



Synchronized Supply and Demand



Enterprise Mobility Experts

Gemini mobile data collection integrated with Oracle® E-Business Suite R12

Use mobile data collection to optimize material transaction workflows

Integrate with and extend MSCA and WMS transactions

Improve data accuracy throughout the enterprise

Print compliant labels using if-then conditions in the transaction data

Leverage Oracle profiles, tolerances and administration

Business process optimization with efficient real-time transactions

TAKE Solutions combines expertise in delivering mobile technology with a business process optimization. The transaction flow is configured to minimize data input, such as deriving multiple pieces of transaction data from one barcode scan. Our expert team will help you analyze your data flow and optimize business processes to expedite shipping, receiving, manufacturing, warehouse and quality transactions for your R12 implementation.

Transactions are validated in real-time. When the workers move materials, the logical inventory balances are updated as fast as the workers perform the physical transaction. The data is validated and the completed material transactions are immediately visible from within the forms. The transactions extend and complement the transaction workflows and validations within Oracle E-Business Suite. Gemini transactions extend beyond the validated material transaction, executing industry-specific business logic and using simple if-then conditions to print compliant labels.

Simplified administration leveraging Oracle E-Business Suite

Administration is performed within Oracle® E-Business Suite; user access, profiles, and tolerances are defined once and used by both the desktop and mobile workforce. If the status of a lot is put on hold to disallow transactions, users across the enterprise are immediately prevented from transacting that lot. This immediacy and simplicity is provided by a unique single data model approach with tight integration directly to the Oracle data model.

Flexible and robust integration using a single data model

Leveraging the existing Oracle data model preserves existing investments in technology and training while simplifying implementation and ongoing maintenance. Many data collection solutions rely on a standalone database that requires custom interfaces and mapping to integrate with the ERP data. Gemini integrates directly in real time, using standard Oracle application program interfaces (APIs). Leveraging setups, security and profiles minimizes implementation, training and ongoing support costs. Using standard Oracle interfaces simplifies future Oracle upgrades and helps maintain compliance with existing support agreements.

This approach seamlessly augments the Oracle MSCA and WMS transaction sets without customization.

FEATURE	BENEFIT
Designed specifically to extend Oracle E-Business Suite with a single-data model approach	Providing consistency across the enterprise with single point of administration and validation
Accurate real-time data collection improves data quality	Improving data quality provides downstream processes, such as picking for outbound delivery and requirements planning for procurement, have up-to-date and accurate data
Increased throughput for the warehouse, distribution center, receiving dock, and shop floor	Using best practices in data collection to expedite material movements increases capacity and reduces use of resources, saving time and money
Extensive experience in both discrete and process manufacturing	Helping all enterprises leverage new features and expanded item attributes available in the R12 merged data model

GEMINI FUNCTIONS

Over 100 easy-to-use transactions for barcode input

- Takes the work to the worker
- Reduces training costs
- Improves accuracy of data input

Warehouse transactions

- Inventory movements
- Outbound pick, pack, and ship
- Inbound receiving, inspection, putaway and returns
- WIP and shop floor with serialization
- Quality, labeling, and administration

LPN transactions for WMS-enabled organizations

- Move orders
- Outbound shipments
- Receiving transactions to LPNs

Advanced shipping

- Expedite outbound shipments
- WIP complete to pack and ship
- Configure and control deliveries and trips

Process Manufacturing

- Lot-triggered material transactions
- Batch input and output
- Quality samples, tests, and evaluations

Tight integration with Oracle EBS data

- Single version of the truth
- Real-time updates with near-zero latency
- Lower integration costs

Hardware implementation

- Deploy hand-held RF devices
- Receive input from scales
- Send labels to printers

Compliance labeling

- Control label format and content based on transaction data
- Labels on receipt to expedite receiving and putaway
- Labels for quality and material movements provide accuracy throughout warehouse
- Labels on outbound shipments specific for each customer and/or shipment method
- Configure and update to meet changing regulatory or customer requirements



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