

# Bridging Transformation

## Enterprise - Wide

### GEMMS vs. Oracle 11i Changes:



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#### ➔ I. Modules re-written -

- A. Formula Management
- B. Laboratory Management
- C. Quality Management
- D. Production Management/Production Operations Controller
- E. MPS/MRP

#### ➔ II. Modules Re-named and Re-organized

- A. Quality Management, Formula Management, and Laboratory management now called "Product Development"
- B. Routings now separated from formulas; included in "Product Development" as separate entity
- C. Formula Validity Rules are now managed as "Recipes"; rules structure is also used for Quality Specifications
  - 1. Validity Rules now have Status Codes and Configuration Control
- D. Production Management and POC now combined as "Process Execution"
- E. MPS/MRP is now "Process Planning," slated for demise soon. Advanced Supply Chain Planning and Scheduling now integrated with OPM

#### ➔ III. Modules Eliminated

- A. Order Fulfillment
  - 1. Use Oracle Order Management and Shipping Module; and many more capabilities
  - 2. When Using OPM Quality Module, can Select Inventory for Shipment based on Actual Lot Specifications
- B. Purchasing
  - 1. Use Oracle Purchasing, now have catalogs, store, and I-Procurement

## GEMMS vs. Oracle 11i Changes:

## ➔ IV. Modules Diminished -

## A. OPM System Administration

1. Most security is now contained in Oracle Applications, not in OPM
  - a) User Responsibilities are defined in Oracle Apps
  - b) Responsibilities can be customized for field level read-write access
2. Links to Oracle HR for setting up OPM warehouses (HR Organizations and HR Locations)
3. Old "system constant" switches (SY\$, IC\$, FM\$, CM\$, etc.) now replaced with "Profile Options" (In ver. 3.1 about 40, now number about 200). New nomenclature and default values.
4. OPM "Companies" must have a 1:1 relationship with an Oracle Applications "Operating Unit"
5. User Organization access still set in Sys Admin, but now User must also appear as an Employee in Oracle HRMS and Organization must be within same Legal Entity as User

## ➔ V. Modules Enhanced -

## A. Inventory Management

1. UOM, Stock Locators, Allocation Classes, Item Classes and Types now flexfields
2. Lot Genealogy access from Inventory, Quality; Genealogy is now folder-based
3. Warehouses now part of Discrete Inventory, are no longer GEMMS/OPM entry forms or data structures
4. Item Master shared with Oracle Discrete Inventory - when created in OPM, duplicates itself in Discrete IM table
5. New Lot UOM Conversion functionality

## B. Quality Management

1. Much stronger functionality
  - a) Automatic Lot Status changes based on sample results
  - b) 2-tier responsibility structure - Quality Manager and Quality Technician
  - c) Enhanced equipment calibration record keeping
  - d) Electronic Records and Signatures available in Quality, Inventory, Formula, and Production functions
  - e) Sample retains and stability studies can be managed and documented using Quality

## C. Formula Management

1. Split from Formula which contains Validity Rules and Routing, to separate Recipe (rules), Formula, Routing
2. Status Control on Each Element (Recipe, Formula, Routing) -
  - a) New
  - b) Approved for Laboratory Use
  - c) Approved for General Use
  - d) Frozen
  - e) Obsolete/Inactive
3. Coproducts Listed Together on Single Form
  - a) User-controlled cost distribution

## GEMMS vs. Oracle 11i Changes:

## D. Production Management

1. Routing Steps can be linked to In-Process Samples
  - a) Sample "called" from Quality Module at selected Operation
  - b) Cannot move to next Operation until Sample results are posted in Quality
2. Material Issues can be linked to Routing Operations
3. No More "Partial Certification" feature
  - a) "Certification" now called "Completion"
  - b) Partial Completions handled thru Normal "Batch Complete" transaction
4. More Restrictive use of Plant-Warehouse table for Input/Output Warehouse Selection
  - a) Now recommended to use Single Warehouse for both Raw and Intermediate Ingredients
5. Can Now Link a Production Batch to a Customer Order

## E. POC Module Added in GEMMS 3.1 and 3.2 Now Integrated Into Batch Execution

1. POC is No Longer a Separate Module
2. POC is Automatically "Turned On" in Process Execution
3. Functionality Added to Allow Selective Reporting of Operation Completions
  - a) If midstream Operation is first one posted, prior operations will "auto-complete" at Standard Yield and Resource consumption
  - b) Batch Can Be Terminated at Any Operation and Only Be Coasted up to Termination Point\*

\*(actual Material and Std. Resources Overheads thru Last Operation Completed)

 VI. "Look and Feel" Changes -

## A. All New Navigation and Forms

1. Navigation now common with other Oracle Applications
2. All new forms, with new fields in them
3. Lookups, Actions as in Oracle Apps

## B. Workflows

1. Quality Management
2. Formulas and Routings

## C. Folder-Based Quality Module

1. Expanded Ability to Organize and View Calibrations and Sample Results
2. Use of "Base" and "Overlay" Specifications
3. Ability to Capture and Retain Process Equipment Parameter Values - Target and Actual

## D. New Form Links

1. All Item quality samples/results accessible from Item Master form
2. Process Parameter Specifications and Actual Values can be retrieved through Batch Record

## E. Old GEMMS Text Feature Now Oracle Flexfield Structures

1. Text Capability Still Available, but less "free-form"
2. Navigation Path into Text is less Intuitive