Oracle® and Intermec Technologies: Providing the Technical Backbone and Hardware for RFID System Success

Oracle and Intermec have joined forces in a commitment to significantly reduce the risks and costs associated with adopting RFID technology. Oracle's comprehensive solution, including the Oracle Database 10g, Oracle Application Server 10g and components of the Oracle E-Business Suite, have been designed for total compatibility with Intermec Intellitag® RFID tags and readers. The combined solution not only eliminates the need for costly middleware, but also delivers increased functionality for the development of unique applications.

Capturing Information: Intermec RFID readers capture information at the “edge” of the enterprise and connect with Oracle Application Server 10g to begin the management and storage of the data.

Managing Information: The explosion of data and events generated by an RFID enabled system is managed by the Oracle Database 10g, a single data source that is scalable, reliable and secure on a common, flexible infrastructure that integrates with existing data, applications and business processes.

Accessing Information: Oracle offers a solution that consolidates access to information and enterprise applications and includes collaboration capabilities - all in a single environment. This unified workplace provides up-to-the-minute business intelligence in a single place, as well as a seamless experience for accessing information and applications from a variety of Intermec RFID readers, including portable, vehicle mounted and fixed.

Analyzing Information: Oracle provides a complete and cost-effective solution for Operational and Business Intelligence. Embedded features enable analysis of data and events in real-time. Data mining capabilities also include advanced features relevent to RFID such as statistical, trend and locational modelling.

Responding to Information: Event-driven tools for Business Process management and Business Activity Monitoring, through Oracle Application Server 10g, will help track and analyze business flows through the entire system.

By combining Oracle's more than 25 years of data management experience with Intermec's industry-leading RFID technology expertise and leadership, your RFID system can deliver on its promise of being a sustainable competitive advantage, delivering greater visibility into your supply chain, more accurate asset tracking, increased efficiencies, reductions in human error and fraud, and the capability to make better decisions based on real-time information.
Oracle is able to address both the middleware and applications aspects of RFID support. This middleware will act as a bridge between the Intermec RFID reader hardware and any application, and will provide the required connection control and filtering capabilities. In addition, the solution will provide mechanisms to cross-reference tag IDs to their associated business objects, and to associate the read events to their corresponding business events.

Because RFID technology is still a developing market, where all of the standards have yet to be defined and ratified, it makes sense to protect your initial investments by choosing technology partners that offer solutions that not only conform to existing standards, but also have the flexibility to easily adapt to emerging standards. Both Intermec and Oracle are committed to open standards as well as delivering hardware and software solutions designed with the future in mind.

Intermec Technologies Corporation
Corporate Headquarters
6001 36th Avenue West
Everett, WA 98203
tel: 800-348-2600
www.intermec.com

Oracle Corporation
Corporate Headquarters
500 Oracle Parkway
Redwood Shores, CA 94065
tel: 800-ORACLE1
www.oracle.com

Copyright © 2003 Intermec Technologies Corporation. All rights reserved. Intermec is a registered trademark of Intermec Technologies Corporation. * Bluetooth is a trademark owned by Bluetooth SIG, Inc., USA. Bluetooth® compatibility provided by Socket Communications. Microsoft® is a registered trademark of Microsoft Corporation in the United States and/or other countries.