



## GEMINI FOR SAP®

### **Streamlining the Collection of Shipping, Manufacturing and Warehouse Data**

Even the most sophisticated manufacturing and distribution environments ultimately depend on the accuracy and efficiency of their data capture activities. Experience shows that the more a process depends on the manual entry of item and shipping data, the greater the likelihood for errors that can lead to manufacturing delays, lost shipments and reduced supply chain visibility.

Without automated data capture technology, warehouse and manufacturing personnel can spend an inordinate amount of time navigating an enterprise resource planning (ERP) system to enter and update critical information and complete transactions. The time lost to this administrative chore not only takes workers away from their primary responsibilities, it limits the reliability of the ERP system as the organization's system of record. Yet solutions featuring proprietary databases only compound the problem by introducing a new "silo" of inventory and shipment information that has to be reconciled with the ERP record.

### **Gemini for SAP**

Gemini for SAP®, from TAKE Supply Chain, allows manufacturing and distribution personnel to perform complex transactions and data entry using wireless handheld barcode scanners directly on the shop floor, the shipping dock and in the warehouse. Because the solution reads and updates SAP data in real time, companies can realize significant improvements in receiving, inventory, manufacturing and shipping processes that rely on real-time visibility into materials and shipments. In addition to a robust application, customers also benefit from TAKE Supply Chain's deep ERP experience.

### **Accuracy, Control, Efficiency**

Through a user interface optimized for radio-frequency (RF) mobile devices, Gemini for SAP "takes the worker to the work" and frees operational personnel to complete ERP transactions without accessing a standard SAP interface and keyboard. Real-time error correction and data validation ensure the accuracy of information from the outset.

Gemini for SAP functions as an extension of an existing SAP implementation, without the added cost of custom ABAP. In contrast to solutions that require extensive middleware to reconcile collected data with ERP application data, Gemini for SAP uses the SAP data model for a consistent, up-to-the-minute view of warehouse and shop floor information. The solution also integrates with warehouse and manufacturing equipment such as carousels, scales and conveyors to automate manufacturing and fulfillment processes and improve visibility of inbound and outbound products and materials.

*Improve the accuracy of  
inventory, manufacturing and  
shipping data*

*Free operational personnel  
from time-consuming data  
entry tasks*

*Establish a more reliable  
system of record built on  
an existing SAP database*

*Eliminate the need for costly  
middleware and integration*

## Feature

**Improve real-time visibility of inbound and outbound shipments**

## Benefit

Eliminates shipping and receiving errors by automating data collection and streamlines the transfer of information to SAP applications.

**Increase transaction volumes**

Accelerates transaction processing times by eliminating time-consuming data entry tasks on the shop floor and in the warehouse.

**Reduce training costs**

Provides operational personnel with a streamlined interface tailored to handheld RFID and barcode reading devices, replacing the need to navigate complex SAP transactions.

**Enforce enterprise-wide compliance with labeling policies**

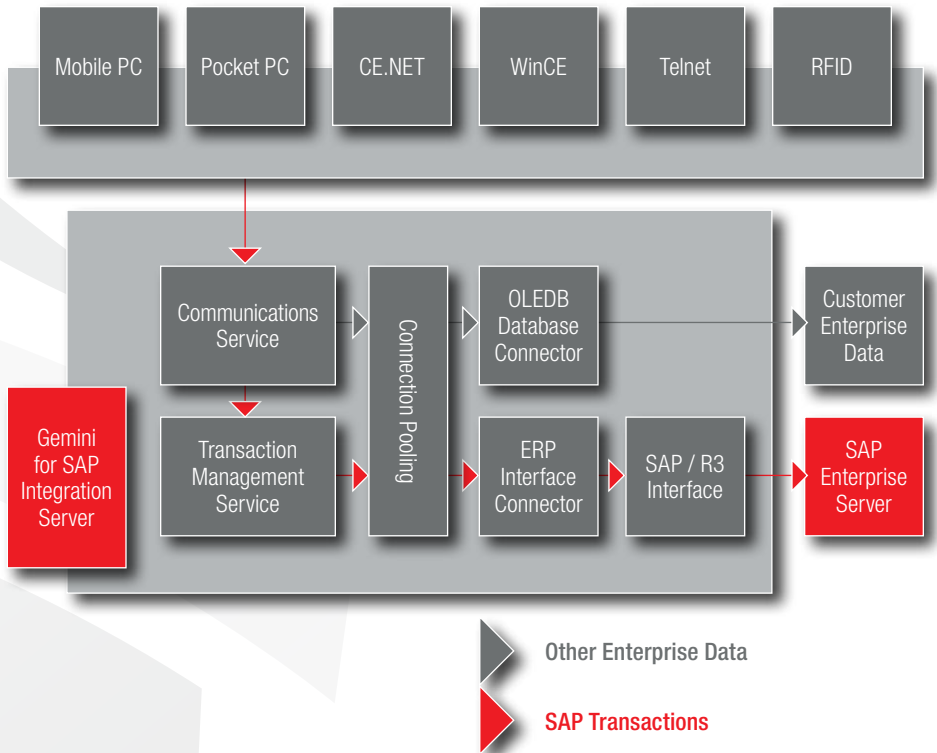
Integrates with TAKE Supply Chain's label printing capabilities to ensure adherence with industry-mandated labeling requirements.

**Consolidate competing sources of product and material data**

Creates a consistent view of product and material information by eliminating the need to reconcile multiple data sources.

**Optimize control of key supply chain processes**

Encourages more efficient shared processes with supply chain partners by maintaining a more accurate record of shipping and receiving activity.



### TAKE Supply Chain's Proven Experience

Since 1994, TAKE Supply Chain has assisted more than 320 clients in automating and controlling process execution within their extended supply networks. TAKE Supply Chain extends corporate policies and procedures through the corporation and its supply chain using industry best practices for distribution and fulfillment, supplier relationship management, trading partner integration and reverse logistics, mobile data collection and barcode label management that complement the existing ERP infrastructure.



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