

Connecting the Internet of Things with People.



Overview

The Rifidi Box is your appliance for RFID and Sensor deployments. The mini desktop comes with the Rifidi Edge Server preinstalled. Just plug in your reader and connect it to your backend system, the cloud or social media. RFID deployments made easy.

Reference Implementations

- Asset tracking solution in aviation industry.
- Tool crib solution for tracking high value production tools.
- Access control for retail stores.
- Work in progress solution for manufacturing plant.



RIFIDI BOX
PREBUILT RFID
INFRASTRUCTURE

Benefits:

- Lower cost and lower TCO.
- Just plug in your readers.
- Accelerate RFID application development and integration.
- High performance device with lower power needs.
- Enabling RFID and Sensor solutions in Retail, Manufacturing, Supply Chain, Health Care, Aerospace and Government.

Features:

- Fully functional Rifidi Edge Server is included and preinstalled on box.
- Lightweight, high performance platform based on OSGI and Java.
- Reader Plug-Ins and API for additional extensions.
- Integration of Cloud Computing and Social Media (Facebook, Twitter).
- RFID customization of high performance CEP Engine (Esper).
- Easy integration using Databases, Web Services, RMI or JMS.
- Benchmarked with 15 readers for up to 1000 tags per sec.

Hardware:

- Fanless embedded System with Intel Atom Processor 1.6 GHz.
- 2 GB RAM, 250 GB 2,5* HDD.
- 62W AC/DC adapter.
- Rugged aluminum housing.
- Only 200 x 120 x 56 mm in size.

Supported Readers and Sensors:

Alien 8800, Alien 9800, AWID 2010, AWID 3014, Impinj Speedway, Motorola MC9090, Thing Magic Mercury 4, Thinkify TR-50/200 and all LLRP compliant readers.

For more information, please visit wiki.rifidi.net or forums.rifidi.net.



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