RP801: Creating Reports and Utilizing Tables within Ross ERP

Overview

Creating Reports and Utilizing Tables within Ross ERP (formerly "Introduction to Reporting from Ross ERP"), is an intermediate level, instructor-led course. Students will be able to recognize specific relationships between the primary database table structures and effectively extract key information for reporting purposes.

Audience

This course is for the student who wants to learn specific reporting modules that are most beneficial and advantageous to their company's professional environment.

Prerequisites

- A basic understanding of database concepts (tables, joins, indices, etc.).
- Familiarity with basic programming concepts (variables, conditional statements, loops, etc.).
- Previous experience with a reporting tool (i.e. Crystal Reports, Excel or SQL) is beneficial, but not required.
- Successful completion of the Ross ERP for Developers course (highly recommended).

Course Description

The following areas are discussed respective to individual modules [AP/AR/GL], [SOP, POP, IC], [PM]:

- ERP implementation decisions and how they affect reporting.
- Inter-related transactions in ERP and how they affect reporting.
- How transactions flow during a business process in ERP and how this affects reporting.
- The most important and commonly used tables in ERP.
- Techniques that can be used to find sources of reporting data; hands-on-exercises will be used to reinforce such techniques.

The following objectives are discussed respective to the modules indicated below:

Technical

- DML
- Utilities
- Documentation
- Debugger

Financial

- Code, Control, and Master tables:
  - Posting Formats, Journal Allocation, GL Hierarchy, Bank, Credit Terms, Tax, Approval and Authorization
  - Company Controls, Division, Transaction Types, Account Types, Balance Types
  - Customers, Suppliers, Payees, Addresses
- Integration:
  - Postings, Subsidiary Module updates, Month and Year end processing
- Process Flow:
  - Update batches to transactions, Update from Sales or Purchasing to Receivables or Payables, Cash Allocations, Check Processing and other payments, GL Postings and Transactions

Course Description, Cont'd

- Transaction tables:
  - AP and AR Batch Transactions, Transactions, and Cash Allocations
  - AP Checks and Payments, Vendor Balances
  - AR Finance Charges, Customer Daily Balances, Tax, Discounts, Payment Statements, and
  - Customer Balances
  - GL Postings, Transactions, Batch Transactions, Accounts, Period End Journals

Distribution

- Code, Control, and Master tables:
  - Characteristic, Inventory Status, Credit Terms, Approval, Grouping
  - Division, Transaction Numbers, Warehouse, Inventory
  - Part Code, Product Warehouse, Customer, Supplier, Addresses
- Integration:
  - Postings, Subsidiary Module Updates, Period End, Inventory, Updates from Sales Invoices to AR and from PO Invoices to AP
- Process Flow:
  - Sales Orders, Shipments, Sales Invoices
  - Requisitions, Purchase Orders, Goods Received Notes, Purchase Invoices
  - Inventory Transactions
- Transaction tables:
  - SOP and POP "Header, Lines, Quantities, and Details"
  - Inventory Movements, Quantities, Locations, Status

Manufacturing

- Code, Control, and Master tables:
  - Cost Categories, Locations, Employees
  - Factories, Calendars, Recipe types
  - Recipes, Specifications, Machines, Products
- Integration:
  - Postings, Movements, Part Codes, Cost Rollups, Planning
- Process Flow:
  - Job Creation, Inputs and Outputs, Close Jobs
- Transaction tables:
  - Recipe Lines, Process Specifications, Jobs – Inputs, Outputs, and Costing

Course Structure

Due to diverse customer needs, this course has been structured as three sessions that are continuous and logically flow into one another:

Day	Duration (Hours)	Content
1	8	Technical
2	4	Technical
2	4	Financial
3	8	Distribution
4	4	Manufacturing

*Prior to attending Day 3, you must attend Days 1 and 2 (during the same week).
**Prior to attending Day 4, you must attend Days 1- 3 (during the same week).