outline and proceed by studying the lectures.

- Course Outline (pdf)
 1. Introduction to RFID Technology (pdf)
 2. Introduction to RFID Middleware (pdf)
 3. Introduction to EPC & EPC Architecture (pdf)
 4. EPC Middleware Standards (pdf)
 5. ASPIRE and AspireRfid (pdf)
 6. ASPIRE Architecture and Middleware (pdf)
 7. ASPIRE Tools and IDE (pdf)
 8. ASPIRE Pilots (pdf)
- Additional reading material (pdf)

Other Training

ASPIRE Trainings typically consist of three complementary sections:

General Training on RFID Technology and Middleware, including EPC (Tutorials)

- Introduction to RFID and AutoID Technologies (pdf)
- Understanding RFID Technologies (pdf)
- Introduction to RFID Middleware (pdf)
- Introduction to the IoT (Internet of Things) (pdf)
- EPC Essentials (pdf)
- EPC Network Architecture (pdf)
- Overview of RFID Middleware Toolkits and the ASPIRE Project (pdf)
- Comparison of OSS RFID and Introduction to ASPIRE Developments (pdf)

Training on OW2 tools and techniques

- Maven Presentation (pdf)
- Configure Eclipse to work with GForge (pdf)

Training on AspireRfid developments and middleware

Under Construction University courses

Aspire Wiki - ObjectWeb - Services

The Aspire project is used in the teaching units to teach machine-2-machine technologies (RFID, sensors, ...).

- Teaching Unit "Machine 2 Machine Project (6 ECTS), Master 2nd year in Information Technologies, professional track, Université Joseph Fourier (Grenoble 1), France (*UE PM2M: Projet de Service Machine a Machine (6 ECTS), Master 2 Professionel Genie Informatique, Université Joseph Fourier (Grenoble 1), France*)
 - <http://membres-liglab.imag.fr/donsez/ujf/m2pgi/pm2m/>
 - <http://membres-liglab.imag.fr/donsez/ujf/m2pgi/pm2m/projetm2m-0809-partie1.pdf>
 - <http://membres-liglab.imag.fr/donsez/ujf/m2pgi/pm2m/projetm2m-0809-partie2.pdf>

Professional Services

AspireRfid main Developers and Contributors (UJF and AIT) are available to provide a range of consulting, integration and training services including:

- Business Case Establishment
- Cost and Financial Analysis (Return-on-Investment (ROI), Internal Rate of Return (IRR) and more)
- Site Investigation
- Solution Design (based on AspireRfid middleware)
- Solution Implementation (based on AspireRfid middleware)
- Solution Integration (based on AspireRfid middleware)
- Training on AspireRfid Middleware and Tools
- Technical Support of AspireRfid Middleware and Tools
- Customization of AspireRfid Middleware and Tools

Under Construction

[AspireRfid Services](#) (en)

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