

Microsoft RFID Platform

Microsoft® BizTalk® RFID is an innovative device management and event processing platform at the edge of the enterprise. It is designed to provide a scalable, extensible platform for development, deployment, and management of RFID and sensor solutions. Microsoft BizTalk RFID is the only RFID application platform that spans from servers to personal computers at the edge of enterprise to mobile devices.

BizTalk Server RFID

Scalable RFID Platform

BizTalk Server RFID enables you and your company to more effectively and quickly build and deploy RFID solutions **through:**

- Clear separation between design and deployment activities
- Agile process architecture with plug-in components for rules and workflow at the edge
- Rich managed API's & tools for process lifecycle
- Extensible event handling infrastructure with hooks to support standards
- Native integration with BizTalk Server for end to end EAI/B2B/BPM solutions

Comprehensive Device Management

You now have **comprehensive device management** and solution deployment that spans mobile and fixed readers. With BizTalk Server RFID management capabilities you can manage multiple providers and devices end emulate devices. In addition, you are able to **monitor and troubleshoot deployments using System Center Operations Manager**.

Capture Business Relevant Data

Create, deploy and change business rules and event filtering to expose business relevant data and take the appropriate action based on incoming events. Through BizTalk's Business Activity Monitoring (BAM) you can obtain end to end process visibility and analytics of RFID event flow during business process execution.

RFID Enable Applications and Processes

Because RFID capabilities have been included in BizTalk Server, **RFID data that you capture can be integrated with line-of-business (LOB) applications** through BizTalk's adapters. Business processes can be kicked off and enhanced by RFID events. Items can be tracked on the manufacturing floor with RFID. When those items leave the floor an **advance ship notice** can be kicked off by BizTalk **through BizTalk's EDI capability**. Integration is also possible with Microsoft Dynamics™.

Support for Industry Standards

BizTalk Server RFID provides support for EPC Global standards like Tag Data Translator (TDT) and Low Level Reader Protocol.

BizTalk RFID Mobile



Microsoft BizTalk RFID Mobile is an extension of the Microsoft BizTalk Server RFID platform to mobile devices. BizTalk RFID Mobile is an extensible platform for development, deployment and management of RFID, barcode and other sensor applications on mobile devices.

Faster Time to Market

Write applications once on Windows Mobile and Windows CE and run on multiple devices. By developing RFID applications on BizTalk's RFID platform there is now a **consistent application development experience** across fixed and mobile readers. You will most likely want to integrate your data with existing business processes.

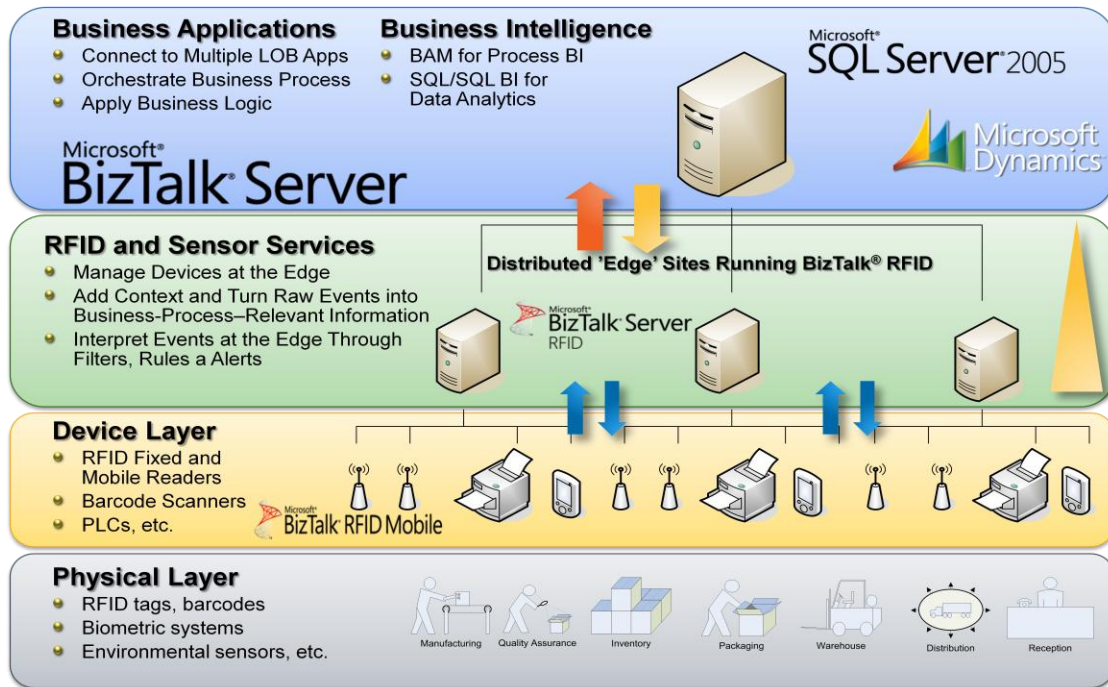
Empower Workers to Do More

With BizTalk RFID Mobile in the palm of their hands mobile workers will have **access to information** when and where they need it so that they can make decisions in real-time. Even if they don't have network access, mobile workers will be able to **perform critical operations and forward data to the server once there is a connection**.

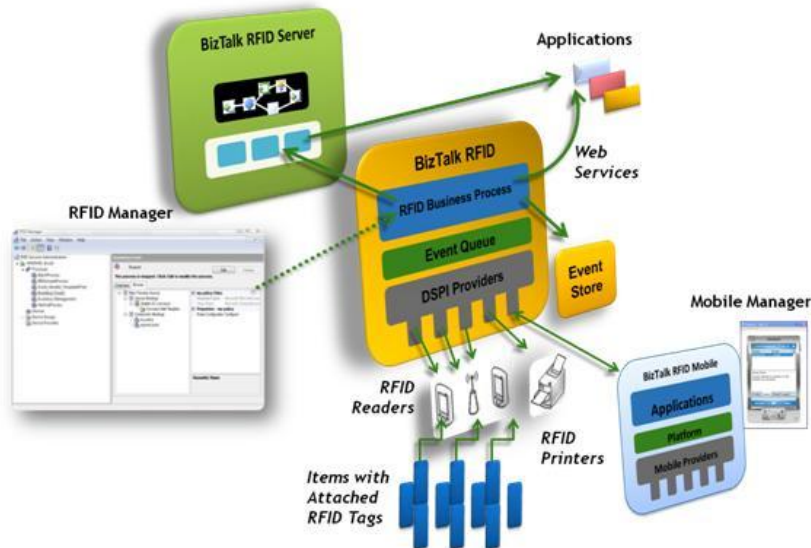
Enhanced Business Intelligence

New scenarios are now possible. You will now be able to **capture more business relevant data** and integrate that data with existing processes through BizTalk Server or replicate data to a SQL Server database. Bridge the gap between your core enterprise processes and your physical operations and assets.

BizTalk RFID Logical Overview



BizTalk RFID Runtime Architecture



For more information about Microsoft RFID Platform, visit <http://www.microsoft.com/rfid>. For the latest developer news and more information on Microsoft's broad range of resources for developers, including support programs, events, training, and the MSDN Library Online, visit MSDN Online at <http://msdn.microsoft.com/>.

This data sheet is for informational purposes only. MICROSOFT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS SUMMARY.

The example companies, organizations, products, domain names, e-mail addresses, logos, people, places, and events depicted herein are fictitious. No association with any real company, organization, product, domain name, e-mail address, logo, person, place, or event is intended or should be inferred. (Use this only if fictitious content appears.)

0308 Part No. 098-00000 (color)
Part No. 098-00000 (black and white)