

[ASPIRE RFID Project](#)

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Executive Summary

The AspireRFID project aims at developing and promoting an open-source, lightweight, standards-compliant, scalable, privacy-friendly, and integrated middleware along with several tools to ease the development, the deployment and the management of RFID-based applications and sensor-based applications. It implements several specifications from consortiums such as EPC Global, NFC Forum, JCP and OSGi Alliance.

AspireRFID provides also a set of tools enabling RFID consultants to deploy RFID solutions without a need for tedious low-level programming. AspireRFID allows the specification of RFID enabled processes. Accordingly, the tools generate all the RFID artifacts required to deploy these solutions over the AspireRfid middleware.

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Keywords: RFID, NFC, Sensor, EPCGlobal, NFC Forum, M2M, IoT (Internet of Things), FOSS (Free Open Source Software).

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For technical information, please contact the developer mailing list (A@ow2.org where A=aspirefid-dev).

Links

- The AspireRFID Forge <http://forge.ow2.org/projects/aspire>
- The FP7 ASPIRE Project <http://www.fp7-aspire.eu>

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