



What is Rifidi?

- Rifidi is a complete RFID Application Platform
 - Leading set of Prototype and Testing Tools
 - Open Source RFID Middleware Platform
 - ALE and Workflow development tools
 - Based on Eclipse and OSGI w/ Lightweight Emphasis
 - Open Source Ideals – Business Ready Purpose
- Rifidi is an open source RFID community
 - Numerous Contributors – UofA, PennState, IBM, FossTrak
 - Corporate and University Usage – PennState, IBM, HP
 - Over 20,000 downloads strong, Active Forums
 - Developer Contributions to LLRP-TK and other RFID toolkits

Product Suite

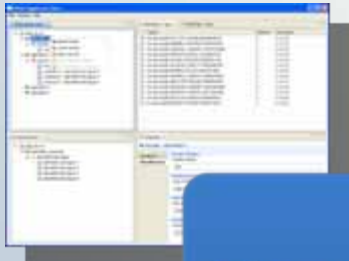


Prototyping

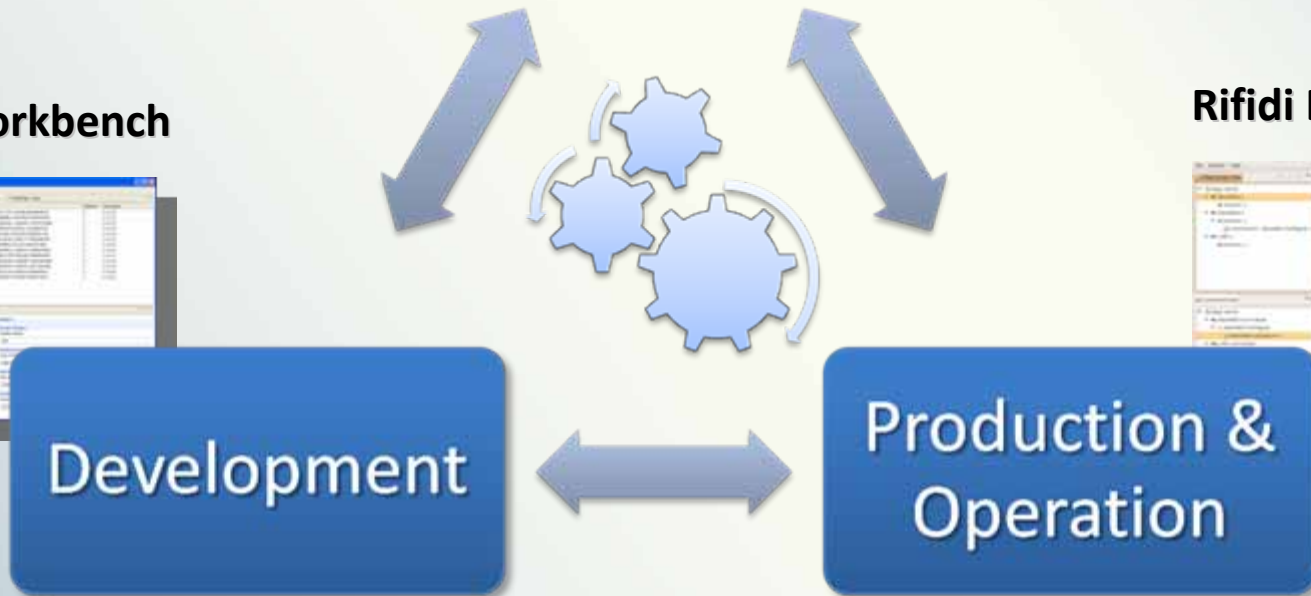
Rifidi Toolkit
Rifidi Designer
Rifidi Emulator
Rifidi Tagstreamer

This section features three screenshots of software interfaces on the left, a central blue rounded rectangle with the word 'Prototyping' in white, and a list of tools under the heading 'Rifidi Toolkit' on the right.

Rifidi Workbench



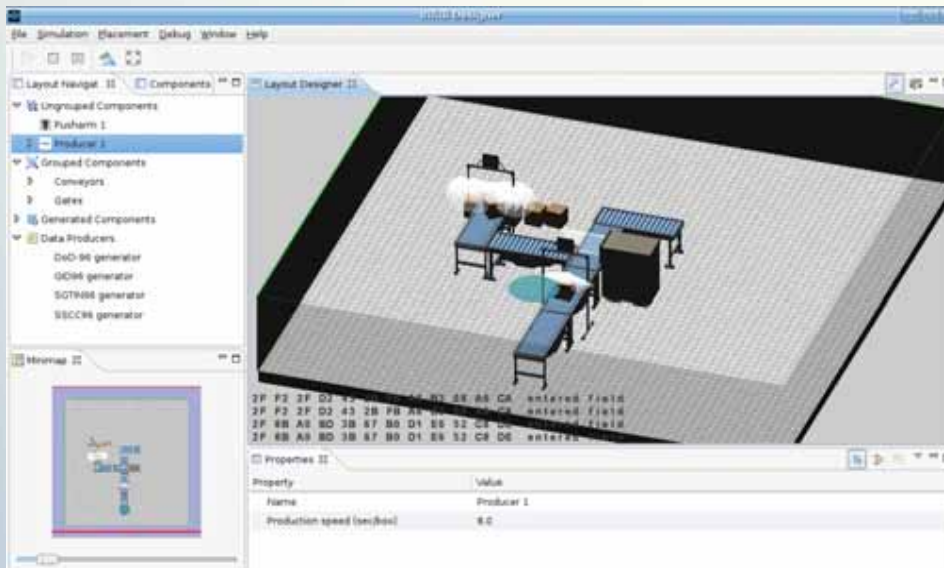
Rifidi EdgeServer



Rifidi Toolkit

“Software Defined RFID”

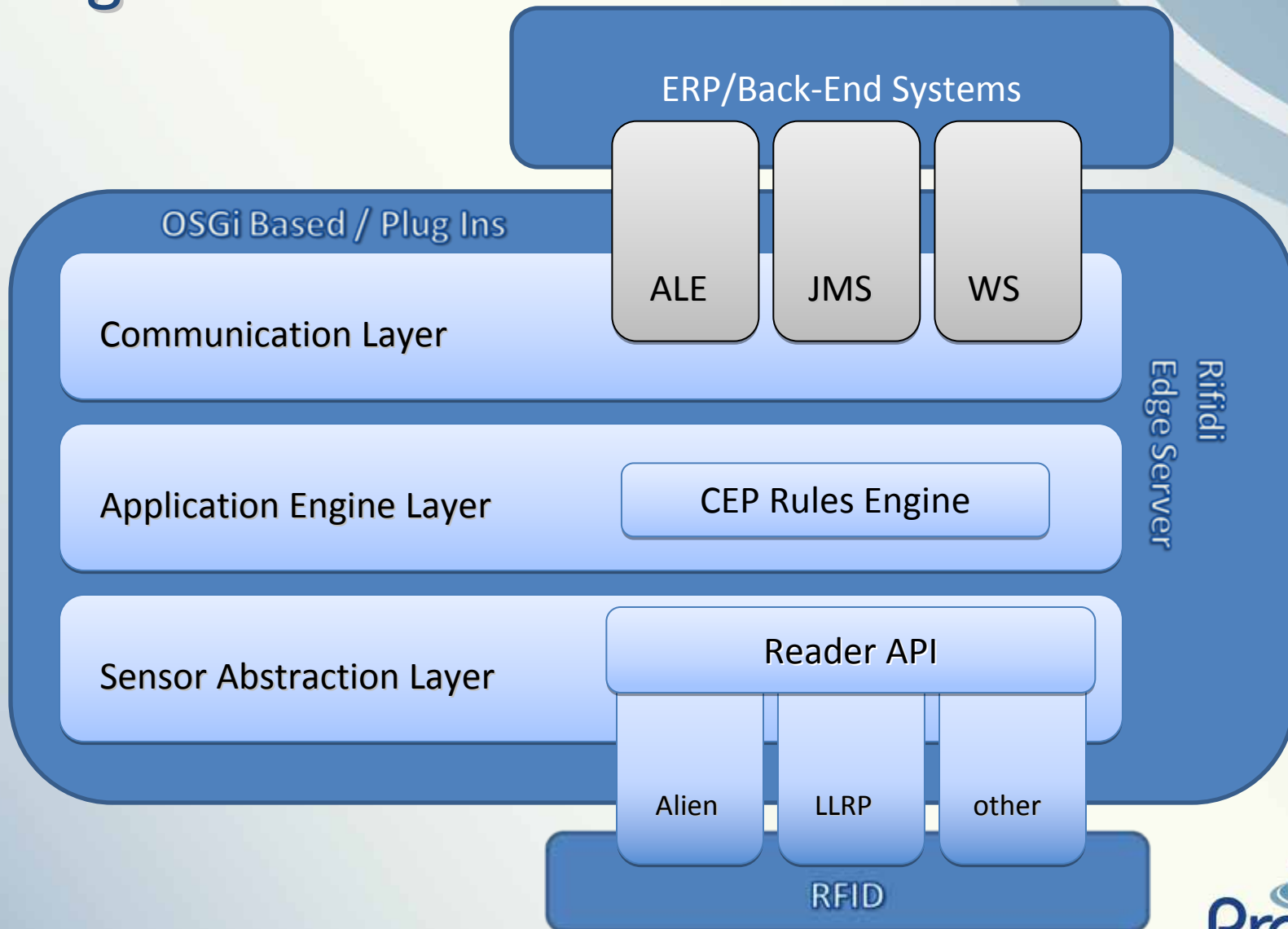
- The premier Prototyping Suite in RFID today
 - Designer – Create Visual Workflows to simulate RFID Processes
 - Emulator – Develop and Test with Software Defined Readers
 - Tag Streamer – Load Test and simulate large RFID data streams



Rifidi Edge Server

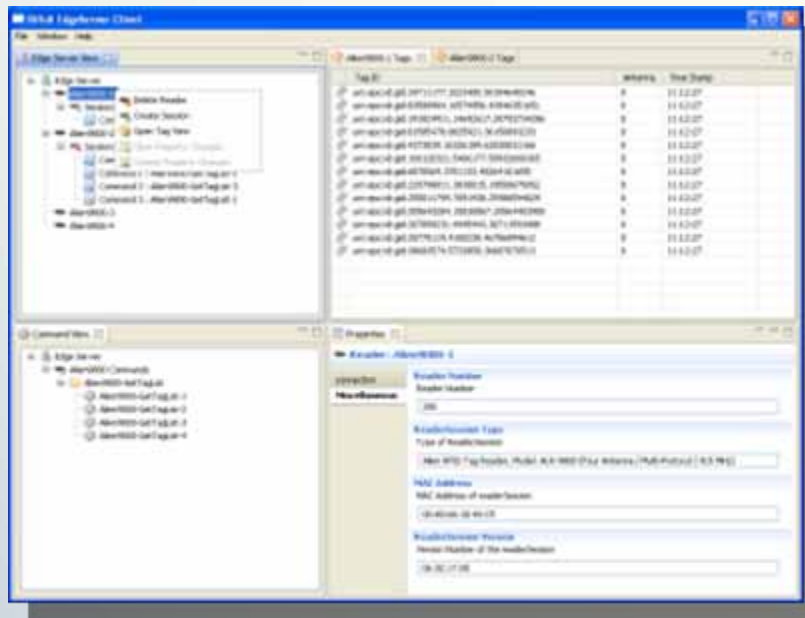
- Cutting edge RFID Middleware Platform
 - Lightweight, High Performance Platform based on OSGI and Java
 - Built with module update and hot deploy features
 - RFID customization of high performance CEP/ESP Engine (Esper)
 - Standards compliant ALE Engine built on top of Esper and FossTrak TDT
 - Combine ALE and CEP modules to create dynamic RFID applications
- Supported by Development & Monitoring Tools (Future)
 - Close integration to our Prototyping Suite
 - Eclipse Based tools to develop RFID Workflows
 - Eclipse and Web Based Monitoring tools for Production Operations
 - Sophisticated Alerts and Alerts definition toolkit

Edge Architecture



Rifidi Workbench

- Development Platform for ALE and RFID
 - Eclipse Based UI Centric Development
 - Graphical Support for Building ALE
 - Build Sensor Plug-ins and customize RFID data collection
 - Workflow tools for custom RFID application
 - Future support for other ALE Engines



Conclusion



Open Source – Business Ready



Go beyond ALE – Middleware Platform



Product Agnostic Development



Ease of Use and Low Barrier to Entry



Come visit booth 1322 for more information