



GEMINI SIMPLIFIED INTERFACE™ FOR ORACLE® PROCESS MANUFACTURING

Streamlined Data Collection for Process Manufacturers

Process manufacturers face a distinct set of challenges. They need precise control over inventory and manufacturing processes. They need comprehensive visibility into existing inventory to scale batches up and down to meet changing demand. Exact formulations and recipes demand the strictest compliance with policies on sourcing and storage. And, because quality is more than just a customer satisfaction issue, they need the ability to collect accurate data at every step of the manufacturing process. At the same time, process manufacturers are under the same economic pressures as other manufacturers. They want to minimize the costs of sourcing, manufacturing and shipping and improve the flow of information, ingredients and finished product throughout the supply chain.

Collect data using RF devices

Preserve existing Oracle setups, profiles and tolerances

Improve data accuracy and visibility

Increase worker mobility

Simplify future Oracle upgrades

Gemini Simplified Interface for Oracle Process Manufacturing

Gemini Simplified Interface (G.SI) for Oracle® Process Manufacturing (OPM), from TAKE Supply Chain, allows process manufacturers to collect data using radio-frequency (RF) devices to increase the availability of information on receiving, shipping, manufacturing and inventory activity as it happens. With handheld devices, users can collect data and perform OPM transactions directly on the shop floor, in the warehouse and on the loading dock. The information collected is immediately available to OPM applications throughout the enterprise to improve control and visibility of key processes as they occur. Rather than keying information into the appropriate Oracle forms, G.SI allows users to gather data at the source, reducing the potential for errors.

Integration, Flexibility, Simplicity

G.SI for OPM helps preserve existing investments in technology and training by leveraging the existing OPM data model. Many data collection solutions rely on a standalone database that requires integration with the ERP database via a custom interface. G.SI integrates directly with the OPM database in real time, using standard Oracle application program interfaces (APIs). It also works with the setups, security and profiles already defined in Oracle, helping minimize implementation, training and ongoing support costs. Also, G.SI requires no modifications to Oracle or custom interfaces, simplifying future Oracle upgrades and helping maintain compliance with existing support agreements.

Feature

Benefit

Increase data collection throughput

Increases data collection capacity through the use of handheld RF and barcode scanners.

Improve data quality

Feeds information directly to Oracle applications.

Streamline key supply chain processes

Addresses the strategic supply chain information needs with capabilities for receiving, shipping, manufacturing and inventory.

Simplify ongoing ownership

Requires no custom modifications to Oracle code, simplifying future upgrades and application maintenance.

Increase worker mobility and flexibility

Frees key personnel to collect data at the source and eliminates the need to re-key information into Oracle forms.

Enforce quality procedures

Supports key quality management processes with transactions designed specifically for process manufacturing environments.

Leverage existing Oracle capabilities

Preserves existing OPM settings and tolerances, helping minimize training costs and IT administration overhead.

Standard Transactions

Inventory

- Adjust Immediate
- Consolidate Sublot
- Cycle Count
- Cycle Count by Location
- Discrete to Process Transfer and Process to Discrete Transfer
- Grade Immediate
- Inventory Transfer by Item, Sublot
- Inventory Transfer Release, Cancel and Receipt
- Item Inquiry, Lot and Sublot Inquiry
- Location Inquiry
- LPN Inquiry
- Mass Grade Immediate
- Mass Move Immediate
- Mass Status Immediate
- Move Immediate by Lot, Sublot
- Physical Inventory by Item and Location
- Status Immediate

Manufacturing

- Batch Complete
- Batch Input by Location, Lot and Sublot
- Batch Input Return, Update
- Batch Inquiry
- Batch Output to Inventory Transfer, Putaway, Pick and Pack
- Batch Output, Update
- Batch Pick Ingredients
- Batch Release
- Batch Step Complete
- Incremental Backflush
- Print Pallet Label

Quality

- Batch Samples and Results
- Inventory Item Samples and Results
- Supplier Samples and Results

Receiving

- Internal Requisition Receipt, by Sublot
- PO Inspection
- PO Receiving
- Receipt Delivery

Shipping

- Confirm Trip
- Full and Mixed LPN Pick
- Item Substitution
- LPN Load Verification
- Pack LPN
- Pick and Pack by Delivery
- Pick and Ship
- Pick Confirm by Lot
- Pick Reversal
- Ship Confirm by Lot
- Unpack LPN

Other

- Entering and Viewing E-Signature Approvals
- Printing Location Labels

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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