







### Working With Your Suppliers Before Stockouts Become a Problem

Mike Lizio - PeopleSoft Product Strategy Manager, Oracle

# PeopleSoft.

## Agenda

- Overview
- Collaborative Supply Management
  - Collaborative Planning Schedules
  - Inventory Balances
  - KANBAN Requests
- eSupplier Connection vs. Collaborative Supply Management
- Summary
- Where to Get More Information







## **Rain Bird Corporation**

- Worldwide leader in irrigation products and services
- Started in 1933
- Privately held
- Manufacturing facilities in US and several other countries
- Sales and Marketing offices all over the globe
- Recently upgraded from PeopleSoft 8.0 to 8.9





## Why Rain Bird is interested in Collaborative Supply Management

- We're looking to reduce inventory in the entire supply chain and be able to respond to demand on time.
- Our current methods of sharing information with suppliers are accomplished through customizations:
  - Vendor Managed Inventory receipts/usage/balances
  - Monthly forecasts



- Goals:
  - To help you understand:
    - What is PeopleSoft's Collaborative Supply Management Module
    - How Can PeopleSoft's Supply Management Module Help My Business



- What is PeopleSoft's Collaborative Supply Management Module?
  - A Set of Tools to Enable You to Work More Closely With Your Suppliers...
    - Your Suppliers Can Take a More Active Role in Procurement Planning
    - Your Suppliers Can Better Manage Consigned Stock at Your Sites
    - Your Suppliers Can View Outstanding Kanban Requests

- What is PeopleSoft's Collaborative Supply Management Module?
  - Collaborative Planning Schedules
  - Inventory Balances (Vendor Managed a.k.a. Purchasing Consigned Inventory)
  - Kanban Requests



## **Collaborative Supply Management**







ORACLE

## **Required applications**

Collaborative Supply Management				
Transaction	Required PeopleSoft Application			
Collaborative Scheduling	Purchasing, Supply Planning (not required)			
View Inventory Quantity Balances	Inventory, Purchasing			
View KANBAN Requests	Inventory, Purchasing and Flow Production			





## Supplier Collaborative Schedules



## Variable purchase requirements & short lead-times

 You have changing demand and therefore, uneven purchase requirements. You also have short lead-times to your customers. You need to give your supplier as much notice as possible rather than maintaining large safety stocks





## **Supplier Collaborative Schedules**



ORACLE

## Variable purchase requirements & short lead-times

- With collaborative planning schedules, as your supply plan changes, you can dispatch the latest schedule to your supplier
- Your supplier can plan their production around your requirements & notify you of potential problems.



- Scheduler: The person at your site that is going to work with the supplier a.k.a a Buyer or Planner
  - Generate the Collaborate Planning Schedule (CPS)
  - Dispatch it to the Supplier
  - Approve or make changes once the Supplier has approved the CPS
- Supplier: The person(s) at the vendor that will be reviewing the planned purchases
- Get's notified when a CPS has been dispatched and is ready for review
- Makes updates to the CPS
- Approves the CPS



- Let's say that you are a bike manufacturer and you have set-up a relationship with your bike frame supplier, Ernies Bike Shop.
- Planned POs for 20 (from Supply Planning)
- Existing POs for 100 (already dispatched)



#### • Planned PO (from Supply Planning)

#### **Planned Purchase Orders**

Planning Instance:	<u>WEI</u>			Delete
Business Unit:	US008	Planning Sequence	Number: 000000004	
Item ID:	FR7003	Bike Frame, Carbon	Fiber	
Configuration Code:				
Status:	Planned			
Vendor SetID:	SHARE	Vendor ID: SCM0000004	Location: MAIN	
Vendor Name:	ERNIE'S BIKE SHO	OP		
Buyer:	VP1			
Due Date/Time:	02/28/08 10:00AM	Release Date/Time:	02/18/2008 10:00AM	
Lead Time:	10	Standard UOM:	EA	
Quantity:	20.0000	Remaining Quantity:	20.0000	
🗌 Frozen 🗹 I	nclude Quantity	Approved Spot Buy		
Strategic Sourcing				
Sourcing BU:	Event ID:	Event Round:	0 Event Version:	0
Save Return	to Search Terevio	ous in List	Notify	E+ Add

<u>sta</u>



**Existing PO's** 

#### **Activity Summary**

Unit:	US	3001	P	O Status:	Dispat	ched				
PO ID:	: 000000205 Vendor: ERNIE'S BIKE SHOP									
Lines							<u>Customize</u>	<u>Find</u>   View All   🔡	First 🖪	1 of 1 🕩 Last
Det	ails	Receipt	Invoice	Matche	d	RTV				
Line		<u>Item</u>	Item Descriptio	<u>n</u>		UOM	<u>Order Qty</u>	Amount Ordered	Currency	Amount Only
1	P+	FR7003	Bike Frame, Ca	rbon Fiber		EA	100.0000	10,800.000	USD	

Q Return to Search ↑ Previous in List ↓ Next in List È Notify



#### Scheduler

#### Purchasing > Supplier Schedules > Scheduler's Workbench

Selection Criteria	List <u>S</u> i	ummary					
Create New Sched	ule						
*Create By:	💽 ltem	🔘 Group					
*Start Date:	02/13/2008 🛐	*Number of Periods	10				
🗹 include F	PO Data	Week starts on:	Wednesday 💽	*			
Maintain Current Schedules           Show Approved Schedules with Changes only							
🔘 View Past Schedul	les						
From:	31	То:	31				
*Period Duration:	Week 💌						
Filter							
Vendor:	ERNIE'S-001	Q	ID:	SCM0000004 Q			
Vendor Location:		٩	Buyer/Planner:	Q			
SetID:	SHARE 🔍						
IN Unit:	US008 🔍		Category:	Q			
Item ID:	FR7003	Q	Schedule Priority:	~			
Show Schedules with Capacity Violations only							
Pre-Load Capacity	Ælex data						

Search



### Collaborative Planning Schedules Scheduler

• Purchasing > Supplier Schedules > Scheduler's Workbench

					<u></u> .	····   ······   ·······
Selection <u>C</u> riteria	st <u>S</u> i	Jmmary				_
			Custom	zo   Find   Mor		First 🗐 d et d 🕨 Lost
Customize       Find       View All       First       1 of 1       Last         Schedules       Description       Image: All All All All All All All All All Al						
<u>ltem ID</u>	<u>IN Unit</u>	<u>Vendor ID</u>	<u>Vendor Name</u>	<u>Vendor</u> Location	<u>Category</u>	<u>Schedule</u> Priority
FR7003	US008	SCM0000004	ERNIE'S-001	MAIN	CYCLING	Medium



• Purchasing > Supplier Schedules > Scheduler's Workbench

Selection <u>C</u> r	iteria <u>L</u> ist S	Summary			_
Vendor ID:	SCM0000004	ERNIE'S BIKE SHOP	Location:	MAIN	
Item ID:	FR7003	Bike Frame, Carbon Fiber			Send E-mail
Std UOM:	EA	Period Duration: Week	IN Unit:	US008	Build
Status:	New Schedule	Week starts on: Friday			

Review/Update your Actual Required Quantity and then click the Build button to create your schedule.

<ul> <li>Summary</li> </ul>								
Week 1 - 7 Week 8 - 10 IIII								
	02/15/2008	02/22/2008	02/29/2008	03/07/2008	03/14/2008	03/21/2008	03/28/2008	
Actual Required Qty	<u>0.0000</u>	<u>120.0000</u>	<u>0.0000</u>	<u>0.0000</u>	0.0000	<u>0.0000</u>	<u>0.0000</u>	
Previous Required Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Previous Approved Qty	<u>0.0000</u>	0.0000	<u>0.0000</u>	<u>0.0000</u>	0.0000	0.0000	0.0000	
Additional Qty Since Approved	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000	



#### Purchasing > Supplier Schedules > Scheduler's Workbench

Selection <u>C</u> r	iteria <u>L</u> ist	Summary			
Vendor ID:	SCM0000004	ERNIE'S BIKE SHOP	Location:	MAIN	
item ID:	FR7003	Bike Frame, Carbon Fiber			Send E-mail
Std UOM:	EA	Period Duration: Week	IN Unit:	US008	Build
Status:	New Schedule	Week starts on: Friday			

Review/Update your Actual Required Quantity and then click the Build button to create your schedule.

Summary								
Week 1 - 7 Veek 8 - 10								
	02/15/2008	02/22/2008	02/29/2008	03/07/2008	03/14/2008	03/21/2008	03/28/2008	
Actual Required Qty	<u>0.0000</u>	<u>120.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	
Previous Required Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Previous Approved Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	<u>0.0000</u>	
Additional Qty Since Approved	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000	

#### Quantities contain planned orders

🔻 ltem Det	tail - Actual Re	quired Qty							
Start Dat	e: 02/22/200	8 End Date:	02/28/2008	Pe	eriod Dura	ation: We	ek	🕶 🕨 🛛 Upd	date 🛛
	Customize   Find   View All   🗮 First 🗹 1-2 of 2 🕨 Last								
Date/Qt	Date/Qty Details Vendor PO Details .								
Туре	PO No.	<u>Due Date</u>	<u>Time Due</u>	<u>Quantity</u>	<u>Frozen</u>	Approved	<u>Plan Status</u>	PO Status	
Existing	0000000205	02/25/2008		100.0000				Dispatched	+
New		02/28/2008 🛐	10:00:00AM	20.0000			Planned 🗸	•	+



#### • Purchasing > Supplier Schedules > Scheduler's Workbench

Selection <u>C</u> r	riteria <u>L</u> ist S	Summary			_
Vendor ID:	SCM0000004	ERNIE'S BIKE SHOP	Location:	MAIN	
item ID:	FR7003	Bike Frame, Carbon Fiber			Send E-mail
Std UOM:	EA	Period Duration: Week	IN Unit:	US008	Build
Status:	New Schedule	Week starts on: Friday			

Review/Update your Actual Required Quantity and then click the Build button to create your schedule.

Summary							1		
Week 1 - 7 Week 8 - 10									
	02/15/2008	02/22/2008	02/29/2008	03/07/2008	03/14/2008	03/21/2008	03/28/2008		
Actual Required Qty	0.0000	<u>120.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	0.0000		
Previous Required Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
Previous Approved Qty	0.0000	<u>0.0000</u>	0.0000	<u>0.0000</u>	0.0000	0.0000	0.0000		
Additional Qty Since Approved	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000		

#### Quantities contain planned orders

<ul> <li>Comments</li> </ul>		
Scheduler's Comment:	you already have a PO for 100, but we are going to need an additional 20	Edit Comments



#### **Scheduler**

Purchasing > Supplier Schedules > Scheduler's Workbench

Build Sche	dule Options	Loootion, Mala	Include PO Data 🔽 Mook starts on	. Fridav 🔽
venuor iD:	SCM000004	LUCAUUN: MAIN	Mender o bata 🗠 week starts on	: []]
Item ID:	FR7003	Bike Frame, Carbon Fiber		
Start Date:	02/15/2008 🛐			
End Date:	04/24/2008 関			
Dispatch Fla	g 🔲	Dispatch Email Address:	mike.lizio@oracle.com	<u>~</u>
💿 Email				
O Other		Scheduler Email Address:	peoplesoft@peoplesoft.com	~
View Only Se	chedule 🗌			
OK	Cancel			



#### Scheduler

#### Purchasing > Supplier Schedules > Scheduler's Workbench

Selection Criteria	<u>L</u> ist				_
🔘 Create New Sched	lule				
*Create By:	💽 ltem	🔘 Group			
*Start Date:	02/15/2008 🛐	*Number of Periods	10		
🗹 include F	<sup>o</sup> O Data	Week starts on:	Friday 🔽	•	
<ul> <li>Maintain Current S</li> <li>Show Ap</li> <li>View Past Schedu From:</li> </ul>	ichedules iproved Schedules les Week	with Changes only To:	31		
Filter					
Vendor:		Q	ID:	Q	
Vendor Location:		Q	Buver/Planner:		Q
SetID:	SHARE 🔍		Group:	Q.	
IN Unit:			Category:	Q	
Item ID:		Q	Schedule Priority:	~	
Show Schedules w	vith Capacity Violati Flex data	ions only	Show Schedules	s with Flex Violations only	
Search					

ORACLE

## **Collaborative Planning Schedules** Scheduler

• Purchasing > Supplier Schedules > Scheduler's Workbench

Status	Description
Current	After you build a new schedule, the status changes to Current. The schedule remains in this status until you dispatch it.
Dispatched	The schedule status is Dispatched after the scheduler runs the dispatch process to send the schedule to the supplier through email. Once the schedule is dispatched, it becomes available for collaboration with the supplier. The Dispatched Status appears as 'NEW' to the supplier.
Supplier Approved	The schedule status is Supplier Approved after the supplier approves it.

#### Scheduler

Purchasing > Supplier Schedules > Scheduler's Workbench

Selection <u>C</u> riteria	List					<u>Customize</u>   Find	View All	First
<u>Item ID</u>	Group	<u>Status</u>	Status Date/Time	IN Unit	<u>Vendor ID</u>	<u>Vendor Name</u>	<u>Vendor</u> Location	Category
	BRAKES	Dispatched	06/12/2003 4:14PM		SCM0000004	ERNIE'S-001	MAIN	
FR7001		Current	01/26/2007 2:03PM	US008	SCM0000004	ERNIE'S-001	MAIN	CYCLING
FR7002		Dispatched	04/13/2001 9:16AM	US008	SCM0000004	ERNIE'S-001	MAIN	CYCLING
FR7003		Current	02/15/2008 2:10PM	US008	SCM0000004	ERNIE'S-001	MAIN	CYCLING

Selection Criteria | List



### **Collaborative Planning Schedules** Scheduler

#### Purchasing > Supplier Schedules > Scheduler's Workbench

Selection <u>C</u> r	iteria <u>L</u> ist	Summar	v					_
Vendor ID:	SCM0000004	ERNIE	S BIKE SHOP		L	ocation: MAI	N	
ltem ID:	FR7003	Bike F	rame, Carbon Fil	ber				Send E-mail
Std UOM:	EA	Period	d Duration: We	ek	IN	lUnit: USO	08	Rebuild
Status:	Current	Week	starts on: Frid	Jay				Dispatch
<ul> <li>Summary</li> </ul>	1							-
Week 1 - i	7 VVeek 8 - 10							
		02/15/2008	02/22/2008	02/29/2008	03/07/2008	03/14/2008	03/21/2008	03/28/2008
Actual Requ	ired Qty	<u>0.0000</u>	<u>120.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>
Additional Q	ty Since Build	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Previous Re	quired Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Previous Ap	proved Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Current Req	juired Qty	<u>0.0000</u>	<u>120.0000</u>	0.0000	<u>0.0000</u>	<u>0.0000</u>	0.0000	<u>0.0000</u>

#### Quantities contain planned orders

<ul> <li>Comments</li> </ul>		
Scheduler's Comment:	you already have a PO for 100, but we are going to need an additional 20	Edit Comments



#### **Scheduler**

Purchasing > Supplier Schedules > Scheduler's Workbench

Dispatch S	chedule Options			
Vendor ID:	SCM0000004	Location: MAIN	include PO Data 🗹 🛛 Week star	t <b>s on:</b> Friday
Item ID:	FR7003	Bike Frame, Carbon Fiber		
Dispatch Me	thod:	Dispatch Email Address:	mike.lizio@oracle.com	< >
Other	chedule 🔲	Scheduler Email Address:	peoplesoft@peoplesoft.com	× ×
ОК	Cancel			



### Collaborative Planning Schedules Scheduler

#### Purchasing > Supplier Schedules > Scheduler's Workbench

Selection <u>C</u> r	iteria <u>L</u> ist	Summa	עז					_
Vendor ID:	SCM0000004	ERNIE	S BIKE SHOP		L	.ocation: MAI	N	
item ID:	FR7003	Bike F	rame, Carbon Fi	ber				Send E-mail
Std UOM:	EA	Perio	d Duration: We	ek	IN	Unit: USO	08	Rebuild
Status:	Dispatched	Week	starts on: Fri	day				
- Summary	,							1
Week 1 - i	7 Veek 8 - 10							
		02/15/2008	02/22/2008	02/29/2008	03/07/2008	03/14/2008	03/21/2008	03/28/2008
Actual Requ	ired Qty	<u>0.0000</u>	<u>120.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>
Additional Q	ty Since Build	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Previous Re	quired Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Previous Ap	proved Qty	0.0000	0.0000	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	0.0000
Additional Q Approved	ty Since	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Current Req	uired Qty	0.0000	<u>120.0000</u>	0.0000	0.0000	<u>0.0000</u>	0.0000	0.0000

#### Quantities contain planned orders

Comments		
Scheduler's Comment:	you already have a PO for 100, but we are going to need an additional 20	Edit Comments



#### **Collaborative Planning Schedules** Supplier Email

🖂 Supplier Schedule Collaboration - Message (Plain Text)	
Eile Edit View Insert Format Tools Actions Help	
🗄 🕰 Reply   🖓 Reply to All   🚔 Forward   🋃 🥼   😼   🤻   🍅   🎦 🗙   🔺 🔹 🗸 🖓   🖓 🖡	
· · A B I U ≡ ≣ ⊒ ⊟ E ₽ ₽ .	
From: SMTP-USER_us@oracle.com	Sent: Fri 2/15/2008 4:13 PM
To: mike.lizio@oracle.com	
Cc:	
Subject: Supplier Schedule Collaboration	
Please review/approve the following collaborative schedule(s).	~
Number of schedule(s): 1	
Click on the following URL to access schedule(s):	
http://pfas016.peoplesoft.com:8001/psp/e900p21nt/SUPPLIER/ERP/c/ROLE VENDOR.PO SS CON	LLSCH WB.GBL?
Action=U&ViaEmail=Y&VENDOR SETID=SHARE&VENDOR ID=SCM0000004&VNDR LOC=MAIN&SETID=SHARE	L&INV ITEM ID=FR7003
&BUSINESS UNIT IN=US008	



Supplier Recently Dispatched Schedules pagelet

<u>Item ID</u>	Group	<u>Dispatched</u> <u>Date/Time</u>	<u>Status</u>
FR7003		02/15/2008 2:13:22PM	New
	BRAKES	06/12/2003 4:14:28PM	New
FR7002		04/13/2001 9:16:02AM	New



#### **Supplier**

#### Manage Supply > Approve Schedules

Return to Vendor List

Approve Schedules
Filter Options
ERNIE'S BIKE SHOP
Enter search criteria and click on Search. Leave blank for all values.
Search Criteria
Maintain Current Schedules           Show new schedules only
View Past Schedules From: To:
*Period Duration: Week 💌
Filter
Inventory Business Unit:
Category: Group:
Vendor Item ID:
Item ID: Check Schedule Priority:
UOM to View Quantities: Vendor Default UOM 💌
Show Schedules with Capacity Violations only
Pre-Load Capacity/Flex data
Search Determination (a)

ORACLE
• Manage Supply > Approve Schedules

#### **Approve Schedules**

#### Schedule/Item List

ERNIE'S BIKE SHOP

Set filter options Return to Vendor List

					Customize   Find   View A				
Schedules Details IIII									
<u>Item ID</u>	Group	<u>Description</u>	Dispatched Date/Time	<u>Status</u>	Vendor Location				
<u>FR7003</u>		Bike Frame, Carbon Fiber	02/15/2008_2:13:22PM	New	MAIN				
	BRAKES	Bike Brakes	06/12/2003 4:14:28PM	New	MAIN				
<u>FR7002</u>		Bike Frame, Aluminium	04/13/2001 9:16:02AM	New	MAIN				

#### **Supplier**

#### Manage Supply > Approve Schedules

#### Item Summary

ERNIE'S BIKE SHOP

Item ID: FR7003 Bike Frame, Carbon Fiber Location: MAIN Ship To: COLORADO BIKE MFG/OUTDOOR Send E-mail Status: New Schedule Return to Schedule List Approve Qty's Shown in: Vendor Default UOM EA Period Duration: Week Week starts on: Fridav

Review/Update your Pending Approval Quantity and then click the Approve button to send your response.

<ul> <li>Summary</li> </ul>							*
Week 1 - 7 Veek 8 - 10							
	02/15/2008	02/22/2008	02/29/2008	03/07/2008	03/14/2008	03/21/2008	03/28/2008
Previous Required Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Previous Approved Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Additional Qty Since Approved	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Current Required Qty	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pending Approval Qty	0.0000	<u>120.0000</u>	0.0000	0.0000	0.0000	0.0000	0.0000
Shortage/Overage	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Short/Over Rolling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

#### Quantities contain planned orders

▼ Comments		
		1
Scheduler's	you already have a PO for 100, but we are going to need an additional 20	Edit Comments
Comment:	<u> </u>	
Supplier's		
Comment:		

Disclaimer: Schedule forecast is not a commitment to buy.



#### Manage Supply > Approve Schedules

<ul> <li>Summary</li> </ul>							*			
Week 1 - 7 Week 8 - 10 -										
	02/15/2008	02/22/2008	02/29/2008	03/07/2008	03/14/2008	03/21/2008	03/28/2008			
Previous Required Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
Previous Approved Qty	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	0.0000	0.0000			
Additional Qty Since Approved	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
Current Required Qty	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
Pending Approval Qty	0.0000	<u>120.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	0.0000	0.0000			
Shortage/Overage	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
Short/Over Rolling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			

Quantities contain planned orders

🔻 ltem Detail	- Pending Approval	Qty						
Start Date:	02/22/2008 I I Qty/UOM Columns	End Date:	02/28/2008 Period Duration: V			tion: Week	📢 🕨 🛛 Update	
Date (Otry D	Customize   Find   View All   🖬 First 🗹 1-2 of 2 🕨 Last							
Date/Qty D						Current		
<u>Туре</u>	<u>PO No.</u>	<u>Original Due</u> <u>Date</u>	<u>Original</u> Due Time	<u>*Due Date</u>	<u>Time Due</u>	<u>Vendor</u> <u>Quantity</u>	<u>Revised Vendor</u> Quantity	
Existing	0000000205	02/25/2008		02 <mark>/</mark> 25/2008 🛐		100.0000 EA	100.0000 EA	
New		02/28/2008	10:00AM	02/28/2008 🛐	10:00:00AM	20.0000 EA	20.0000 EA	
Add								



• Manage Supply > Approve Schedules

🔻 ltem Detail	- Pending Approva	l Qty							
Start Date:	Start Date: 02/22/2008 End Date:			02/28/2008 Period Durat			📢 🕨 Update		
Date/Qty D	etails PO Details				<u>Customize</u>	e   <u>Find</u>   View All   🏙	First 🔳 1-2 of 2 🕩 Last		
<u>Туре</u>	<u>PO No.</u>	<u>Original Due</u> <u>Date</u>	<u>Original</u> <u>Due Time</u>	<u>*Due Date</u>	<u>Time Due</u>	<u>Current</u> <u>Vendor</u> Quantity	<u>Revised Vendor</u> <u>Quantity</u>		
Existing	0000000205	02/25/2008		02/25/2008 🛐		100.0000 EA	100.0000 EA		
New		02/28/2008	10:00AM	02/28/2008 🛐	10:00:00AM	20.0000 EA	15.0000 EA		
Add									
<ul> <li>Comments</li> </ul>	;								
Scheduler's you already have a PO for 100, but we are going to need an additional 20									
Supplier's Comment:	I can only give you	can only give you 15 on that date and then I can give you the other five later							



• Manage Supply > Approve Schedules

Quantitie	es conta	ain planne	ed orders							
🔻 ltem	Detail -	Pendin	g Approval Qty 👘							
Start Date:       02/29/2008       End Date:       03/06/2008       Period Duration:       Week       Update         Show Std Qty/UOM Columns       Show Order Qty/UOM Columns								Update		
Date	Customize   Find   View All   First I of 1 Last									
<u>Type</u>	PO N	<u>o.</u>	Original Due Date	<u>Original Due</u> <u>Time</u>	<u>*Due Date</u>	Time Due	<u>Current Vendor</u> <u>Quantity</u>	Revised Vendor Quantity		
New			02/29/2008	12:00AM	02/29/2008 🛐	12:00:00AM	0.0000 EA	5  EA		
Add										



Manage Supply > Approve Schedules

<ul> <li>Summary</li> </ul>							*
Week 1 - 7 Week 8 - 10							
	02/15/2008	02/22/2008	02/29/2008	03/07/2008	03/14/2008	03/21/2008	03/28/2008
Previous Required Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Previous Approved Qty	0.0000	<u>0.0000</u>	0.0000	0.0000	0.0000	0.0000	0.0000
Additional Qty Since Approved	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Current Required Qty	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pending Approval Qty	<u>0.0000</u>	<u>115.0000</u>	<u>5.0000</u>	<u>0.0000</u>	0.0000	0.0000	0.0000
Shortage/Overage	0.0000	-5.0000	5.0000	0.0000	0.0000	0.0000	0.0000
Short/Over Rolling	0.0000	-5.0000	0.0000	0.0000	0.0000	0.0000	0.0000

• Manage Supply > Approve Schedules

Approve Schedules

**Approval Confirmation** 



The approval is successful.

Approved schedule for Bike Frame, Carbon Fiber item (FR7003) from 02/15/2008 through 04/24/2008. An e-mail notification has been sent to peoplesoft@peoplesoft.com.

ОK



• Manage Supply > Approve Schedules

#### **Approve Schedules**

#### Schedule/Item List

ERNIE'S BIKE SHOP

#### Set filter options Return to Vendor List

					<u>Customize</u>   <u>Find</u>   View
Schedules	 s 💷				
<u>Item ID</u>	<u>Group</u>	<u>Description</u>	Dispatched Date/Time	<u>Status</u>	Vendor Location
FR7003		Bike Frame, Carbon Fiber	02/15/2008 2:13:22PM	Supplier Approved	MAIN
	BRAKES	Bike Brakes	06/12/2003 4:14:28PM	New	MAIN
FR7002		Bike Frame, Aluminium	04/13/2001 9:16:02AM	New	MAIN



• Purchasing > Supplier Schedules > Scheduler's Workbench

Selection <u>C</u> riteria	List									
Customize   Find   View All										
<u>Item ID</u>	Group	<u>Status</u>	<u>Apply</u>	<u>Status Date/Time</u>	<u>IN Unit</u>	<u>Vendor ID</u>	<u>Vendor Name</u>	<u>Vendor</u> Location		
	BRAKES	Dispatched		06/12/2003 4:14PM		SCM0000004	ERNIE'S-001	MAIN		
FR7001		Current		01/26/2007 2:03PM	US008	SCM0000004	ERNIE'S-001	MAIN		
FR7002		Dispatched		04/13/2001 9:16AM	US008	SCM0000004	ERNIE'S-001	MAIN		
<u>FR7003</u>		Supplier Approved	<u>Apply</u>	02/15/2008 2:26PM	US008	SCM0000004	ERNIE'S-001	MAIN		



#### Purchasing > Supplier Schedules > Scheduler's Workbench

Selection <u>C</u> r	iteria <u>L</u> ist	Summary			
Vendor ID:	SCM0000004	ERNIE'S BIKE SHOP	Location:	MAIN	
item ID:	FR7003	Bike Frame, Carbon Fiber			Send E-mail
Std UOM:	EA	Period Duration: Week	IN Unit:	US008	Rebuild
Status:	Approved	Week starts on: Friday	Approved Date/Time:	02/15/2008 2:26:40PM	

This schedule has been approved by the supplier. Use the Apply link in the List tab to apply any desired changes.

<ul> <li>Summary</li> </ul>							
Week 1 - 7 Veek 8 - 10							
	02/15/2008	02/22/2008	02/29/2008	03/07/2008	03/14/2008	03/21/2008	03/28/2008
Actual Required Qty	<u>0.0000</u>	<u>120.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>
Additional Qty Since Build	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Previous Required Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Previous Approved Qty	0.0000	0.0000	<u>0.0000</u>	0.0000	0.0000	0.0000	0.0000
Current Required Qty	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Current Approved Qty	<u>0.0000</u>	<u>115.0000</u>	<u>5.0000</u>	<u>0.0000</u>	0.0000	<u>0.0000</u>	0.0000
Shortage/Overage	0.0000	-5.0000	5.0000	0.0000	0.0000	0.0000	0.0000
Short/Over Rolling	0.0000	-5.0000	0.0000	0.0000	0.0000	0.0000	0.0000

#### Quantities contain planned orders

Comments		
Scheduler's Comment:	you already have a PO for 100, but we are going to need an additional 20	Edit Comments
Supplier's Comment:	I can only give you 15 on that date and then I can give you the other five later 🔗	

#### ORACLE

#### • Purchasing > Supplier Schedules > Scheduler's Workbench

Selection <u>C</u> r	iteria <u>L</u> ist	Summary			
Vendor ID:	SCM0000004	ERNIE'S BIKE SHOP	Location:	MAIN	
Item ID:	FR7003	Bike Frame, Carbon Fiber			Send E-mail
Std UOM:	EA	Period Duration: Week	IN Unit:	US008	Update
Status:	Approved	Week starts on: Friday	Approved Date/Time:	02/15/2008 2:26:40PM	

Review/Update ALL Proposed Apply Quantities from your supplier then click the Update button to update actual planned quantities.

▼ Summary												
Week 1 - 7	Week 8 - 10											
		02/15/2008	02/22/2008	02/29/2008	03/07/2008	03/14/2008	03/21/2008	03/28/2008				
Actual Required G	Qty	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000				
Current Approved	Qty	0.0000	115.0000	5.0000	0.0000	0.0000	0.0000	0.0000				
Proposed Apply Q	)ty	<u>0.0000</u>	<u>115.0000</u>	<u>5.0000</u>	0.0000	0.0000	0.0000	<u>0.0000</u>				
Actual Shortage/O	)verage	0.0000	-5.0000	5.0000	0.0000	0.0000	0.0000	0.0000				
Actual Short/Over	Rolling	0.0000	-5.0000	0.0000	0.0000	0.0000	0.0000	0.0000				

Quantities contain planned orders

View Schedule

Comments		
Scheduler's Comment:	you already have a PO for 100, but we are going to need an additional 20	Edit Comments
Supplier's Comment:	I can only give you 15 on that date and then I can give you the other five later	

ORACLE

#### • Purchasing > Supplier Schedules > Scheduler's Workbench

Selection <u>C</u> ri	iteria <u>L</u> ist	Summary			
Vendor ID:	SCM0000004	ERNIE'S BIKE SHOP	Location:	MAIN	
item ID:	FR7003	Bike Frame, Carbon Fiber			Send E-mail
Std UOM:	EA	Period Duration: Week	IN Unit:	US008	Rebuild
Status:	Approved	Week starts on: Friday	Approved Date/Time:	02/15/2008 2:26:40PM	

This schedule has been approved by the supplier. Use the Apply link in the List tab to apply any desired changes.

▼ Summary							
Week 1 - 7 Week 8 - 10							
	02/15/2008	02/22/2008	02/29/2008	03/07/2008	03/14/2008	03/21/2008	03/28/2008
Actual Required Qty	<u>0.0000</u>	<u>115.0000</u>	<u>5.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>
Additional Qty Since Build	0.0000	-5.0000	5.0000	0.0000	0.0000	0.0000	0.0000
Previous Required Qty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Previous Approved Qty	<u>0.0000</u>	0.0000	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>
Current Required Qty	0.0000	120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Current Approved Qty	<u>0.0000</u>	<u>115.0000</u>	<u>5.0000</u>	0.0000	0.0000	0.0000	0.0000
Shortage/Overage	0.0000	-5.0000	5.0000	0.0000	0.0000	0.0000	0.0000
Short/Over Rolling	0.0000	-5.0000	0.0000	0.0000	0.0000	0.0000	0.0000



#### **Scheduler**

• Supply Planning

<u>S</u> earch	Pu	rchasing	Messages							
Approv	<u>'e All</u>	Rese	et Approval							
Message S Details	Summai s T [	r <b>y</b> Dates/Time:	s	dor 🕇	<u>S</u> tatus	Τu	<u>Customiz</u> nit/Buyer	<u>e   Find</u>   Vie Strategic S	w All   🛗 First 🗹 1-2 Sourcing D 🖽	2 of 2 🕑 Last
Approved	<u>Type</u>	<u>Unit</u>	PO ID	Line	<u>Schedule</u> <u>Number</u>		<u>Item ID</u>		Description	
<b>~</b>	New	US008		1	1	sta 🎦	FR7003		Bike Frame, Carbon Fik	er
	New	US008		1	1		FR7003		Bike Frame, Carbon Fik	er

🖃 Save



#### **Scheduler**

• Supply Planning

<u>S</u> earch	Purch	asing Message
Approv	<u>e All</u>	Reset Approv
Approv	<u>'e All</u>	Reset Approv

Message S	Summa	ry						Customize   Find   View All   🏙 First 🗹 1-21				
<u>D</u> etails		Dates/Tim	nes 🍸	<u>Q</u> uantity/V	endor 🍸	<u>S</u> tatus	Unit/Buy	yer 🍸	Strategi	ic Sourcing 🍸	Inventory <u>Pegging</u>	
Approved	Туре	<u>Unit</u>	<u>PO ID</u>		<u>Line</u>	<u>Schedule</u> Number	<u>Release</u> Date	<u>Releas</u> Time	e	<u>Original Due</u> Date	<u>Original Time</u> Due	<u>Due Date</u>
<b>V</b>	New	US008		_	1	1	02/18/2008	10:00:0	DOAM			02/28/2008
	New	US008			1	1	02/19/2008	12:00:0	DOAM			02/29/2008



• Supply Planning

Message S Details	Summa	<b>Γy</b> Dates/Time	s 🕇 Quantity/Ve	endor	<u>S</u> tatus	Unit/B	uyer 🍸 S	Strategic	Customize   Find   Sourcing   Inventor	View All   🛄 First y <u>Pegging 🍸 C</u> onfigura	1-2 of 2
Approved	Туре	<u>Unit</u>	<u>PO ID</u>	Line	<u>Schedule</u> <u>Number</u>	<u>Order</u> Quantity	<u>Standard</u> <u>UOM</u>	<u>Spot</u> Buy	<u>Vendor ID</u>	Vendor Name	Location
	New	US008		1	1	15.0000	EA		SCM0000004 🔍	ERNIE'S-001	MAIN Q
	New	US008		1	1	5.0000	EA		SCM0000004 🔍	ERNIE'S-001	MAIN



• Purchasing > Supplier Schedules > Dispatch Schedules

Dispatch Schee	dule						
Run Control ID: Language:	1 English			R	eport Manager	Process Monito	nr Run
Create By:	💽 ltem	🔵 Group					
SetID:	SHARE 🔍	ltem ID:			Q	Previe	w Schedule
IN Unit:	Q	Category:			Q		
Vendor SetID:	SHARE 🔍	Vendor ID:	SCM000	0004 🔍	Locati	on: MAIN	Q
Scheduler Emai	il Address:	peoplesoft@	peoplesoft.	com			
Schedules to b	e dispatched			Customiz	<u>ce   Find</u>   View All	🐮 🛛 First 🗹 1	of 1 🕩 Last
tem ID	<u>U</u> etalis	Group	<u>IN Unit</u>	<u>Vendor</u> <u>SetID</u>	<u>Vendor Name</u>		<u>Location</u>
Dienateh Daran	notore						
Method:	neter 3	Email Ac	ldress:				
CEmail	• Othe Schedule	r					~
	Scheudie						

🗐 Save 🛛 🔍 Return to Search 🛛 🔚 Notify





• Purchasing > Supplier Schedules > Delete Schedules

Delete Past Se	chedules					
Run Control ID: Language:	1 English	*	Reg	oort Manager	Process Monitor	Run
Create By:	💽 Item	🔘 Group				
SetID:	SHARE 🔍	item ID:		Q		
IN Unit:	Q					
Vendor SetID:	SHARE 🔍	Vendor ID:	SCM0000004 🔍	Location:	MAIN	
Cleanup Param	eters - Based o	on the Create D	ate/Time of the Sche	edule		
Delete schedu	les older than	0 days	Earlier than:	11/09/2007		

ORACLE



## **Inventory Balances**



## **Consignment Inventory Notification**



ORACLE

# Supplier consigns inventory to you

 Your supplier owns and maintains inventory for you at your location. They want to know your inventory position so they can keep you supplied



ORACLE

# Supplier consigns inventory to you

- With the Remaining Quantity Balances pagelet, the inventory position of any item you want your supplier to have visibility to can be shared.
- Using the portal, the supplier can react to your inventory balances.
- Combined with collaborative planning schedules, the supplier can know your current inventory level and your future requirements WITHOUT calling you



## **Review Inventory Quantity Balances Supplier**

Manage Supply > View Inventory Qty Balances

View Invento	ory Quantity	Balances	i						
ltem Repl	enishme	nt Detai	ls			Returr			
Unit: Chivas			Chivas						
ltem ID:	tem ID: CONSIGNED			Vendor Item ID:					
Consigned Ite	m								
Quantity Availa	ble:	1000.0000	Qty Owned k	y Vendor:	500.0000				
Qty On Hand:		1000.0000							
Repelinshmer	nt								
Replenish Clas	s:								
Replenish Calc	Period (Days)	:		Replenish Lead (Da	ays):	2.00			
Reorder Point:			100.0000	Reorder Quantity:	100	0.0000			
Maximum Qua	ntity:			Safety Stock:					
Last Annual Demand:			Economic Order						
Desired Stock-In Probability:			%	Quantity:					



### **Review Inventory Quantity Balances** Supplier

Remaining Quantity Balance Pagelet







# **KANBAN Requests**



## **KANBAN Requests**





#### You wish to send KANBANs to your supplier Supplier

 With the KANBAN requests pagelet, as you dispatch KANBAN purchase orders, the requirements appear in the supplier's portal.

#### **View Kanban Requests**

Armstrong, Inc.

*Show Status:	Dispatched	*Sort By:	Date/Time Dispatched		
Kanban ID	Status	ltem ID	Description	Vendor Qty UOM	Ship To
KBI00000000010	Bispatched	WHEEL	Wheel Tire, 700x23	100.0000 EA	COLORADO BIKE MFG/OUTDOOR
KBI00000000010	2 Dispatched	WHEEL	Wheel Tire, 700x23	100.0000 EA	COLORADO BIKE MFG/OUTDOOR
KBI00000000010	4 Dispatched	WHEEL	Wheel Tire, 700x23	100.0000 EA	COLORADO BIKE MFG/OUTDOOR
KBI00000000010	1 Dispatched	WHEEL	Wheel Tire, 700x23	100.0000 EA	COLORADO BIKE MFG/OUTDOOR
KBI00000000011	<u>6</u> Dispatched	WHEEL	Wheel Tire, 700x23	100.0000 EA	COLORADO BIKE MFG/OUTDOOR
<u>квіооороооо11</u>	<u>5</u> Dispatched	WHEEL	Wheel Tire, 700x23	100.0000 EA	COLORADO BIKE MFG/OUTDOOR
View All	View Unread				



## **Review KANBAN Requests** Supplier

• Manage Supply > View KANBAN Request

#### Vendor Kanban Request Details

Vendor Location:	MAIN					
Kanban ID:	KB100000	000001	04			
Item ID:	WHEEL					
	Wheel Ti	re, 700x	23		1	LT5002
Storage Area:	SA	AIS1	ROW1	BIN1		
WIP RPL Status:	Dispatch	ed				
Vendor Qty:	100.0000	)	EA			
Creation Datetime:	06/27/2000 11:24AM					
Date Time Dispatched:	07/24/20	PM				
Date/Time Completed:						
Return						





# **Collaborative Supply Management Foundation**



- Item / Vendor Information
- Schedule Groups (optional)
  - Can be used to group like items
  - Capacity
    - Defines the vendor's capacity during a period of time
  - Flex
    - Defines the fixed and firm periods for the vendor and what might constitute a 'violation'



#### Schedule Groups (optional)

Menu Purchasing Requisitions Request for Quotes Procurement Contracts Vendor Rebates Purchase Orders Receipts Receipts Putendor	^	Item/Busines SetID: *Std UOM:	SHARE	Cap Grou	pacity p:	Flex BRAKES Buver/Planner:	VMI Item Default	Sch	- edule Item
Procurement Cards		*Description:	Bike Bra	kes		-	]		
	≡	Vendors					J Fied L\/ieuw_0.0	First 🗐 4	af d 🕑 Loot
<ul> <li>Schedule Group</li> <li><u>Schedule Item Attributes</u></li> <li><u>Scheduler's Workbench</u></li> <li><u>Build Schedules</u></li> <li>Dispatch Schedules</li> </ul>		SetID: S	HARE Items	Ve	ndor ID:	SCM0000004	Location: N	MAIN	+
- Delete Schedules		Items				Customize	Find   View All   🛗	First 🛃 1-3 of	з 🗈 Last
D Analyze Procurement Neventory		ttem/BU	<mark>∫ D</mark> e	tails			· ·		
<ul> <li>Procurement</li> <li>Services Procurement</li> </ul>		<u>Item ID</u>			<u>Busine:</u> <u>Unit</u>	<u>ss</u> Descriptio	<u>n</u>		
▷ Sourcing		LT3002			US008	Brakes, Si	ugishita Road Caliper	s	+ -
D Engineering D Manufacturing Definitions		LT3003			US008	Brakes, S	ugishita Mountain Cali	pers	+ -
Production Control		LT3004			US008	Brakes, C	ampani		+ -
<ul> <li>▷ Configuration Modeler</li> <li>▷ Product Configurations</li> <li>▷ Quality</li> <li>▷ Demand Planning</li> </ul>		Save 🔎	Return to	Search		otify		Add Jau	odate/Display

#### Schedule Groups (optional)

Item/Busi	iness Unit 👔	Capacity	Flex				
SetID:	SHARE	Group:	BRAKES	*Std UOM:	EA	Each	
Vendors				<u>Find</u>   \	/iew All	First 🖪 1 of	1 🕑 Last
SetID:	SHARE	Vendor ID:	SCM0000004	Location:	MAIN		+
Capacity	,		<u>Customize</u>	Find View All	📕 Firs	st 🖪 1-2 of 2	▶ <sub>Last</sub>
From Dat	<u>te</u>	<u>To Date</u>		Maximum Quar	<u>ntity</u>		
06/01/20	003 🛐	07/01/200	)3 🛐	800.0	0000	+	-
07/03/20	003 🛐	01/01/200	)4 🛐	5000.0	0000	+	Ξ
Save Return to Search Notify							

ORACLE

#### Schedule Groups (optional)

Item/Bus	siness Unit 🍸	Capacity	Flex	
SetID:	SHARE	Group:	BRAKES	
Vendors				Find   View All 🛛 First 🗹 1 of 1 🕨 Last
SetID:	SHARE	Vendor ID:	SCM0000	004 Location: MAIN
Fix Attri	butes			Firm Attributes
Fixed F	ence Days:	7		Firm Fence Days: 14
🗹 Use	e Upside %	Percent:		Use Upside % Percent: 10.00
🗹 Use	e Downside %	Percent:		Use Downside % Percent: 10.00
Check	Fix Tolerance:	sby: Day	~	Check Firm Tolerances by: Range
🗹 Set	to Approve			Set to Approve
🗹 Set	Status to Firn	ı		Set Status to Firm
🗹 Set	to Frozen			Set to Frozen
🖶 Save	Return to	Search 🔄 No	otify	E+Add JUpdate/Display

ORACLE

- Schedule Item Information (if not using groups)
  - Assign things like the Schedule Priority, Buyer/Planner, if it will be vendor managed
  - Capacity
    - Defines the vendor's capacity during a period of time
  - Flex
    - Defines the fixed and firm periods for the vendor and what might constitute a 'violation'



#### Schedule Item Information (if not using groups)





# Summary



# PeopleSoft Collaborative Supply Management Capabilities - Summary

- Collaborative Planning Schedules
  - Share current purchase plans with your suppliers BEFORE a PO is created
- Inventory Quantity Balances
  - Especially useful for consigned inventory to see current balances
- KANBAN Requests
  - Notify suppliers of requirements through automated KANBAN messages




## Where to Get More Information



## **For More Information**

## Additional Sources of information

- PeopleBooks
  - Collaborative Supply Management
  - Supply Chain Portal Pack
  - eSupplier Connection
- Oracle.com
  - http://www.oracle.com/applications/peoplesoft/srm/ent/mo dule/collab\_supply\_mgmt.html





