

WMS Software Training Class

A Educational Workshop
For Selection Team, Consultants, and Integrators

Industrial Data & Information Inc.
www.IDII.com

WMS Software Training Agenda & Outline

Purpose

Educate selection team members & executives on warehouse management systems, current trends in the industry, and best practice concepts enabled by WMS software. The following areas can be covered in 4 hours (1/2 day) class.

Outline

Warehouse Management Systems

- WMS Basics
 - Old Definition & Basic Host-to-WMS Diagram
 - New Definition
 - Complex Host-WMS-Modules-Equipment Diagrams
 - Key Word Definitions (Host, WMS, Middleware, LPN...)
- Success & Failure Factors
 - The Challenge – 41% Satisfied & Very Satisfied
 - How To Increase This Percentage by Success Factors
 - Failure Factors - Actual Company Examples
 - Best Practice In WMS Selection – 7 Step Diagram
- Base Line Expectations of All WMS Software
 - Core Functionality In Place to Expect – 10 Items
 - Built-In Utility Software To Expect
 - Leveraging of 3rd Party Software Products
 - Reminder – Vendor Demo Time is limited – Push Past these Basics
- Common Differences Between WMS Solutions
 - Equipment Table
 - Putaway - Bin Locator System Logic
 - Cross Dock Variations
 - Unique Paths
 - Interleaving
 - Automatic Release of Emergency Orders
 - Voice Picking
 - Pick to Carrier Shipping Label
 - Opportunity Cycle Count on Small Quantity & at Zero Quantity
 - Lot Control – Date Code Masking
 - Part Condition – Item Condition Code
 - Labor Productivity Standards
 - Supply Chain Event Management - Alerts

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- Missing Functionality – Don't Expect These
 - Paperclip Images for MSDS, CERT, Pictures
 - MSDS History Table
 - Hazardous Material Handling
 - Most will have a HazMat BOL
 - Advanced Order Management System
 - Standard Interfaces – Tips – Middleware Adapters
- Licensing by User, Site, Enterprise
 - Advantages of Site & Enterprise License
 - Watch Annual Maintenance Rates
- Source Code for internal IT Staff
 - Advantages
 - Dangers
 - A Good Balanced Approach

Current Trends In Warehouse Software Industry

- RFID – Craze or Enabler?
- Distributed Order Management
- ERP Players – SAP WM
- ERP Players – Oracle WMS ---- Skip for ExxonMobil
- Data Mapping - Boomi

Best Practices Enabled by WMS Software

- Pick To Carrier's Shipping Label
- Advanced Planning of Outbound Shipments via TMS Software
- Rate Shopping
- Task Workflow
 - Automatic Task Escalation

Best Practice Recommendations

- Build a Strong WMS RFP – 7 Step Selection Diagram
- Build an Initial Scope & Expectations Document
 - Did We Arrive at our Target Destination?
 - Can Measure Success

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Costs

WMS Software Training Class \$4000
Student Materials (Books) \$50 / student

Materials include handouts and the following book:

“Selecting Warehouse Software from WMS and ERP Providers” – Retail copy price \$149.95 - Discounted for class at \$50 per copy.

Cost Estimation

10 students would be \$4500, plus Trip Expenses.
20 students would be \$5000, plus Trip Expenses.

Trip Expenses for the Instructor are billed at our actual costs. Please budget \$1200 for airfare, rental car, hotel, meals, and incidentals.

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About the Instructor

Philip Obal is the President of IDI, a consulting firm focused on helping retailers, distributors, and manufacturers with computer software. Phil is experienced in the supply chain and warehousing, with over 22 years of experience in software. He has been the Research & Development Director for a major ERP software company with distribution, manufacturing, and financial software. Prior to that, Phil has been an IT Director for a large wholesale distributor in industrial durable goods.

Phil has designed software modules such as Warehouse Management System, Executive Information System, Order Entry, Import/Export Module, Container Tracking, Shipment Manifesting Interface, Sales Tax Interface, and Document Imaging System Interface.

He assists companies in selecting and installing warehouse management systems (WMS) and enterprise (ERP) solutions. This includes sales force automation, price change automation, shipment manifesting system, and other supply chain related software. He speaks frequently on WMS, TMS, ERP, & supply chain software and has written books that are available on Amazon.com and on IDII.com.

About the Company

IDI is a privately held research company for manufacturers, wholesalers, distributors, and warehouse management. We are dedicated to having the highest integrity through honesty, earnestness, and presentation of the facts. We provide:

1. Speaking & training engagements on specific technology issues for the supply chain.
2. Professional services in finding the best software for both your current and future needs.
3. Implementation assistance with new software and releases. Our proven expertise in relational databases and software design helps you from analysis through implementation.
4. Complimentary newsletters with an informational & educational thrust.