Welcome to online seminar on Oracle Advanced Supply Chain Planning

Presented by: Rapidflow Apps Inc

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Agenda

ASCP Overview
- Value Chain Planning (VCP) Product Suite
- ASCP Capabilities
- R12 Features and Functionality
- Implementation Options
- Rapidflow Methodology

ASCP Demo
- Plan Types Overview
  - Unconstrained
  - Constrained
  - Constraint based Optimized Plan
- Planner’s Workbench Overview
  - KPIs
  - Exceptions
  - Supply and Demand Pegging
  - Release Work Orders and Purchase Orders
  - End Item and Component Substitution
- Supply Chain Plan Simulation
VCP Product Suite

- ASCP
- RP
- CBO
- IO
- GOP
- CP
- SPP

Inventory Reduction

Assets Optimization and Utilization

Profitable Revenue Growth

- Demantra DM
- Demantra AFDM
- Demantra S&OP
- Demantra PTP
- Demantra TPO
- Demantra DSM
- DSR

Source: Oracle Corporation
VCP Suite- Achieve Benefits Incrementally

- Start with a base and plug-in new components incrementally
- Reconfigure without reimplementation

Source: Oracle Corporation
**ASCP Capabilities**

- **Holistic Optimization, Planning, and Scheduling:**
  - Single Oracle ASCP Plan for all supply chain facilities
  - Single Plan for Short-term detailed scheduling and long-term aggregate planning
  - Single Plan for multiple manufacturing methods like discrete, flow, project and process manufacturing

- **Finite Capacity Planning and Scheduling:**
  - Oracle ASCP Plans consider both resource and material constraints
ASCP Capabilities

✓ **Optimization:**
  - Configurable business scenario based optimization.
  - No programming is necessary

✓ **Multi-System Planning:**
  - Oracle ASCP's component architecture allow it to be deployed against any version of Oracle transaction systems.

  • **Workflow-Driven Exception Messaging:**
    - Oracle ASCP's exception messages alert planners to critical issues
    - Configurable exceptions
ASCP Capabilities

✓ Global Accessibility:
  • Browser based access to the central planning server
  • Multiple planners can have simultaneously access to single plan data

✓ Integrated Planning and Execution:
  • Single workbench to view supply/demand details with end assembly pegging and execute the work orders/purchase requisitions
ASCP Overview

✓ Simulation Capability:
  • Extensive scenario based simulations such as firming, changing sources, modifying demand priorities and modifying supplier capacities are some examples
  • Unlimited numbers of scenarios can be simulated and compared with baseline scenario
  • Quick results verification prior to making actual changes
R12 Features and Functionality

- Gantt Chart Enhancements
  - Enhanced Resource Views for information review, simulation and trouble-shooting
- Personal Query Enhancements
- Oracle Supply Chain Planning Reports
  - Planning Detail Report from Oracle Supply Chain Planning (SCP)
  - MRP Bucketed Material Report
  - MRP Material Activity Report
  - MRP Action Messages Report
  - MRP Error Messages Report
- Discrete Manufacturing Integration Enhancements
  - Actual Work Order Start Dates
  - Lot-based Component Usage
- Chargeable Subcontracting
- Forecast Spreading for Gregorian Calendars
- Project Manufacturing – Excess inventory in the Common Project can be netted against Project Demand for Hard Pegged Items

Contd..
R12 Features and Functionality

- **R12 Features and Functionality**
  - Inventory Optimization
    - Demand Fulfillment Lead Time (Evaluate Cost of Lead Time)
    - Lead Time Variability Modeling (Evaluate by production, transportation and procurement)
  - Extended DRP Capabilities
    - Fair Share Allocation
    - Inter-organization load consolidation
    - Inventory re-balancing
    - Distribution focused usability enhancements
      - New Distribution Planners Workbench
    - Release and reschedule internal sales orders
  - Rapid Planning
    - Copy and re-generate plans for fast "what-if" simulations
    - Quickly run alternative scenarios
    - Compare plan metrics to help select the best solution
Implementation Options

- **First Step**
  - Unconstrained Planning
    - ✓ No Material or Resource Capacity limitation
    - ✓ Enforce Due Dates
    - ✓ Balance Supply and Demand – Release Planned Orders and handle exceptions
    - ✓ Limited Organizations (understand and improved data accuracy)

- **Next Steps**
  - Constrained Planning
    - ✓ Enforce Capacity Constraints
    - ✓ Enforce Supplier Capacity Constraints
  - Constraints based Optimization
    - ✓ End item and component substitution
    - ✓ Alternate components, resources, processes, suppliers, facilities, and ship methods
    - ✓ Objective based Optimization with Decision Rules

- **GOP**
  - Can be implemented with any options
Rapidflow ImplementationMethodology

**RAPIDFLOW IMPLEMENTATION APPROACH**

**SALES CYCLE**

- Scope and Objectives
- Demos and Proposal
- Partnership Agreement

**SOLUTION DELIVERY**

- Sales Cycle
- Preparation
  - Project Plan and Team Building
  - Flow Based Requirements
  - Database Installation
- CRP
  - Configuration and Build
  - Testing and CRP
- Delivery
  - Solution Fine Tuning
  - UAT
  - Go-live
Key Features Demo
Business Flow Diagram – Forecast to Plan

Customer
- Upload Forecast

Manufacturer
- On-hand
- Demand History
- Backlog
- Sales Forecast
- Demantra
- Review Forecast - Analyst1
- Review and Approve Forecast - Manager

Supplier
- Supplier Capacities
- Purchase Orders

DM = Demantra Demand Management
ASCP = Advanced Supply Chain Planning

Sales Forecast
Manufacturing Orders
Review Forecast - Analyst2
Plan Simulation

Advanced Supply Chain Planning
Demantra Demand Management
Rapidflow Apps
Accelerate Your Business
Day in a life of a Planner

1. Generate or Update Forecast/Master Schedule
2. Collect Data into Planning Server
3. Define Plan Options and Parameters
4. Define Material and Capacity Plans And Launch
5. Run Simulations to Resolve Issues
6. Review KPIs, Exception, Supply/Demand And Respond to Recommendations
7. Release Work Orders and Purchase Requisition
8. Respond to Customers and Follow up with Suppliers

Rapidflow Apps
Accelerate Your Business
Demo Points

- **Plan Types Overview**
  - Unconstrained
  - Constrained
  - Constraint based Optimized Plan

- **Planner’s Workbench Overview**
  - Demonstrate Plan Type Output Differences
  - KPIs (Horizontal and Vertical Plan)
  - Exceptions Management
  - Supply and Demand Pegging
  - Releasing Work Orders and Planned Orders
  - End Item and Component Substitution

- **Simulation**
  - Supplier Capacity Constraints
  - Issue Resolution
Plan Types Overview

- Unconstrained Plan
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Planner’s Workbench

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- KPIs (Horizontal and Vertical Plan)
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Supply Chain Plan Simulation

- Supplier Capacity Constraints
Rapidflow Apps:

Rapidflow Apps was founded with the sole objective of providing high quality, innovative and practical solutions to the real world business problems of our clients in the areas of Supply Chain Planning, Product Lifecycle Management, Master Data Management and Business Intelligence.

Rapidflow Apps Team:

Our team bring years of expertise with a proven record of leading multiple successful implementations in Oracle APS Suite, PLM/MDM and OBIEE products. Our talented and self motivated team is result driven, proficient and delivery oriented.

Rapidflow Apps Methodology:

Our quality business flow based methodology significantly reduces the implementation time and cost of ownership.
Rapidflow Apps Inc. - Services

- Implementation and upgrades for Oracle Value Chain Planning, Oracle Agile PLM, PIM Data Hub and OBIEE
- Turnaround services for troubled/failed Implementations
- Third Party Validation: Configuration and Design validation
- Offsite support/Offshore support
- Corporate Trainings

For details please contact – info@Rapidflowapps.com
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