



# Oracle Rapid Planning

**NorCal OAUG Jan 2011**

Presented by  
**Supply Chain Fusion, Inc.**

Curt Mckinney & Duane Hardacre



# Program Agenda

- **Introduction to Supply Chain Fusion, Inc.**
- **The Need for Event Driven Planning**
- **Supply Chain Model**
- **Rapid Planning Workbench Overview**
- **Reviewing Plan Outputs**
- **Simulations**
- **Implementing the Plan**
- **Wrap Up**



# Contact Information

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**WWW.SUPPLYCHAINFUSION.COM**

# At A Glance.....

## Who We Are

- **Specialized** consulting firm focused on leading edge supply chain processes & metrics
- **Process experts** with the real-world **industry experience** and **system “know-how”** to drive process and organizational change through successful implementations
- Through years of experience, developed a **progressive methodology** fusing people, process and technology to accelerate implementations without compromising quality

## What We Do

- Enable **supply chain processes** through **Oracle Value Chain Technology**
- Add value at any or all stages: Strategic road-mapping, assessments, Project Mgt., full implementations, and/or support

## Our Mission

*Drive the right supply chain solutions with our clients by providing unparalleled professional services with consultants who have real **industry** and **process** experience and understand how **systems** can be **properly** leveraged to drive metrics and add the desired **value**, and change.....**Where Strategy Meets Execution.***

# Oracle " Value Chain " Specific Capabilities Assessment

Oracle Value Chain Modules	Experienced  Expert
<i>Demantra DM, AFDM and S&amp;OP</i>	
<i>Demantra Predictive Trade Planning (Promotions)</i>	
<i>Demantra Trade Promotion Optimization</i>	
<i>Inventory Optimization (IO)</i>	
<i>Strategic Network Optimization (SNO)</i>	 **
<i>Advanced Supply Chain Planning (ASCP)</i>	
<i>Production Scheduling</i>	 **
<i>Manufacturing Operations Center (MOC)</i>	
<i>Demand Signal Repository</i>	
<i>Spare Parts Planning</i>	
<i>Collaborative Planning (VMI, CVMI, iSupplier )</i>	
<i>Global Order Promising (GOP)</i>	
<i>Advanced Planning Command Center (APCC) .....OBIEE</i>	
<i>Rapid Planning</i>	
<i>Order -to-Cash, Purchase-to-Pay, Manufacturing and Distribution EBS Modules</i>	

## In Addition....

- Solution Architect / Strategic Systems Road-Map
- Solution and Process Map to Required Value Chain modules
- Solution and Process Map to Required EBS Mfg and Distribution modules
- Solution / System ->Process Optimization



# What Separates SCF.....

- **Award Winning Referenceable Implementations** (Process & Technology)
  - Pioneer of the Year
  - Aberdeen Group: SCF process design resulted in the client being a finalist for the “**Supply Chain Process Excellence Award**”
  - Solution featured in a “Logistics Viewpoints” Article by the ARC Advisory Group.
  - Solutions presented at the Open World conference 2006-to-present
  - Solutions / Clients have presented at OAUG and CES (Consumer Electronics Show)
- **Accelerators:** Proven design templates, industry best practice process templates, and training tools & content all wrapped into a methodology framework that allows rapid design-to-implementation without compromising on quality
- **Strategic** “Value Chain” **partner** for Oracle, allowing us to leverage our access to development, value chain resources and the PMO office
- “**Well Oiled Machine**” Due to the extensive experience our consulting team has working together, we bring an immediate **Synergy, Chemistry** and **Cohesiveness** to the project team
- **Passion & Focus.....**This is what we do, This is all we do! Just ask our clients.

# What Separates SCF.....

- **Acknowledged leaders in Best Practice Processes and Change Management**

- Demantra
- Advanced Supply Chain Planning
- Collaborative Planning (**VMI, Consignment**) & iSupplier


**Gartner**

**Research**

Publication Date: 24 June 2010

ID Number: G00200437

## **Which Service Providers Can Help You Get More From Demantra Demand-Management Investments?**



Provider	Service Delivery Models		IT Services	
	On-Premise <sup>1</sup>	BPO <sup>2</sup>	Functional	Technical
Supply Chain Fusion	✓		✓	✓



Provider	Business and Organizational Consulting		
	Overall Program Mgmt.	Best Business Practices	Org/Change Mgmt.
Supply Chain Fusion		✓	✓

The background of the slide is a vibrant blue with a complex, abstract pattern of thin, intersecting white lines that create a sense of depth and movement. A large, semi-transparent sphere is positioned in the upper center, partially obscured by the lines. The overall aesthetic is modern and technological.

# **Rapid Planning**



# What Is Rapid Planning

- Complementary product to ASCP for “What if” and “Simulation”
  - Built by Oracle, Released Dec 2009
- Integrations to EBS,JDE, APCC, GOP, Demantra.....more coming
- Enhanced GUI – user experience
- Built in analytics and graphing
- Require Latest Technology Stack
  - Database 11g
  - Weblogic Application Server

# How is Rapid Planning Different From ASCP

## Rapid Planning

- **Single pass**
  - Constructive heuristic
  - No mathematical programming
- **Pegging is post-process**
  - FIFO only
  - No cross-pegging
- **Incremental solve**
  - Output created demand by demand
  - Freeze existing output, add changes (e.g., “hot demands”) on top
- **Safety lead time**
- **No detailed scheduling**
  - Resource capacity at day level
- **Day boundaries for resource loading**

## ASCP

- **3 phases**
  - Supply Chain Optimization (linear program), Memory-Based Planner, High Level Scheduler
- **Embedded pegging**
  - In middle (MBP) solution phase
  - FIFO or priority-based Quantity-based safety stock targets
- **Bulk solve**
  - SCO must first solve to completion, then provides output in its entirety
- **Quantity-based safety stock targets**
- **Detailed scheduling**
  - Minute-level resource capacity

# How is Rapid Planning Different From ASCP

## Rapid Planning

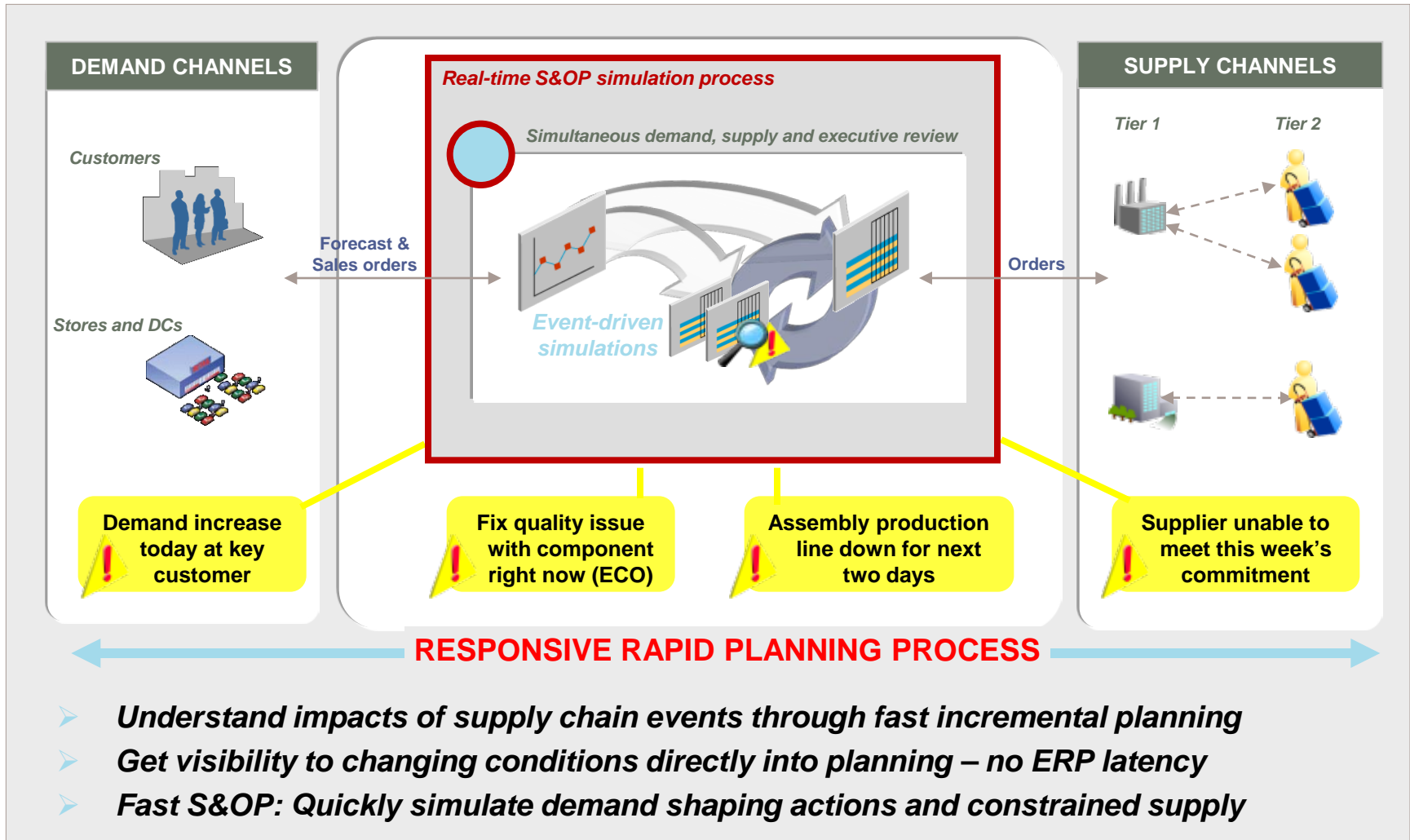
- **Designed for rapid simulation**
  - Fast one-pass heuristic
  - Simulation results in memory
  - Quickly edit planning inputs (demands/supplies, BOMs, routings, etc.) for simulation
  - UI: mass edits, plan compare
- **Multi-plan collaboration**
  - Merge changes from multiple plans into single master plan
- **Planning modes**
  - Unconstrained, Enforce Capacity Constraints
  - Enforce Demand Due Dates after initial release
  - Decision rules only, no cost optimization
- **Limited process, project mfg support**

## ASCP

- **Batch planning oriented**
  - Multi-phase, math programming
  - Simulation results flushed to database
  - Make changes on transaction source instance, re-collect
  - No mass edits; plan compare requires Advanced Planning Command Center
- **Single-plan collaboration**
  - **Multiple** planners must work on same plan
- **Planning modes**
  - Unconstrained, Enforce Capacity Constraints, Enforce Demand Due Dates
  - Optional cost-based optimization
- **Process manufacturing support**
- **Project manufacturing support**

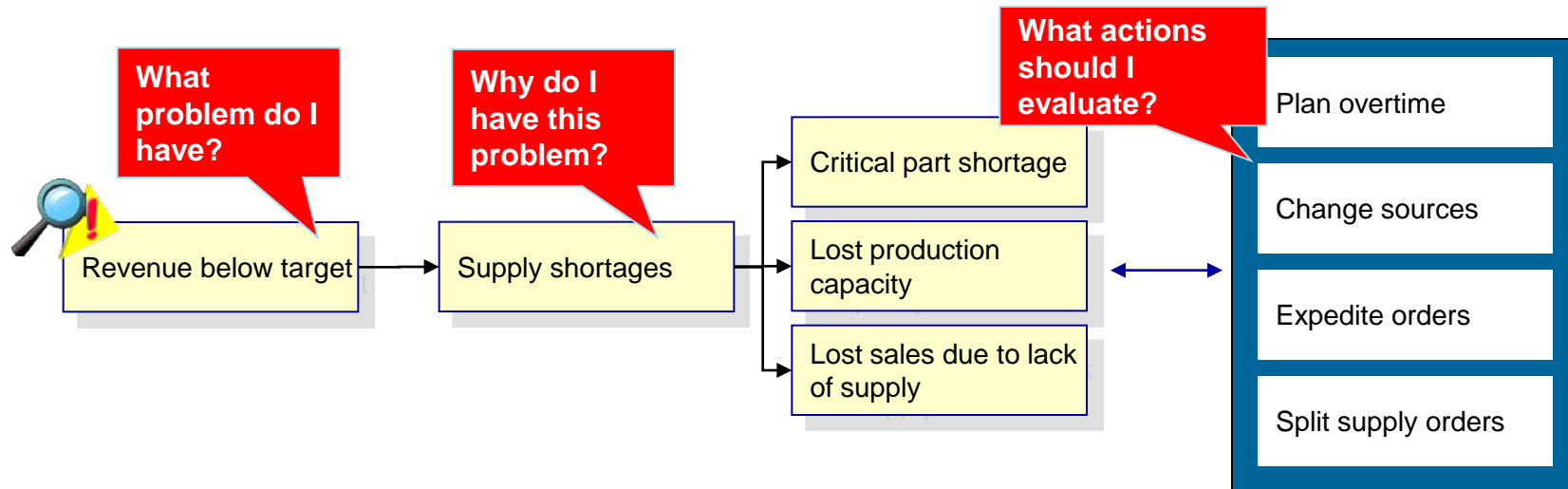
# Better approach

## Event-driven planning and fast S&OP simulation



# Enables closed-loop planning

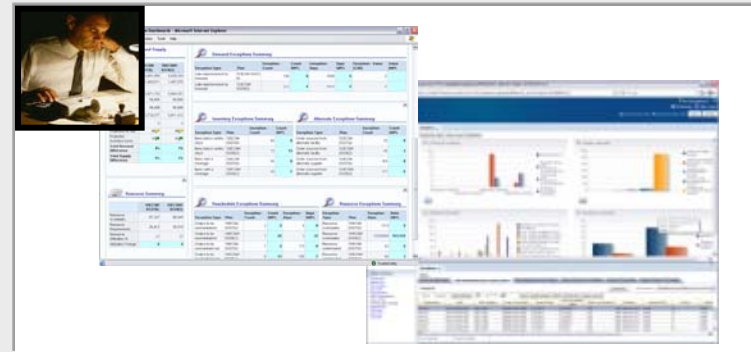
Problem      Cause      Alternative solution evaluation



VP of Supply Chain



Supply Chain Analyst



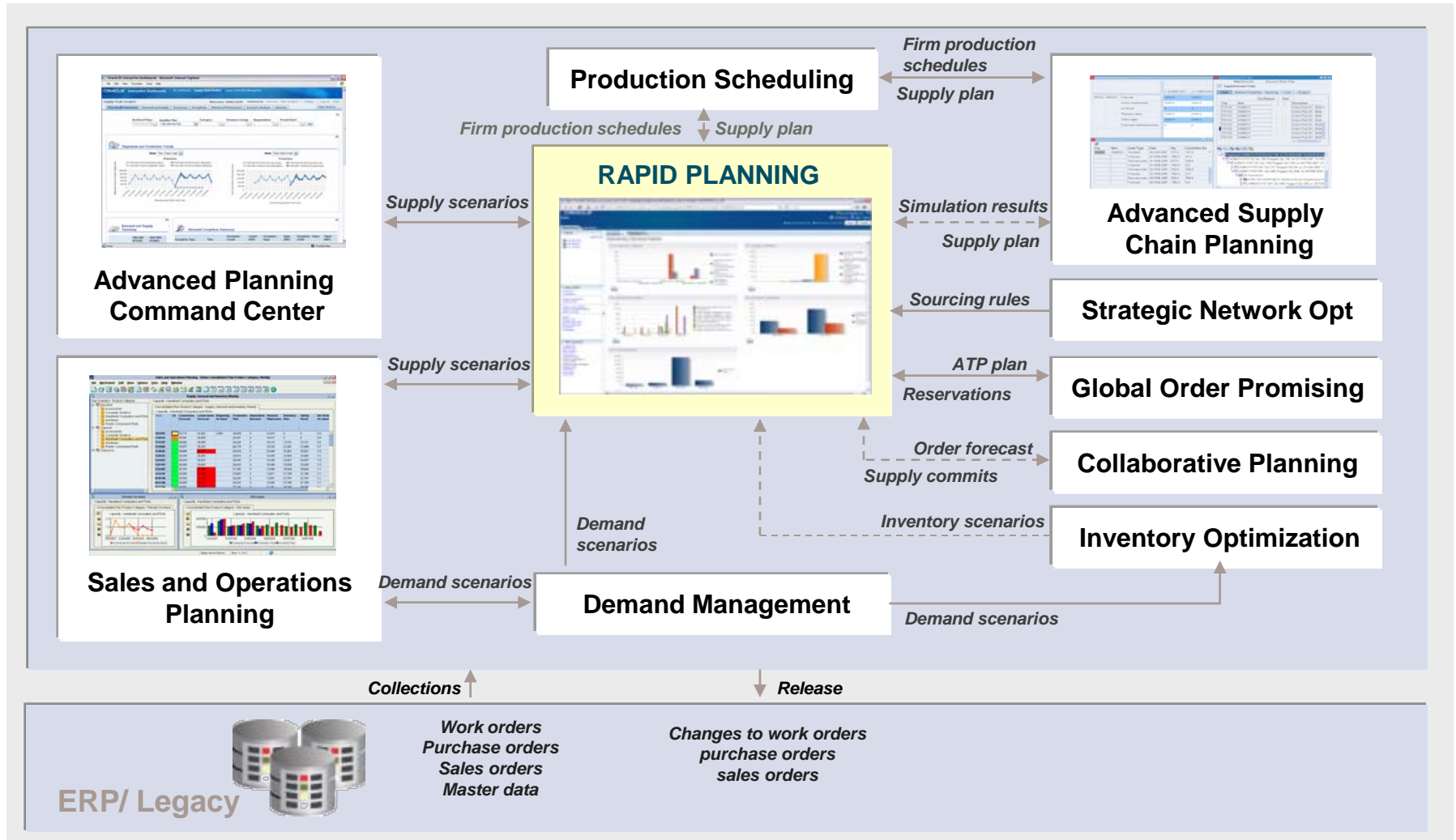
Planner

← Embedded Analytics →      ← Planning →



# Common Foundation

Quick ROI when deploying incremental components



Available with Rapid Planning 12.1.3

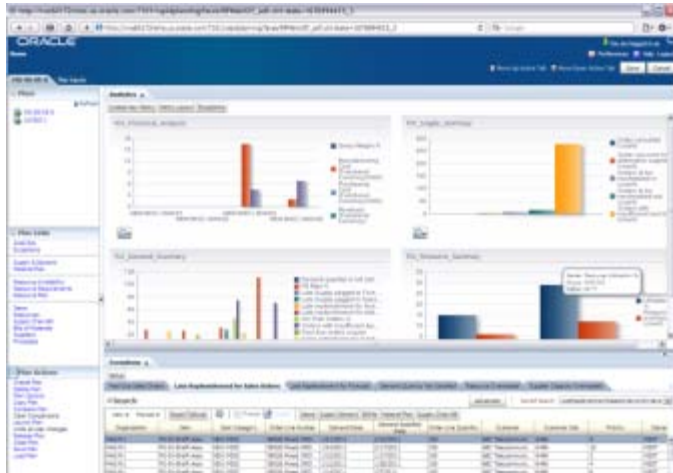
Targeted for Future

# What happens if...

- You get an hot order from an important customer
- Supply we thought was good, *isn't*
- The PO is going to be late
- You experience unanticipated downtime
- ECO timing changes
- Item lead time increases
- ....

# Oracle Rapid Planning

## Enabling event driven real-time planning



- **Empower planners with rapid what-if scenario planning**

- React quickly to supply chain events with fast incremental plan runs – make decisions in minutes
- Easily manipulate plans (mass edits)
- Enable fast sales and operations planning simulations

- **Leverage a strong UI for insightful analytics**

- Predictive and actionable insight via embedded analytics and spreadsheet-style UI
- Compare exceptions and key performance indicators

- **Make faster decisions through collaboration**

- Planners collaborate on a single holistic plan
- Multi-enterprise visibility and planning

- **Translate decisions into actions**

- Out-of-the-box integration with ERP
- No latency: release directly to execution

# Make better decisions faster

Automate planning decisions and model the constraints of your supply chain

## **Decisions**

## **Constraints**

### ■ **Fulfill demand with substitutes**

- End items
- Components

### ■ **Offload to alternates**

- Source (mfg sites, distribution centers, suppliers)
- Routing
- Bills of material
- Resource
- Ship method

### ■ **Account for effectivity**

- BOM effectivity
- Engineering change orders
- Sourcing effectivity

### ■ **Consider user-defined ranks and priorities**

### ● **Order modifiers**

- Item, supplier

### ● **Lead times**

- Item, supplier, manufacturing

### ● **Planning time fence and calendars**

- Shipping, receiving, supplier, resource work days

### ● **Co- and by-products**

### ● **Firm orders**

### ● **Inventory reservations**

### ● **Forecast spreading and consumption**

### ● **Routings**

- Operation yield
- Max assigned units
- Resource efficiency





# Supply Chain Model

ORACLE® Rapid Planning

You are logged in as MFG

Home

Help Logout

Move Up Active Tab Move Down Active Tab Save Changes Cancel

TC-BASE Plan Inputs

Plans  
TC-BASE

Plan Links

Analytics  
Exceptions

Supplies and Demands  
Material Plan

Resource Availability  
Resource Requirements  
Resource Plan

Items  
Resources  
Supply Chain Bill

Plan Actions

Create Plan  
Plan Options

Clear Comparisons  
Compare Plan  
Copy Plan  
Launch Plan  
Load Plan  
Release Plan

Save Plan

Close Plan

Analytics Supplies and Demands x

Search

Advanced

Saved Search

Organization Equal to  
Order Number Equal to  
Order Type Equal to Forecast

Item Equal to AS66312  
Updated in this plan Equal to

Search Reset Save...

Item	Organization	Order Type	Order Number	Firm Quantity	Quantity	Firm Status	Sugg Order Date	Sugg Start Date	Sugg Ship Date	Sugg Dock Date	Sugg Due Date	Material Available Date	Or
A566312	TST:D2	Forecast	RPHD		-264	Not Firm					1/10/2011	1/10/2011	7
A566312	TST:D2	Planned order	29924025		155	Not Firm	1/10/2011	1/10/2011	1/10/2011	1/10/2011	1/10/2011		
A566312	TST:M1	Planned order	29924557		155	Not Firm	1/10/2011	1/10/2011			1/10/2011		
CM66327	TST:M1	On Hand			11,358	Not Firm					12/1/2010		
SB66324	TST:M1	Planned order	29925268		155	Not Firm	1/9/2011	1/9/2011	1/9/2011	1/10/2011	1/10/2011		
SB66324	TST:S1	Planned order	29925581		264	Not Firm	1/6/2011	1/6/2011			1/7/2011		
CM66336	TST:S1	Planned order	29926056		792	Not Firm	12/17/2010	12/17/2010	1/6/2011	1/6/2011	1/6/2011		
CM66335	TST:S1	Planned order	29925964		264	Not Firm	12/17/2010	12/17/2010	1/6/2011	1/6/2011	1/6/2011		
CM66334	TST:S1	Purchase order	1500(3)(6)(1)	183	183	Firm	12/1/2010	12/1/2010	12/15/2010	12/15/2010	12/15/2010		
CM66334	TST:S1	Purchase order	1500(3)(6)(3)	92	92	Firm	12/1/2010	12/1/2010	12/15/2010	12/15/2010	12/15/2010		
CM66334	TST:S1	Purchase order	1500(3)(6)(2)	51	51	Firm	12/1/2010	12/1/2010	12/15/2010	12/15/2010	12/15/2010		
CM66322	TST:M1	On Hand			17,383	Not Firm					12/1/2010		
A566312	TST:D2	Planned order	29924023		263	Not Firm	1/7/2011	1/7/2011	1/7/2011	1/7/2011	1/7/2011		
A566312	TST:M1	Planned order	29924555		263	Not Firm	1/7/2011	1/7/2011			1/7/2011		
CM66327	TST:M1	On Hand			11,358	Not Firm					12/1/2010		
SB66324	TST:M1	Planned order	29925359		263	Not Firm	1/6/2011	1/6/2011	1/6/2011	1/7/2011	1/7/2011		
SB66324	TST:M2	Planned order	29925726		263	Not Firm	1/5/2011	1/5/2011			1/6/2011		
CM66335	TST:M2	On Hand			15,277	Not Firm					12/1/2010		
CM66334	TST:M2	On Hand			9,875	Not Firm					12/1/2010		

Rows Selected 1 Columns Hidden 2 Columns Frozen 2

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Plans

TC-BASE

Plan Links

Analytics

Exceptions

Supplies and Demands

Material Plan

Resource Availability

Resource Requirements

Resource Plan

Items

Resources

Plan Actions

Create Plan

Plan Options

Clear Comparisons

Compare Plan

Copy Plan

Launch Plan

Load Plan

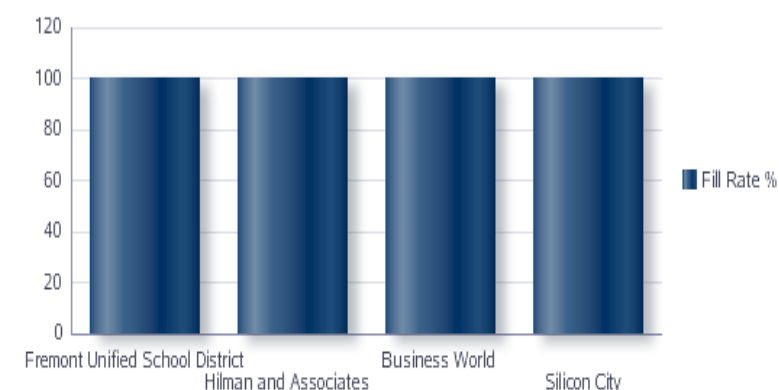
Release Plan

Save Plan

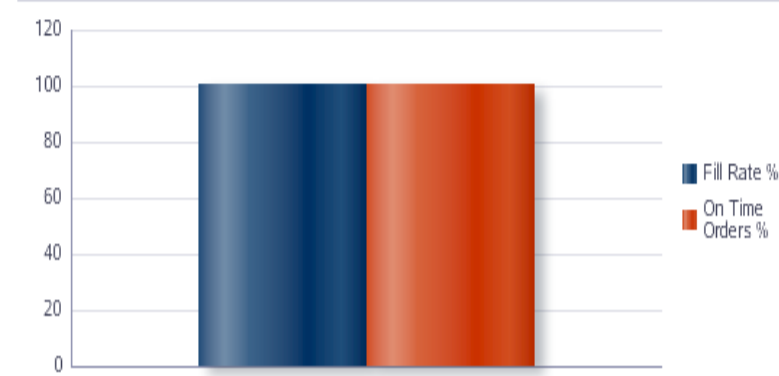
Analytics Exceptions Supplies and Demands

Create New Metric Metric Layout

Fill Rate by Customer



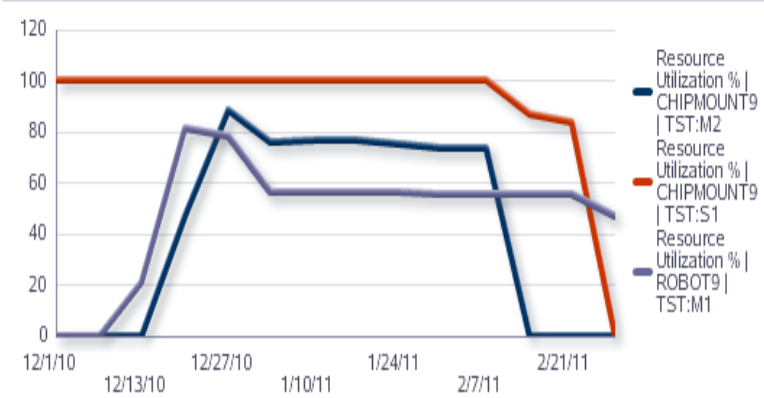
Demand Satisfaction



Critical Exceptions



Critical Resources



Plans

TC-BASE

Plan Links

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Supplies and Demands  
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Resource Requirements  
Resource Plan

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Resources

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Plan Options

Clear Comparisons  
Compare Plan  
Copy Plan  
Launch Plan  
Load Plan  
Release Plan

Save Plan

Analytics

Exceptions

Supplies and Demands

Setup

Resource Overloaded (2)

Search

Advanced Saved Search

Organization Equal to  
Department Equal to  
Resource Equal to

Start Constraint Date Equal to  
End Constraint Date Equal to  
Load Ratio Greater than

Search Reset Save...

View Format Freeze Detach Resources Resource Availability Resource Requirements Resource Plan

Organization	Department	Resource	Start Constraint Date	End Constraint Date	Load Ratio
TST:S1	SURF MOUNT	CHIPMOUNT9	2/18/2011	2/18/2011	100
TST:M2	SURF MOUNT	CHIPMOUNT9	2/4/2011	2/4/2011	100

Columns Hidden 1

Plans

TC-BASE

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Resources

Plan Actions

Create Plan  
Plan Options

Clear Comparisons  
Compare Plan  
Copy Plan  
Launch Plan  
Load Plan  
Release Plan

Save Plan

Analytics Supplies and Demands x

Search

Advanced

Saved Search tc-D2-orders

Organization Equal to TST:D2  
Order Number Equal to

Order Type Equal to Sales Orders  
Item Equal to

Search Reset Save...

Actions View Format Main/Other Freeze Detach Wrap Exceptions Material Plan Resource Requirements Items Supply Chain Bill

Item	Organization	Order Type	Order Number	Firm Quantity	Quantity	Firm Status	Sugg Order Date	Sugg Start Date	Sugg Ship Date	Sugg Dock Date
A566312	TST:D2	Sales Orders	68543.Mixed.ORDE		-943	Not Firm			12/1/2010	

# What happens if you get an unanticipated order from an important customer?

**ORACLE® Rapid Planning** You are logged in as MFG

Home Help Logout Move Up Active Tab Move Down Active Tab Save Changes Cancel

**TC-BASE** Plan Inputs

**Plans** TC-BASE

**Plan Links**

- Analytics Exceptions
- Supplies and Demands Material Plan
- Resource Availability Resource Requirements Resource Plan
- Items Resources

**Plan Actions**

- Create Plan
- Plan Options
- Clear Comparisons
- Compare Plan
- Copy Plan
- Launch Plan
- Load Plan
- Release Plan
- Save Plan

**Analytics** Create New Metric Metric Layout

**Fill Rate by Customer**

Customer	Fill Rate %
Fremont Unified School District	100
Hillman and Associates	100
Business V	100
Silicon City	100

**Critical Exceptions**

Category	Count
Orders with insufficient lead time (count)	9.0
Resource overloaded (count)	1.5

**Copy Plan**

\* From Plan: TC-BASE

\* To Plan: TC-SP-HD10

☒ Load and switch to copied plan

OK Cancel

**Demand Satisfaction**

Category	Value
Fill Rate %	100
On Time Orders %	100

**Critical Resources**

Date	CHIPMOUNT9   TST-M2	CHIPMOUNT9   TST-S1	ROBOTS   TST-M1	ROBOTS   TST-M2
12/1/10	0	0	0	100
12/13/10	0	0	0	100
12/27/10	80	80	80	100
1/10/11	75	75	75	100
1/24/11	75	75	75	100
2/7/11	75	75	75	100
2/21/11	0	0	0	0

TC-SP-HD10 Plan Inputs

Plans

TC-BASE

TC-SP-HD10

Plan Links

Analytics Exceptions

Supplies and Demands Material Plan

Resource Availability Resource Requirements Resource Plan

Items Resources

Plan Actions

Create Plan Plan Options

Clear Comparisons Compare Plan Copy Plan Launch Plan Load Plan Release Plan

Save Plan

Analytics Supplies and Demands x

Search

Organization Equal to

Item Equal to

Order Number Equal to

Updated in this plan Equal to

Order Type Equal to Manual Demand

Advanced Saved Search tc-manual-demand

Search Reset Save...

Actions View Format

Main;Other

Freeze Detach

Wrap

Item	Organization	Order Type	Order Number	Firm Quantity	Quantity	Firm Status	Sugg Order Date	Sugg Start Date	Sugg Ship Date	Sugg Dock Date	Sugg Due Date	Material Available Date	Days Late	Firm
+ A566312	TST:D2	Manual Demand			-10,000	Firm					12/22/2010	12/22/2010	0	

Rows Selected 1

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TC-SP-HD10 Plan Inputs

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TC-SP-HD10

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Copy Plan

Launch Plan

Load Plan

Release Plan

Save Plan

Close Plan

Delete Plan

Undo all user changes

Analytics Supplies and Demands x

Search

Organization Equal to

Item Equal to

Order Number Equal to

Updated in this plan Equal to

Order Type Equal to Manual Demand

Advanced Saved Search tc-manual-demand

Search Reset Save...

Actions View Format

Main;Other

Freeze Detach

Wrap

Exceptions

Material Plan

Resource Requirements

Item	Organization	Order Type	Order Number	Firm Quantity	Quantity	Firm Status	Sugg Order Date	Sugg Start Date	Sugg Ship Date	Sugg Dock Date	Sugg Due Date	Material Available Date	Days Late	Firm
+ A566312	TST:D2	Manual Demand			-10,000	Firm					12/22/2010	1/31/2011	40	

Rows Selected 1

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Columns Frozen 2

# Late Demand Analysis Process Flow Details

**ORACLE® Rapid Planning**

Home

IN-AC-LD01 Plan Inputs

Plans

- IN-AC-LD01
- KS-MLSOP1

Plan Links

- Analytics
- Exceptions
- Supplies and Demands
- Material Plan
- Resource Availability
- Resource Requirements
- Resource Plan
- Items
- Resources
- Supply Chain Bill
- Bill of Materials
- Suppliers
- Constraint Details
- Clear To Build Simulation
- Processes

Plan Actions

Analytics Exceptions Constraint Details

Setup

Past Due Sales Orders Late Replenishment For Sales Order (0) Late Replenishment For Forecast (12) Demand Quantity Not Satisfied (0) Resource Overload

Search

View Format Freeze Detach

Items Demands BOMs Material Plan Supply Chain Bill Constraint Details

Organization	Order Number	Item	Category	Demand Date	Demand Satisfied Date	Quantity	Customer
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/14/2010	4/20/2010	8	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/15/2010	4/20/2010	8	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/12/2010	4/20/2010	8	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/13/2010	4/20/2010	8	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/16/2010	4/20/2010	8	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/19/2010	4/20/2010	12	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/5/2010	4/20/2010	6	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/6/2010	4/20/2010	6	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/9/2010	4/20/2010	6	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/9/2010	4/20/2010	10	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/7/2010	4/20/2010	6	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/8/2010	4/20/2010	6	

**New Options to View  
Constraints for Late or Unmet  
Demands from Exceptions and  
Supply/Demand Views**

# Late Demand Analysis Process Flow Details

**ORACLE® Rapid Planning** You are logged in as MFG

Home Help Logout

Move Up Active Tab Move Down Active Tab Save Changes Cancel

**IN-AC-LD01** Plan Inputs

**Plans**

- IN-AC-LD01
- KS-MLSOPL1

**Plan Links**

- Analytics
- Exceptions
- Supplies and Demands
- Material Plan
- Resource Availability
- Resource Requirements
- Resource Plan

**Constraint Details**

Item	Order Number	Organization	Constraint Type	Material Constraint Type	Search Path	Supplier	Requested Date	Requested Quantity	Available Quantity	Shortage Quantity	Shortage Percent	Earliest Available Date	Constraint Duration
AC-B-BOLTS	FCST-BMW/FCST		Supplier Constraint		Primary	Abbott Labora	4/13/2010	4	0	4	100	4/14/2010	1
AC-B-FRAME	FCST-BMW/FCST		Supplier Constraint		Primary	3G Communica	4/13/2010	4	0	4	100	4/14/2010	1
AC-B-ENGINE1	FCST-BMW/FCST	MA0:M2	Material Constraint	Material Lead Time	All		4/12/2010	8.011	0	8.011	100		
AC-B-CHASIS	FCST-BMW/FCST	MA0:M2	Material Constraint	Material Lead Time	All		4/12/2010	12	0	12	100		
AC-B-CHASIS	FCST-BMW/FCST	MA0:M2	Material Constraint	Material Lead Time	All		4/12/2010	8.011	0	8.011	100		
AC-B-CHASIS	FCST-BMW/FCST	MA0:M2	Material Constraint	Material Lead Time	All		4/12/2010	8.011	0	8.011	100		
AC-B-CHASIS	FCST-BMW/FCST	MA0:M2	Material Constraint	Material Lead Time	All		4/12/2010	12	0	12	100		

**Type of constraint**

**Which type of Material Constraint**

**For Primary Path, reports exhaustive constraints**

**More details for each constraint (supplier for supplier constraints etc.)**

**Date on which the material or capacity is requested**

**Quantity of material or capacity requested for this order to be met on time**

**Quantity of material or capacity available at the time of planning that order**

**Quantity short (in units)**

**Shortage in % terms**

**When is the material or capacity first available**

**Earliest Available Date – Requested Date**

Plans

TC-BASE

Plan Links

Analytics Exceptions

Supplies and Demands Material Plan

Resource Availability Resource Requirements Resource Plan

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Plan Actions

Create Plan Plan Options

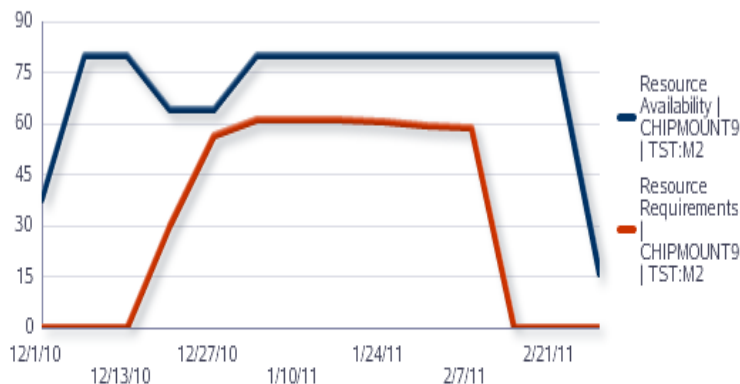
Clear Comparisons Compare Plan Copy Plan Launch Plan Load Plan Release Plan

Save Plan

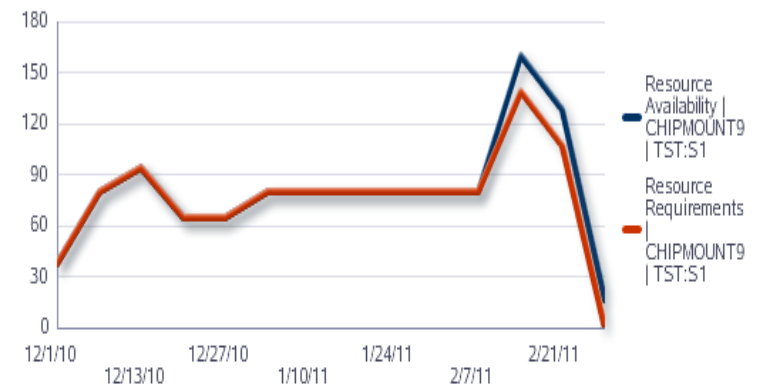
## Analytics x

Create New Metric Metric Layout

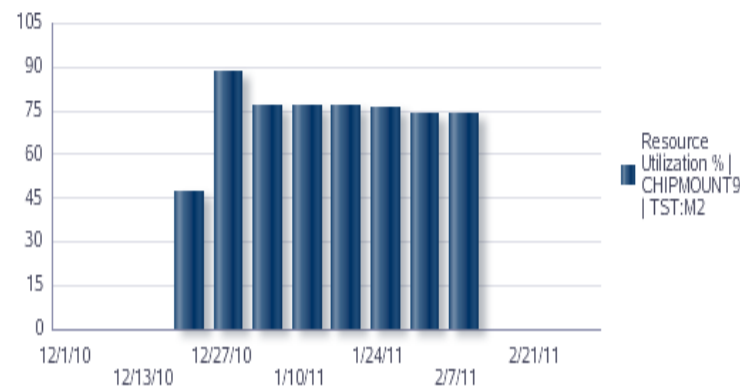
Utilization - M2 - Chipmount9



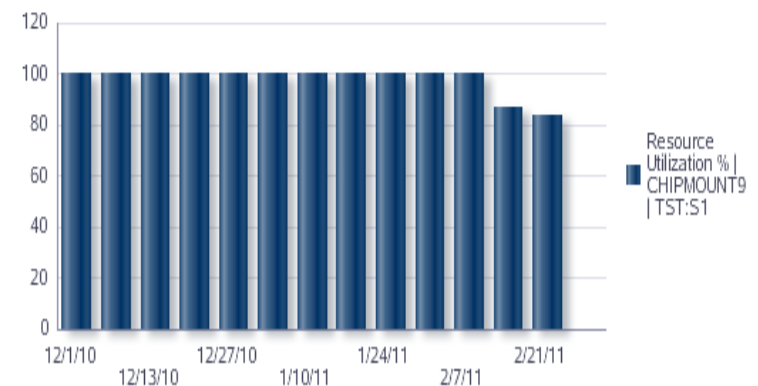
Utilization - S1 - Chipmount9



Utilization Chipmount9 - M2, Bar



Utilization Chipmount9 - S1, Bar



TC-SP-RD20 Plan Inputs

## Plans

- TC-BASE
- TC-SP-RD20

## Plan Links

- Analytics
- Exceptions
- Supplies and Demands
- Material Plan
- Resource Availability
- Resource Requirements
- Resource Plan
- Items
- Resources

## Plan Actions

- Clear Comparisons
- Compare Plan
- Copy Plan
- Launch Plan
- Load Plan
- Release Plan
- Save Plan
- Close Plan
- Delete Plan
- Undo all user changes

## Analytics Resource Availability x

### Search

Department Equal to SURF MOUNT  
 Organization Equal to TST:S1  
 Resource Equal to CHIPMOUNT9  
 Shift Date On or before 12/17/2010  
 Shift Equal to  
 From Time Equal to  
 To Time Equal to  
 Capacity Units Equal to  
 Last Changed Date/Time Equal to  
 Changed By Equal to

Basic Saved Search

Search Reset Save...

Organization	Resource	Department	24 Hour Resource	Shift	Shift Date	Capacity Units	From Time	To Time	Last Changed Date/Time	Changed By
TST:S1	CHIPMOUNT9	SURF MOUNT	No	2	12/9/2010	0	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	1	12/10/2010	0	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	2	12/10/2010	0	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	1	12/13/2010	0	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	2	12/13/2010	0	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	1	12/14/2010	0	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	2	12/14/2010	0	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	1	12/15/2010	0	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	2	12/15/2010	0	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	1	12/16/2010	0	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	2	12/16/2010	0	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	1	12/17/2010	0	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	2	12/17/2010	0	15:00:00	23:00:00	12/2/2010	MFG





Department Equal to SURF MOUNT

Organization Equal to TST:S1

Resource Equal to  CHIPMOUNT9 

Shift Date On or before 12/17/2010

Shift Equal to From Time Equal to To Time Equal to 

Capacity Units Equal to

Last Changed Date/Time Equal to

Resource Avail Update

Number of rows selected for update: 26

Shift Date Set to

Units Set to

From Time Set to

To Time Set to

Apply and Close Clear Cancel

Please enter a number greater than or equal to zero

Number of rows selected for update: 26

Shift Date: Set to [ ]

Units: Set to [0]

From Time: Set to [ ]

To Time: Set to [ ]

Please enter a number greater than or equal to zero

Apply and Close Clear Cancel

Organization	Resource	Department	24 H	From Time	To Time	Last Changed Date/Time	Changed By
TST:S1	CHIPMOUNT9	SURF MOUNT	No	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	15:00:00	23:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	07:00:00	15:00:00	12/2/2010	MFG
TST:S1	CHIPMOUNT9	SURF MOUNT	No	15:00:00	23:00:00	12/2/2010	MFG

Rows Selected All

# Easily manipulate plans – mass edits

Quickly assess impact of engineering, demand, and supply changes

- **Mass edit item attributes**

- Mass edit key item attributes such as lead times and order modifiers

- **Change supply chain bill**

- Sourcing rules
- Ship methods
- Supplier lead times, capacity, calendar

- **Simulate the impact of engineering changes by editing:**

- Bills of materials
- Routings

- **Simulate resource and capacity changes**

- Change resource availability
- Change resource calendar

- **Simulate demand changes**

- Change existing demand
- Enter new (high priority) demand

- **Simulate supply changes**

- Change existing supply
- Enter new supply
- Change manufacturing order resource requirements
- Change manufacturing order operation networks

# Clear to Build Process Flow















- Identify critical make orders and view their Clear to Build status
- Identify orders contending for the same on-hand
- Run Clear to Build Simulations
- Release Clear to Build prioritized make orders to execution

Clear to Build Demo  
Identify Critical Make Orders

**Search for Make Orders  
in Supply/Demand –  
Clear to Build attributes  
also available as search  
conditions**

- **Select candidate orders**
- **Navigate to CTB Simulation**

# Clear to Build View Make Orders in Simulation Workbench

Clear To Build Simulation x												
Search For Make Orders												
Actions ▾ View ▾ View Component Allocation View Contentious Orders   Detach Supplies and Demands												
Order Number	Organization	Item	Order Type	Sugg Due Date	Clear to Build Date	Order Quantity	Clear to Build Component Availability%	Potential Ready To Build Increase	Ready To Build %	Clear to Build Status	Prioritize For Clear To Build	Deprior Clear T
23099185	TS1:M2	KB-300CB-COMP	Planned order	1/20/2011	1/18/2011	50	50	100	0	No		
23099186	TS1:M2	KB-300CB-COMP	Planned order	1/24/2011	1/20/2011	50	50	100	0	No		
23099155	TS1:M2	KB-300CB-COMP	Planned order				100	100	100	Yes		
23099184	TS1:M2	KB-300CB-COMP	Planned order				50	100	0	No		
23099187	TS1:M2	KB-300CB-COMP	Planned order				50	100	0	No		
23099154	TS1:M2	KB-300CB-COMP	Planned order				50	100	0	No		

**View Clear to Build properties for selected orders**

**Prioritize order/s for Clear to Build**



# Clear to Build Demo

## View Order Contentions

MPCTB4 Plan Inputs

Plans

- IN-AC-GN02
- IN-CHK-TRN
- IN-MLM05
- IN-PM-CKPO
- INAJ-BUG2
- JICTOGLF4a
- JIRPSOPGIT
- MPCTB4

Analytics Clear To Build Simulation x

Search For Make Orders

Actions View View Component Allocation View Contentious Orders View Group Contentious Orders Detach Supplies and Demands

Order Number	Organization	Item	Order Type	Sugg Start Date	Potential Ready To Build Increase	Ready To Build %	Clear to Build Date
22027854	T51:M1	IN-AA-COMP	Planned order	1/31/2011	0	0	2/1/2011
22027852	T51:M1	IN-AA-COMP	Planned order	1/28/2011	0	0	1/31/2011
22027853	T51:M1	IN-AA-COMP	Planned order	1/28/2011	0	0	1/31/2011
22027847	T51:M1	IN-AA-COMP	Planned order	1/26/2011	833.333	33.333	1/27/2011
22027850	T51:M1	IN-AA-COMP	Planned order	1/27/2011	833.333	0	1/28/2011
22027851	T51:M1	IN-AA-COMP	Planned order	1/27/2011	0	0	1/28/2011
22027848	T51:M1	IN-AA-COMP	Planned order	1/26/2011	833.333	0	1/27/2011

Rows Selected 4

Plan Links

- Analytics Exceptions
- Supplies and Demands Material Plan
- Resource Availability Resource Requirements Resource Plan
- Items Resources Supply Chain Bill of Materials

View Detach Supplies and Demands

Order Number	Organization	Item	Sugg Due Date	Order Type	Order Quantity	Component Quantity Pegged to On Hand	Clear to Build Status	Ready To Build %	Potential Clear To Build Percent Increase	Deprioritize For Clear To Build
22027838	T51:M1	IN-AA-COMP	1/18/2011	Planned order	24.0	24.0	Yes	100.0	2.5477707	<input type="checkbox"/>
22027839	T51:M1	IN-AA-COMP	1/18/2011	Planned order	24.0	24.0	Yes	100.0	2.5477707	<input type="checkbox"/>
22027840	T51:M1	IN-AA-COMP	1/18/2011	Planned order	24.0	12.0	Yes	100.0	1.2738859	<input type="checkbox"/>
22027841	T51:M1	IN-AA-COMP	1/25/2011	Planned order	24.0	24.0	No	0.0	2.5477707	<input type="checkbox"/>
22027842	T51:M1	IN-AA-COMP	1/25/2011	Planned order	24.0	24.0	Yes	100.0	2.5477707	<input type="checkbox"/>
22027843	T51:M1	IN-AA-COMP	1/25/2011	Planned order	24.0	24.0	Yes	100.0	2.5477707	<input type="checkbox"/>
22027844	T51:M1	IN-AA-COMP	1/25/2011	Planned order	24.0	24.0	Yes	100.0	2.5477707	<input type="checkbox"/>

**View order contentions for a single or for a group of orders**

**Determine whether contention orders can be deprioritized**

- View end pegged demands
- View potential contribution of the order to improving the target order's Ready to Build%

**Deprioritize selected**

# Clear to Build Demo

## Launch Plan to consider prioritization

**Simulate after prioritizing orders**

**View updated Clear to Build statuses**

Order Type	Sugg Due Date	Clear to Build Date	Order Quantity	Clear to Build Component Availability%	Potential Ready To Build Increase	Ready To Build %	Clear to Build Status	Prioritize For Clear To Build
B-300CB-COMP	Planned order	1/14/2011	1/12/2011	50	50	100	0 No	<input checked="" type="radio"/>
B-300CB-COMP	Planned order	1/27/2011	1/25/2011	50	50	100	0 No	<input type="radio"/>
B-300CB-COMP	Planned order	1/24/2011	1/20/2011	50	50	100	0 No	<input type="radio"/>
B-300CB-COMP	Planned order			50	50	100	0 No	<input type="radio"/>
B-300CB-COMP	Planned order			50	50	100	0 No	<input type="radio"/>

- Run simulations multiple times as required
  - Once Key Make Orders are Clear to Build;
  - Overall analytics, metrics are acceptable
  - Release relevant Make Orders to execution once simulation has completed

# Order Comparison

## Order Comparison Results

Analytics x Supplies and Demands											
Metrics Sales Order Comparison (IN-PM-CMP9)											
<div> <div>Search</div> <div> <div>Item</div> <div>Equal to</div> <div></div> </div> <div> <div>Organization</div> <div>Equal to</div> <div></div> </div> <div> <div>Lateness Improvement (Days)</div> <div>Equal to</div> <div></div> </div> <div> <div>Demand Date (Current Plan)</div> <div>Equal to</div> <div></div> </div> <div> <div>Category</div> <div>Equal to</div> <div></div> </div> <div> <div>Customer</div> <div>Equal to</div> <div></div> </div> <div> <div>Customer Site</div> <div>Equal to</div> <div></div> </div> <div> <div>Comparison Type</div> <div>Equal to</div> <div></div> </div> </div> <div> <div>Advanced</div> <div>Saved Search</div> <div></div> </div>											
<div> <div>Search</div> <div>Reset</div> <div>Save...</div> </div>											
View Format Freeze Detach Wrap											
Items Supplies and Demands Material Plan Exceptions											
Demand Number	Organization	Item	Priority	Customer	Customer Site	Lateness Improvement (Days)	Comparison Type	Demand Date (Compared Plan) (IN-PM-CMP9)	Demand Satisfaction Date (Compared Plan) (IN-PM-CMP9)	Demand Date (Current Plan) (IN-PM-CMP1)	Demand Satisfaction Date (Current Plan) (IN-PM-CMP1)
59328.Standard.O...	TS1:M1	IN-PM-OCR	5	ABC Telecommunic...	6496			1/19/2011	1/14/2011	1/19/2011	1/14/2011
59479.Mixed.ORD...	TS1:M1	IN-PM-OCR	6	AT&T Universal Card	Jacksonville (OP5)	-1		1/21/2011	1/20/2011	1/21/2011	1/21/2011
59478.Mixed.ORD...	TS1:M1	IN-PM-OCR	2	Business World 2	San Jose (OP5)	0		1/11/2011	1/13/2011	1/11/2011	1/13/2011
59332.Standard.O...	TS1:M1	IN-PM-OCR	1	A. C. Networks	Provo (OP5)	0		1/10/2011	1/10/2011	1/10/2011	1/10/2011
59331.Standard.O...	TS1:M1	IN-PM-OCR	6	Bigmart	Bentonville	-16	Was Late, Now More Late	1/21/2011	1/25/2011	1/21/2011	2/10/2011
59330.Standard.O...	TS1:M1	IN-PM-OCR	4	American Avionics ...	San Mateo (OP5)	0		1/18/2011	1/14/2011	1/18/2011	1/14/2011
59329.Standard.O...	TS1:M1	IN-PM-OCR	8	American Telepho...	New York (OP5)	-17	Was On Time, Now Late	1/28/2011	1/28/2011	1/28/2011	2/14/2011

**Lateness Improvement between the current plan and compared plan**

**Comparison Type also shows the order comparison result summary**

# Late Demand Analysis Process Flow Details

**ORACLE® Rapid Planning**

Home

IN-AC-LD01 Plan Inputs

Plans

- IN-AC-LD01
- KS-MLSOP1

Plan Links

- Analytics
- Exceptions
- Supplies and Demands
- Material Plan
- Resource Availability
- Resource Requirements
- Resource Plan
- Items
- Resources
- Supply Chain Bill
- Bill of Materials
- Suppliers
- Constraint Details
- Clear To Build Simulation
- Processes

Plan Actions

Analytics Exceptions Constraint Details

Setup

Past Due Sales Orders Late Replenishment For Sales Order (0) Late Replenishment For Forecast (12) Demand Quantity Not Satisfied (0) Resource Overload

Search

View Format Freeze Detach

Items Demands BOMs Material Plan Supply Chain Bill Constraint Details

Organization	Order Number	Item	Category	Demand Date	Demand Satisfied Date	Quantity	Customer
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/14/2010	4/20/2010	8	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/15/2010	4/20/2010	8	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/12/2010	4/20/2010	8	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/13/2010	4/20/2010	8	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/16/2010	4/20/2010	8	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/19/2010	4/20/2010	12	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/5/2010	4/20/2010	6	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/6/2010	4/20/2010	6	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/9/2010	4/20/2010	6	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/9/2010	4/20/2010	10	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/7/2010	4/20/2010	6	
MA0:D1	FCST-BMW/FCST	AC-BMW	NEW.MISC	4/8/2010	4/20/2010	6	

**New Options to View  
Constraints for Late or Unmet  
Demands from Exceptions and  
Supply/Demand Views**

# Late Demand Analysis Process Flow Details

**ORACLE® Rapid Planning** You are logged in as MFG Help Logout

Home Move Up Active Tab Move Down Active Tab Save Changes Cancel

**IN-AC-LD01** Plan Inputs

**Plans** IN-AC-LD01 KS-MLSOPL1

**Plan Links** Analytics Exceptions Supplies and Demands Material Plan Resource Availability Resource Requirements Resource Plan

**Constraint Details** Analytics Exceptions Items Supplies and Demands Material Plan Resource Plan Resource Requirements Resource Availability

Item	Order Number	Organization	Constraint Type	Material Constraint Type	Search Path	Supplier	Requested Date	Requested Quantity	Available Quantity	Shortage Quantity	Shortage Percent	Earliest Available Date	Constraint Duration
AC-B-BOLTS	FCST-BMW/FCST		Supplier Constraint		Primary	Abbott Labora	4/13/2010	4	0	4	100	4/14/2010	1
AC-B-FRAME	FCST-BMW/FCST		Supplier Constraint		Primary	3G Communica	4/13/2010	4	0	4	100	4/14/2010	1
AC-B-ENGINE1	FCST-BMW/FCST	MA0:M2	Material Constraint	Material Lead Time	All		4/12/2010	8.011	0	8.011	100		
AC-B-CHASIS	FCST-BMW/FCST	MA0:M2	Material Constraint	Material Lead Time	All		4/12/2010	12	0	12	100		
AC-B-CHASIS	FCST-BMW/FCST	MA0:M2	Material Constraint	Material Lead Time	All		4/12/2010	8.011	0	8.011	100		
AC-B-CHASIS	FCST-BMW/FCST	MA0:M2	Material Constraint	Material Lead Time	All		4/12/2010	8.011	0	8.011	100		
AC-B-CHASIS	FCST-BMW/FCST	MA0:M2	Material Constraint	Material Lead Time	All		4/12/2010	12	0	12	100		

**Type of constraint**

**Which type of Material Constraint**

**For Primary Path, reports exhaustive constraints**

**More details for each constraint (supplier for supplier constraints etc.)**

**Date on which the material or capacity is requested**

**Quantity of material or capacity requested for this order to be met on time**

**Quantity of material or capacity available at the time of planning that order**

**Quantity short (in units)**

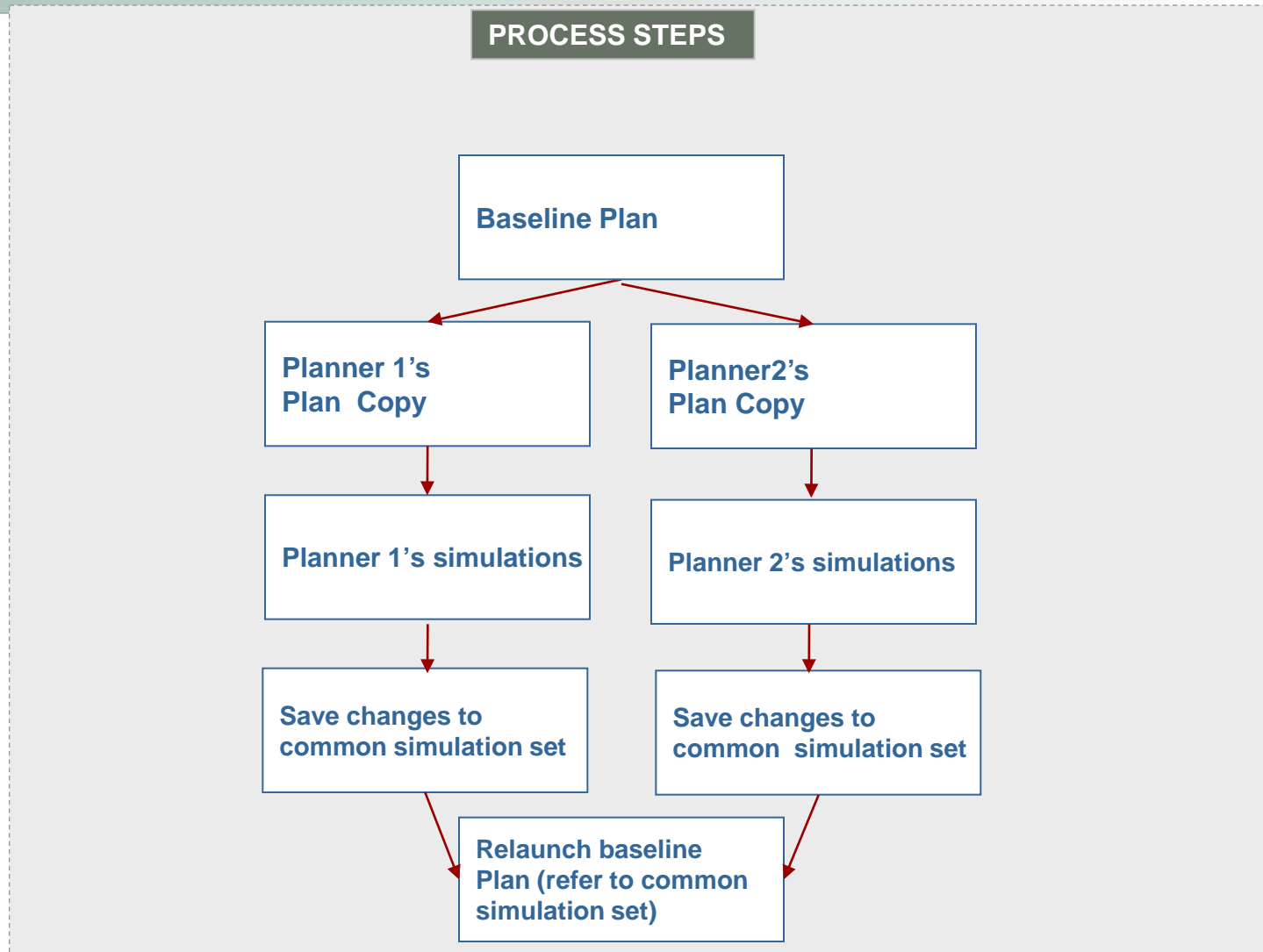
**Shortage in % terms**

**When is the material or capacity first available**

**Earliest Available Date – Requested Date**



# Multi-Planner Collaboration Process Flow



# Multi-Planner Collaboration Simulation Sets

KB-CB01AC Plan Inputs

Plans

- IN-AC-LD78
- IN-AC-LD98
- IN-SIM1
- INAJ-CTB10
- INVM\_CTO2
- IN\_DLALT04
- KB-CB01AC
- KS-SLMDMA
- KSSL5ODMDC
- SK-DEV1

Plan Links

- Analytics
- Exceptions
- Supplies and Demands
- Material Plan
- Resource Availability
- Resource Requirements
- Resource Plan
- Items
- Resources
- Supply Chain Bill
- Bill of Materials

Plan Actions

Analytics Resource Availability Items x

Search

Item Equal to

Organization Equal to

Category Equal to

Product Family Item Equal to

Planner Equal to

Last Changed Date/Time

Actions View Format

Select All

Update Selected

Save to Simulation Set

Organization	Description	Planning Method	Make/Buy	Planning Set
	300lt-CB-Compressor	MPS planning	Make	
	300lt-CB-condensor	MPS planning	Make	
KB-300CB-ELEC	TS1:M4 Elec	MRP planning	Buy	
KB-300CB-M-CAP	TS1:M2 CB Motor CAP	MRP planning	Buy	
KB-300CB-M-COVER	TS1:M2 CB Motor COVER	MRP planning	Buy	
KB-300CB-MOTOR-I	TS1:M2 CB Motor Imported	MRP planning	Buy	
KB-300CB-R134A	TS1:M4 CB Refrigerant A	MRP planning	Buy	
KB-300CB-SHELL	TS1:M2 CB Motor Shell	MRP planning	Buy	
KB-300CB-TUBES	TS1:M4 Condenser tubes -	MRP planning	Buy	
KB-300CH-COND	TS1:M4 300lt-CH-condensor	MPS planning	Make	

The planner decides to save his changes to a simulation set

# Multi-Planner Collaboration Process Flow Demonstration

The screenshot displays the ORACLE Rapid Planning software interface. On the left, a sidebar contains a tree view with categories like 'Plans', 'Plan Links', 'Supplies and Demands', 'Resource Availability', 'Items', and 'Plan Actions'. The 'Plans' section is expanded, showing a list of plans including 'IN-AC-LD70', 'IN-AC-LD90', 'IN-SIM1', 'INAJ-CTB10', 'INM-CTO2', 'IN-DLALT04', 'KB-CB01AC', 'KS-SUM00MA', 'KSSL500MDC', and 'SK-DEV1'. The 'KB-CB01AC' plan is selected. The main area shows a table of items with columns for Item, Organization, Description, Planner, and Order Quantity. The table lists various components like 'KB-300CB-COMP', 'KB-300CB-COND', 'KB-300CB-ELEC', 'KB-300CB-M-CAP', 'KB-300CB-M-COVER', 'KB-300CB-MOTOR-I', 'KB-300CB-R134A', 'KB-300CB-SHELL', and 'KB-300CB-TUBES'. A 'Simulation Set for Items' dialog box is open, showing a 'Simulation Set' dropdown menu with 'MPSIM1' selected. A red arrow points from the 'Save to Simulation Set' option in the 'Plan Actions' menu to the 'Simulation Set' dropdown in the dialog box.

**Planner can choose selected records or all edited records to save to a simulation set**

**Planner chooses a common simulation set (other planners also save to the same set)**

**Planner can choose to save changes across all views to a simulation set through a single Plan Action**

# Multi-Planner Collaboration Process Flow Demonstration

**KB-CB01A** **Plan Inputs**

**Plan Input Links**

- Supplies and Demands
- Resource Requirements
- Resource Availability
- Items
- Resources
- Bill of Materials
- Suppliers
- Calendar
- Calendar Association
- Processes

**Manage Simulation Sets**

**Items**

**Search**

Item Equal to

Organization Equal to

Category Equal to

Simulation Set Equal to

Product Family Item

Planner

Last Changed Date/Time

Changed By Equal to

**Actions** **View** **Format** **Supplies and Demands** **BOMs** **Suppliers** **Processes**

Item	Organization	Last Changed Date/Time	Changed By	Description	Planning Method	Make/Buy	Planning Units Of Work
KB-300CB-M-CAP	TS1:M2	4/13/2010	KBHASKAR	CB Motor CAp	MRP planning	Buy	
KB-300CB-M-COVER	TS1:M2	4/13/2010	KBHASKAR	CB Motor COVER	MRP planning	Buy	
KB-300CB-MOTOR-I	TS1:M2	4/13/2010	KBHASKAR	CB Motor Imported	MRP planning	Buy	

**Planner changes are saved to Plan Inputs within the selected simulation**

**Changed By and Last Changed fields provide visibility into who/when of the changes**

# Multi-Planner Collaboration Process Flow Demonstration

**Multiple planners  
save their key  
changes to the  
same simulation set**

**Plan Options**

Plan  Plan Description

**Main** Organizations Advanced

**Define Plan Attributes**

* Planned Item Type	<input type="text" value="MRP"/>	* Organization	<input type="text" value="MAO:M1"/>
Unconstrained Plan	<input type="checkbox"/>	* Planned Items	<input type="text" value="Demand Schedule Items Only"/>
End Item Substitution Set	<input type="text"/>	Assignment Set	<input type="text" value="AS-SET1"/>
Demand Priority Rule	<input type="text" value="Schedule Date"/>	Simulation Set	<input type="text" value="MPSIM1"/>
Planning Time Fence Control	<input checked="" type="checkbox"/>	Overwrite	<input checked="" type="radio"/> All <input type="radio"/> None
Demand Time Fence Control	<input checked="" type="checkbox"/>	* Category Set	<input type="text" value="Inv.Items"/>
ATP Enabled	<input type="checkbox"/>		

**Plan Options of the  
baseline plan refers to the  
same simulation set –  
changes saved by all  
planners are considered  
in the next plan run**



# Implementing the Plan

**ORACLE® Rapid Planning** Home You are logged in as MFG [Help](#) [Logout](#)

[Move Up Active Tab](#) [Move Down Active Tab](#) [Save Changes](#) [Cancel](#)

**Cathy-1** Plan Inputs

**Plans**

- Cathy-1
- PMI-B-C-S2

**Plan Links**

- Analytics
- Exceptions
- Supplies and Demands
- Material Plan
- Resource Availability
- Resource Requirements
- Resource Plan
- Items
- Resources
- Supply Chain Bill

**Plan Actions**

- Create Plan
- Plan Options
- Clear Comparisons
- Compare Plan
- Copy Plan
- Launch Plan
- Load Plan
- Release Plan

**Analytics** **Supplies and Demands**

**Search** [Advanced](#) [Saved Search](#)

Organization: Equal to TST:D2      Item: Equal to      Updated in this plan: Equal to

Order Number: Equal to      Order Type: Equal to

[Search](#) [Reset](#) [Save...](#)

Actions	View	Format	Main;Other	Freeze	Detach	Wrap	Exceptions		
Expand All									
Select All									
Supply Pegging									
Demand Pegging									
Exceptions only									
End Demand Only									
Update Selected									
Firm									
Mark for Release									
Unmark for Release									
	Order Type	Order Number	Firm Quantity	Quantity	Firm Status	Sugg Order Date	Sugg Start Date	Sugg Ship Date	Sugg
	On Hand			600	Not Firm				
	Purchase order	6611( )1(1)		900	Not Firm	12/6/2010	12/7/2010	12/7/2010	
	Planned order	29232760		100	Not Firm	12/27/2010	12/28/2010	12/28/2010	
	Planned order	29232761		200	Not Firm	12/28/2010	12/29/2010	12/29/2010	
	Planned order	29232762		200	Not Firm	12/29/2010	12/30/2010	12/30/2010	
	Planned order	29232763		300	Not Firm	12/30/2010	12/31/2010	12/31/2010	
	Planned order	29232764		200	Not Firm	12/31/2010	1/1/2011	1/1/2011	
	Planned order	29232750		300	Not Firm	1/16/2011	1/17/2011	1/17/2011	
	Planned order	29232751		300	Not Firm	1/17/2011	1/18/2011	1/18/2011	
	Planned order	29232752		200	Not Firm	1/18/2011	1/19/2011	1/19/2011	
	Planned order	29232753		300	Not Firm	1/19/2011	1/20/2011	1/20/2011	
	Planned order	29232754		300	Not Firm	1/20/2011	1/21/2011	1/21/2011	
	Planned order	29232755		200	Not Firm	2/13/2011	2/14/2011	2/14/2011	
	Planned order	29232756		300	Not Firm	2/14/2011	2/15/2011	2/15/2011	
	Planned order	29232757		300	Not Firm	2/15/2011	2/16/2011	2/16/2011	
	Planned order	29232758		300	Not Firm	2/16/2011	2/17/2011	2/17/2011	
	Planned order	29232759		300	Not Firm	2/17/2011	2/18/2011	2/18/2011	
	On Hand			1,000	Not Firm				
	Purchase order	6611( )3(1)		1,000	Not Firm	12/5/2010	12/6/2010	12/6/2010	

Comparison Plans Baseline Plan

Base 09/07(2) Base 09/07(2)

Category

Resource Group

Organization

Period Start

Go



## Demand and Supply Summary

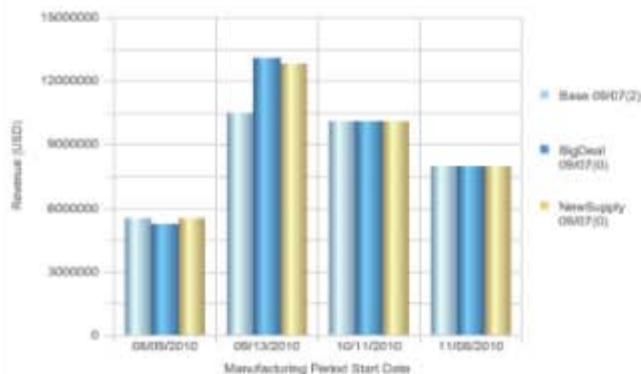
	Base 09/07(2)	BigDeal 09/07(0)	NewSupply 09/07(0)
Total Demand	637,405	725,405	725,405
Forecast	128,624	128,624	128,624
Sales Orders	10,226	10,226	10,226
Total Supply	665,373	775,873	789,723
On-Hand	200,290	200,290	200,290
Scheduled Receipts	0	0	0
Planned Orders	465,083	575,583	589,433
PAB - Days of Cover	4	8	8
Projected Fill Rate	100	94	100
Projected Inventory Turns	34	32	35
Total Demand Difference	0%	14%	14%
Total Supply Difference	0%	17%	19%



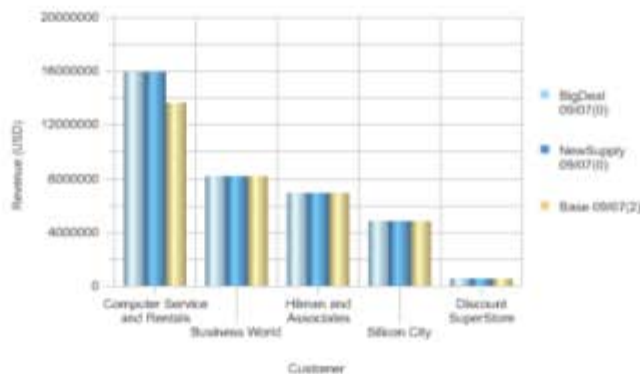
## Plan Cost Summary

	Base 09/07(2)	BigDeal 09/07(0)	NewSupply 09/07(0)
Manufacturing Cost (USD)	144,290	167,198	167,198
Purchasing Cost (USD)	12,698,862	13,122,938	13,101,664
Transportation Cost (USD)			
Carrying Cost (USD)			
Total Cost	12,843,279	13,268,862	13,290,135
Revenue (USD)	34,032,055	36,351,975	36,351,975
Gross Margin % (USD)	62	63	63
Total Cost Difference %	0	3	3
Revenue Difference %	0	7	7
Gross Margin Difference %	-0	1	1

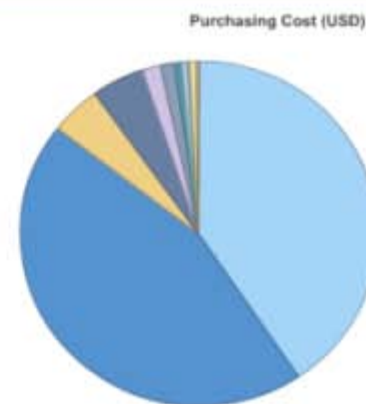
## Revenue this Quarter



## Revenue by Customer



## Purchasing Cost by Item - Base Plan



# Key Takeaways

- **Out of the box integration to Oracle eBusiness Suite**
- **Planner self-sufficiency**
- **Eliminate multi-planner fire drills. No guessing.**
- **Simulate supply, change orders, resource loads, etc.**
- **Get information day 1 with pre-built dashboards and reports**

# The Oracle Road Map

