



“How To...” Guide

Inter-site Transfers

Table of Contents

OVERVIEW	2
SETUP	2
DEFINE TRANSFER SITES AS A BUSINESS PARTNER.....	2
INTER-COMPANIES.....	3
ACCOUNTING CODE SETUP FOR IN-TRANSIT INVENTORY	3
ACCOUNTING CODE LINES.....	4
GL ACCOUNTS.....	4
AUTOMATIC JOURNAL SETUP	6
FUNCTIONAL	9
PURCHASE ORDER PROCESSING	9
<i>Create a purchase order for site 1 (D12)</i>	9
<i>Automatic sales order generation for site 2 (P12)</i>	9
<i>Sales and Purchase Inquiries</i>	10
SALES ORDER SHIPPING	11
<i>Stock Inquiry</i>	12
<i>Journal Inquiry</i>	13
PURCHASE ORDER RECEIVING	13
<i>Stock Inquiry</i>	13
<i>Journal Inquiry</i>	14

Overview

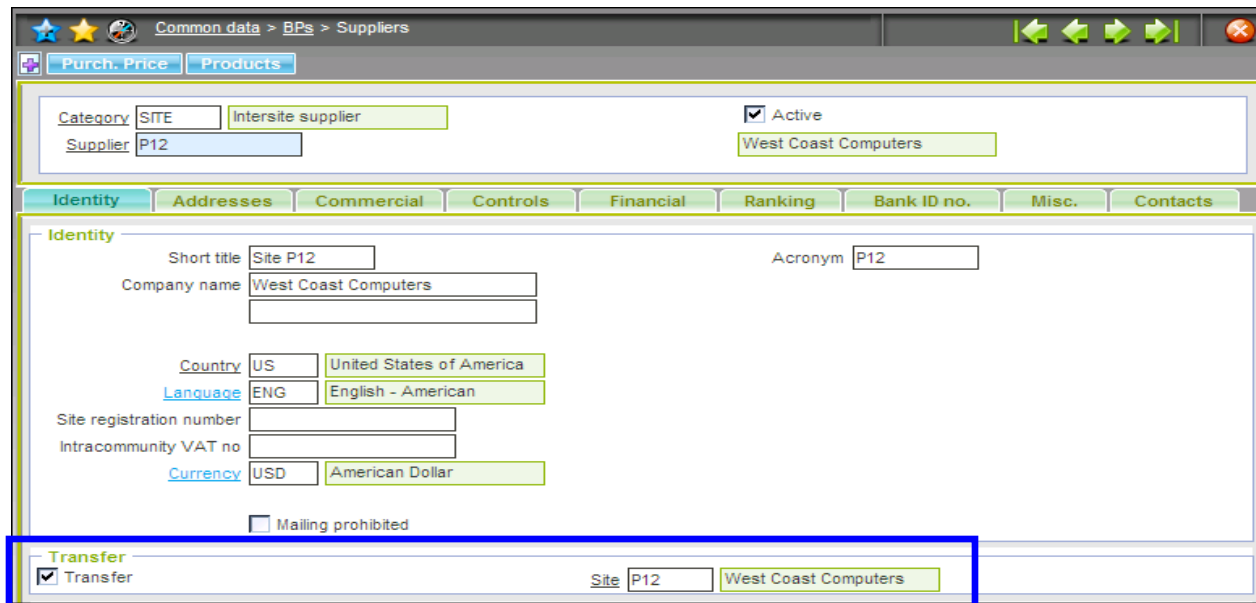
The Sage X3 inter-site transfer functionality where purchase orders and sales orders are created, requires adjustments to the accounting setup in order to properly account for an in-transit GL account. This document addresses the accounting setup associated with transfers made between one site creating a purchase order for the transfer of goods and another site producing the sales order to ship out the goods.

This document does not address the simple 1 step inter-site transfer where only a transfer slip is required. The 1 step inter-site transfer is done through the Inventory menu using function GESSIS, inter-site transfers.

Setup

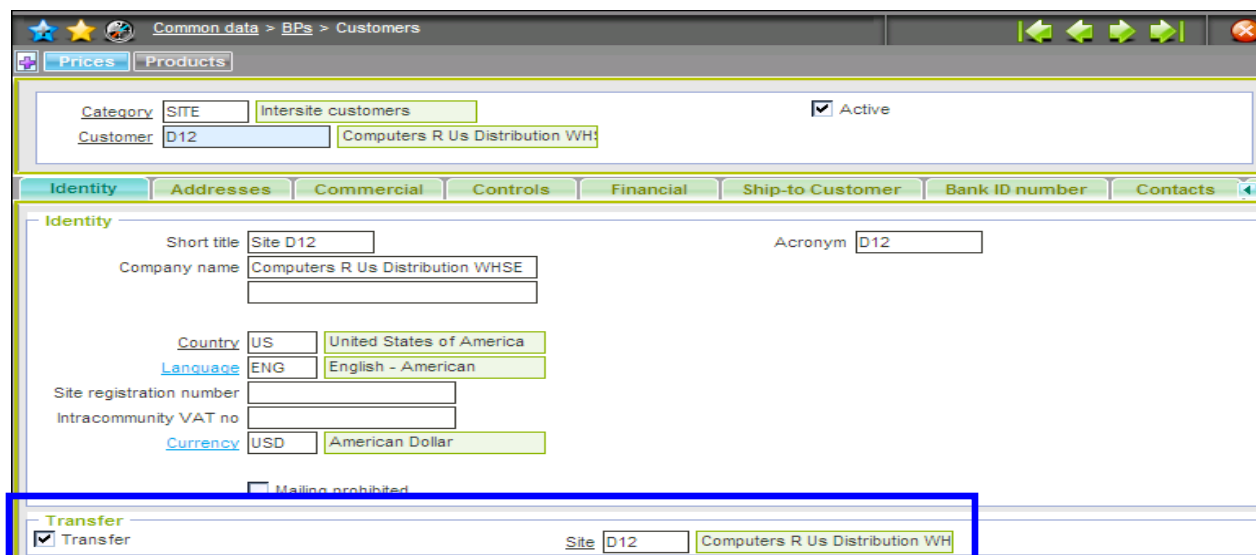
Define Transfer Sites as a Business Partner

The sites that are to be used in the transfer process must be defined as a supplier or customer.



The screenshot shows the Sage X3 'Suppliers' form for 'Site P12'. The 'Transfer' checkbox is checked, and the 'Site' is set to 'P12' and 'West Coast Computers'. The 'Identity' section includes fields for Short title, Company name, Country, Language, Site registration number, Intracommunity VAT no, and Currency.

Category	SITE	Intersite supplier	<input checked="" type="checkbox"/> Active
Supplier	P12		West Coast Computers
Identity			
Short title	Site P12	Acronym	P12
Company name	West Coast Computers		
Country	US	United States of America	
Language	ENG	English - American	
Site registration number			
Intracommunity VAT no			
Currency	USD	American Dollar	
<input type="checkbox"/> Mailing prohibited			
Transfer			
<input checked="" type="checkbox"/> Transfer	Site	P12	West Coast Computers



The screenshot shows the Sage X3 'Customers' form for 'Site D12'. The 'Transfer' checkbox is checked, and the 'Site' is set to 'D12' and 'Computers R Us Distribution WHSE'. The 'Identity' section includes fields for Short title, Company name, Country, Language, Site registration number, Intracommunity VAT no, and Currency.

Category	SITE	Intersite customers	<input checked="" type="checkbox"/> Active
Customer	D12	Computers R Us Distribution WHSE	
Identity			
Short title	Site D12	Acronym	D12
Company name	Computers R Us Distribution WHSE		
Country	US	United States of America	
Language	ENG	English - American	
Site registration number			
Intracommunity VAT no			
Currency	USD	American Dollar	
<input type="checkbox"/> Mailing prohibited			
Transfer			
<input checked="" type="checkbox"/> Transfer	Site	D12	Computers R Us Distribution WHSE

Inter-companies

The Inter-companies function allows documents to be automatically created during the transfer process. For example, when the purchase order is created against Site 1, the sales order can automatically be generated for site 2 instead of the user manually creating the sales order and linking it to the purchase order.

Important Notes: The example below shows a site to site transfer. A transfer can also be set up between different companies and based on site or company groups. If a group is desired, the Site/company group function must first be setup prior to defining the inter-companies rules.

For additional details, please select **Shift F1** for on-line function help.

Automatic flow								
Type	Origin Co/Grp	Origin Site/Grp	Document	Dest Co/G...	Dest Site/Grp	Document	Authorization	Invoicing Elements
1 Inter-site	010	D12	Purchase Order	010	P12	Sales Order	Yes	Sales

The invoicing elements in this case will be based on the sales setup, i.e. customer and price rules. If purchasing was selected, the invoicing elements would be based on the purchase order.

If the automatic creation of documents is not needed, this setup step maybe skipped.

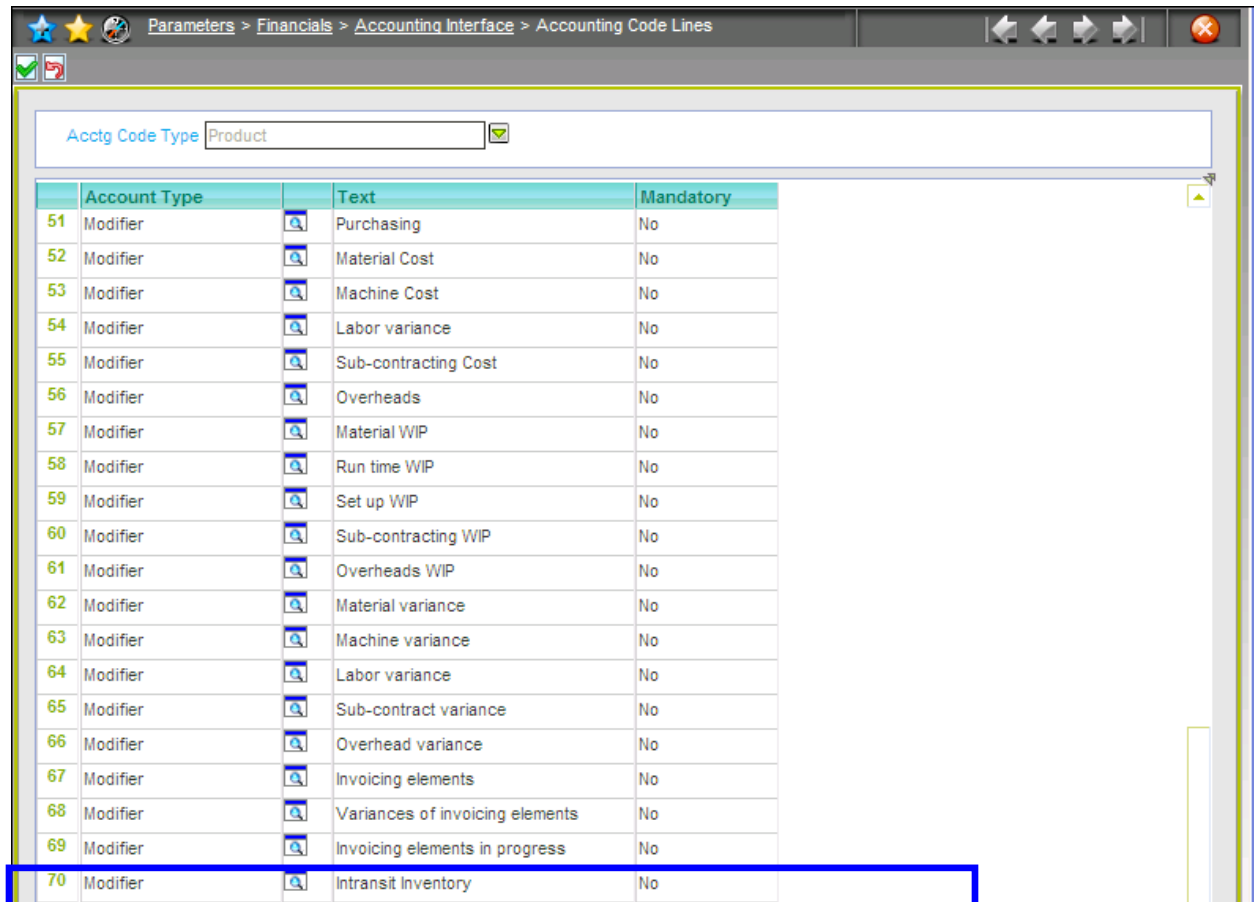
Accounting code setup for In-transit Inventory

A new accounting code line needs to be added to hold the In-transit inventory account. First, a new line must be created for in-transit inventory under local menu 853.

Num...	Co...	Message
147	147	Grant to receive
148	148	Reversal of special reevaluation provision
149	149	Depreciation charge for operating impairment loss
150	150	Reversal of provisions for operating impairment loss
151	151	Special revaluation provision
152	152	Invoicing elements
153	153	Variances of invoicing elements
154	154	Invoicing elements in progress
155	155	Profit amount on FA sale
156	156	Loss amount on FA sale
157	157	Profit amount on FA disaster
158	158	Loss amount on FA disaster
159	159	Profit amount on other reasons for FA disposal
160	160	Loss amount on other reasons for FA disposal
161	161	Disposal of FAs for breakage
162	162	Intransit Inventory

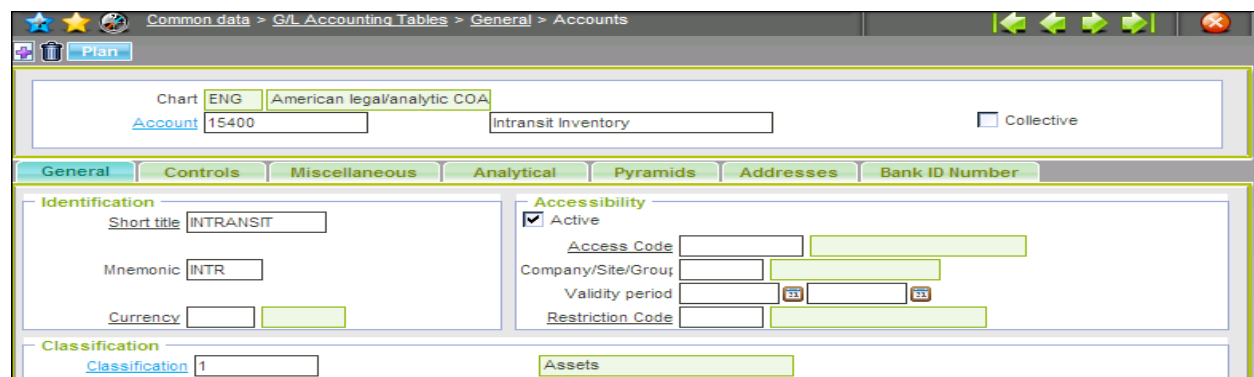
Accounting Code Lines

Next, specify the **Accounting Code Type** that will use the In-transit inventory account. This setup is done through the Accounting Code Lines function. To find the appropriate translation from the previous step, click the magnifier option.



GL Accounts

If you do not have a GL account already defined, one should be setup through the GL Account maintenance function.



Accounting Codes

Each accounting code that is involved in the transfer process must be setup to point to the appropriate GL account. The example below shows the finished goods accounting code.

Parameters > Financials > Accounting Interface > Accounting Codes

Copy

Type: Product
 Description: Finished Goods
 Short title: FG
 Code: FG

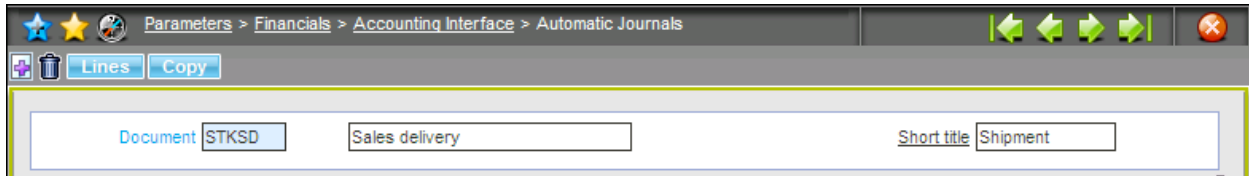
	Account Type	Description	Mand...	Leg./Ana USA
53	Modifier	Machine Cost	No	
54	Modifier	Labor variance	No	
55	Modifier	Sub-contracting Cost	No	
56	Modifier	Overheads	No	
57	Modifier	Material WIP	No	
58	Modifier	Run time WIP	No	
59	Modifier	Set up WIP	No	
60	Modifier	Sub-contracting WIP	No	
61	Modifier	Overheads WIP	No	
62	Modifier	Material variance	No	
63	Modifier	Machine variance	No	
64	Modifier	Labor variance	No	
65	Modifier	Sub-contract variance	No	
66	Modifier	Overhead variance	No	
67	Modifier	Invoicing elements	No	
68	Modifier	Variances of invoicing elements	No	
69	Modifier	Invoicing elements in progress	No	
70	Modifier	Intransit Inventory	No	15400

Automatic Journal setup

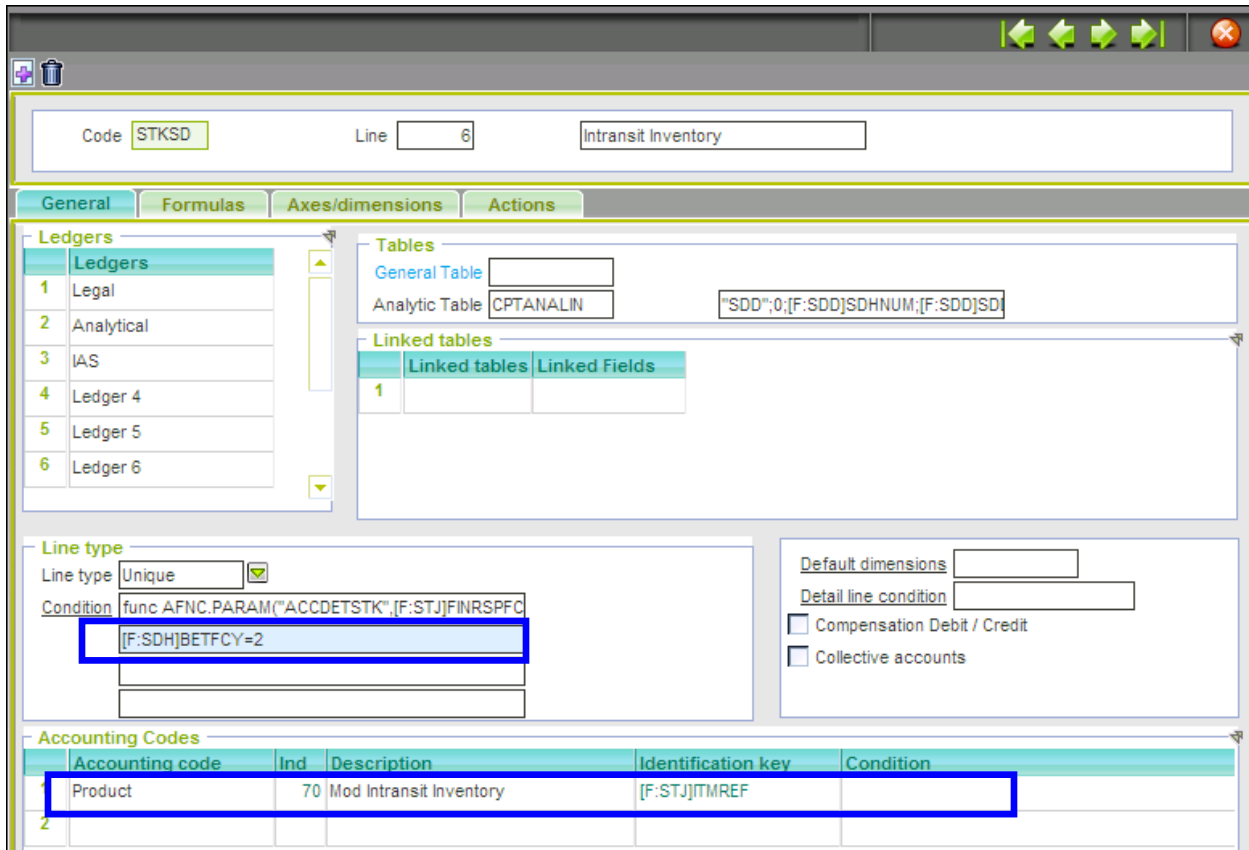
The following automatic journal setup is required to both the shipping automatic journal (STKSD) and the receiving automatic journal (STKRE). If custom automatic journals are used for shipping or receiving, please be sure to update the custom auto journals that are applicable.

STKSD – Sales Delivery Automatic Journal

Modify the Sales Delivery automatic journal to have conditional logic based on a transfer BP.



Use Line 3 as a base to create the In-transit Inventory line 6. Add the conditional below, [F:SDH]BETFCY=2 and point the line to the in-transit inventory accounting code. The formula tab can remain the same as line 3. The BETFCY signifies an inter-site BP is being used.



On all the other lines where func AFNC.PARAM("ACCDSTK",[F:STJ]FINRSPFCY)="2", add the conditional [F:SDH]BETFCY<>2. In the standard N.A. folders, this will be Line 3, 4, and 5.

Code: STKSD Line: 5 Goods shipped not invoiced

General Formulas Axes/dimensions Actions

Ledgers

1	Legal
2	Analytical
3	IAS
4	Ledger 4
5	Ledger 5
6	Ledger 6

Tables

General Table: []
 Analytic Table: CPTANALIN ["SDD";0:[F:SDD]SDHNUM:[F:SDD]SD]

Linked tables

1	Linked tables	Linked Fields

Line type: Unique

Condition: func AFNC.PARAM("ACCDSTK",[F:STJ]FINRSPFCY)="2"
 [F:SDH]BETFCY<>2

Default dimensions: []
 Detail line condition: []
 Compensation Debit / Credit
 Collective accounts

STKRE – Purchase Receipt Automatic Journal

Modify the Purchase Receipt automatic journal to have conditional logic based on receiving a shipment (Intersite).

Parameters > Financials > Accounting Interface > Automatic Journals

Document: STKRE Purchase receipt Short title: Purch receipt

Use Line 7 as a base to create the In-transit Inventory line 9. Add the conditional logic below, [F:STJ]VCRTYPORI = 4 and point the line to the in-transit inventory accounting code. On the formula tab, be sure the amount field matches the Inventory line. The VCRTYPORI =4 signifies the source document is a shipment for the transfer.

Code: STKRE Line: 9 Intransit Inventory

General Formulas Axes/dimensions Actions

Ledgers

1	Legal
2	Analytical
3	IAS
4	Ledger 4
5	Ledger 5
6	Ledger 6

Tables

General Table: []
 Analytic Table: CPTANALIN ["PTD";0:[F:PTD]PTHNUM:[F:PTD]PTD]

Linked tables

1	Linked tables	Linked Fields

Line type: Unique

Condition: func AFNC.PARAM("ACCDSTK",[F:STJ]FINRSPFCY)="2"
 [F:STJ]VCRTYPORI = 4

Default dimensions: []
 Detail line condition: []
 Compensation Debit / Credit
 Collective accounts

Accounting Codes

Accounting code	Ind	Description	Identification key	Condition
1	Product	70 Mod Intransit Inventory	[F:STJ]ITMREF	

Code Line

General Formulas Axes/dimensions Actions

Formulas

Line	Description	Formula
1		[F:STJ]FINRSPFCY
2	Account Legal	
3	Account Analytical	
4	Account IAS	
5	Account Ledger 4	
6	Account Ledger 5	
7	Account Ledger 6	
8	Account Ledger 7	
9	Account Ledger 8	
10	Account Ledger 9	
11	Account Ledger 10	
12	Business Partners	
13	Account	var2([F:STJ]VARVAL)

On all the other lines where func AFNC.PARAM("ACCDSTK",[F:STJ]FINRSPFCY)="2", add the conditional [F:STJ]VCRTYPORI <> 4. The exception is the inventory line since you want to affect inventory. In the standard N.A. folders, this will be Line 7 & 8.

Code Line

General Formulas Axes/dimensions Actions

Ledgers

Line	Ledger
1	Legal
2	Analytical
3	IAS
4	Ledger 4
5	Ledger 5
6	Ledger 6

Tables

General Table

Analytic Table

Linked tables

Line	Linked tables	Linked Fields
1		

Line type

Line type

Condition

Default dimensions

Detail line condition

Compensation Debit / Credit

Collective accounts

Functional

Purchase Order Processing

Create a purchase order for site 1 (D12)

Site 1 (D12) creates a purchase order to request inventory from site 2 (P12). Based on the intercompany setup, a sales order for site P12 is automatically created. The receiving site will be D12.

Purchasing > Orders > Orders

Close

Purchasing Site: D12 Site: D12

Order: P00000274

Supplier: P12

Transfer

Inter-company:

Order Date: 02/07/11

West Coast Computers

Controls | Lines | Total | Misc. | Documents

Pay-to Supplier: P12 West Coast Computers CORP1

Pay-to: P12 West Coast Computers CORP1

Reference: []

Payment Terms: NET30

Buyer: ADMIN System Administrator

Currency: USD US Dollar

Rate type: Daily Rate

Tax Rule: NTX No Tax

Invoicing Site: D12 Computers R Us Distribution WH

Carrier: []

Shipping Mode: []

Receipt site D12

Automatic sales order generation for site 2 (P12)

Purchasing > Orders > Orders

Next error

02/07/11 18:05:30 (ADMIN) Budget Update (Purchase Request/Orders)	
1	Automatic generation of sales order
2	Source Purchase Order P00000274
3	Create Sales Order
4	Order SO0000258 Created! Customer D12
5	
6	Normal End of Log File 02/07/11 18:05:32
7	

A review of the sales order shows SO0000258 created for customer D12. Site P12 will ship out the inventory to D12. At this time, inventory has not been shipped or received; only the orders have been created.

Sales > Orders > Orders

Allocation Preparation Delivery Invoice Pro Forma Close Hold/Release

Sales Site: P12 Type: 100 Normal Number: SO0000258 0
 Reference: PO0000274 Date: 02/07/11
 Sold-to: D12 Computers R Us Distribution WH Currency: USD

Controls Delivery Invoicing Lines Misc. Documents

Bill-to: D12 Computers R Us Distribution WH
 Paying BP: D12 Computers R Us Distribution WH
 Group Customer: D12 Computers R Us Distribution WH
 Ship-to Address: CORP1 Computers R Us Distribution WH

Project: Sales Rep:

Cancellation reas: Tax Rule: NTX No Tax Currency: USD US Dollar
 Ex tax Tax incl.

Order State: Open Allocation Status: Not Allocated
 Shipment Status: Not Shipped Invoice Status: Not Invoiced
 Credit Status: OK Hold Status:

Acknowledgment Pri Transfer Inter-company

The shipping site is P12:

Sales Site: P12 Type: 100 Normal
 Reference: PO0000274
 Sold-to: D12 Computers R Us Distribution WH

Controls Delivery Invoicing Lines Misc. Documents

Shipping Site: P12 Site P12

Sales and Purchase Inquiries

To view any outstanding inter-site transfer orders that have not been shipped or received, the following inquiries can be used.

List of Orders (Sales & Purchasing) – This inquiry can be setup to only show orders that are linked or will be linked to purchase orders by selecting only the purchase order criteria. If you know the customer site, you can further reduce the list of orders.

Order Number	Customer	Date	Reference	Category	Valuation ex Tax	Valuation Tax incl.	Curren...	Order State	Alloca
1 SO0000241	C2003	02/07/11		Normal	1,327.00	1,327.00	USD	Open	Not Allc
2 SO0000242	C2003	02/07/11		Normal	1,327.00	1,327.00	USD	Open	Not Allc
3 SO0000258	D12	02/07/11	PO0000274	Normal			USD	Open	Not Allc

From this inquiry, using the journal traceability option, you can further drill down into any additional activity against the sales order.

	Order Number	Customer	Date	Reference
1	SO0000241	C2003	02/07/11	
2	SO0000242	C2003	02/07/11	
3	SO0000258	D12	02/07/11	PO0000274
4	Order SO0000258			
	Sales journal traceability			

Order Number	Supplier	Date	Total -Tax	Invoice Total	Curren...	Payment Terms	Prepayment Iss...	Deducted Prepay...	Purchasir
1 PO0000274	P12	02/07/11	1,080.00	1,080.00	USD	NET30			D12
2									

Sales Order Shipping

The next step in the process is to allocate and ship out the inventory to site D12. This can be done using the standard allocation and shipping processes. After shipping the inventory, a debit to intransit and a credit to inventory will occur.

Sales > Inquiries > Orders > List of orders

Search Criteria Back Next Last

Selection
 Company: 010 CRUS Sales Site: P12 Site P12
 Customer: Date: 02/07/11 Date: 02/07/11

Currencies
 Company: USD Folder: USD

Normal Closed
 Loan Not Closed
 Direct Invoicing

Page 1

Order Number	Customer	Date	Reference	Category	Valuation e...	Valuation Tax incl.	Curren...	Order State	Allocation Status	Shipment Status	Invoi
1	SO0000241	C2003	02/07/11		Normal	1,327.00	1,327.00 USD	Open	Not Allocated	Not Shipped	Not In
2	SO0000242	C2003	02/07/11		Normal	1,327.00	1,327.00 USD	Open	Not Allocated	Not Shipped	Not In
3	SO0000258	D12	02/07/11	PO0000274	Normal		USD	Closed	Not Allocated	Shipped	Not In
4											

Sales > Inquiries > Sales journal traceability

Detail

Sign: Forward
 Document Type: Order
 Document no.: SO0000258
 Order Status: Closed
 Line: 0
 Shipment Status: Shipped

Traceability

- SO0000258 Order 02/07/11 P12 D12 Computers R Us Distribution WH
- PIC0000093 Picking ticket 02/07/11 D12 Computers R Us Distribution WH
- SH0000112 Delivery 02/15/11 P12 D12 Computers R Us Distribution WH

Stock Inquiry

The stock inquiry shows 60 are in-transit from shipping site P12 to receiving site D12. A transfer order is created on the receiving site. On the shipping site, a firm sales order shows the 60 that have been transferred.

Inventory > Inquiries > Inventory > Projected Stock

Search Criteria Back Next Last

Site: D12 Computers R Us Distribution WH
 Product: LD1 Lisa's product EA

Projected Stock

Current
 Total internal stock: 1013
 Total stock waiting put-aw:
 Total loan stock:
 Total sub-contract stock:
 Total: 1013

Total allocated:
 Firm Horizon:
 Demand Horizon:

Detail stock situation

Description	Value
1 Internal Stock 'A'	1013
2 In-transit	120
3 On reorder	124
4	

Projected Stock

Order	Order Type	Status	date	End date	Planned	Remaining	Quantity Allocated	Projected	Project	Document	BP	Document Type
1	TRF	Transfer Order	Firm	2011	02/07/2011	60	60		1073	PO0000274	P12	Purchase Order
2	TRF	Transfer Order	Firm	2011	02/07/2011	60	60		1133	PO0000275	P12	Purchase Order

Description	Value
1 Internal Stock 'A'	1880
2 Transferred	120
3	

Order	Order Type	Status	Site	Start date	End date	Planned	Remaining	Quantity Allocated	Projected	Project	Document	BP	Doc	
1	SOF	Customer Order	Firm	P12	02/07/2011	02/07/2011	60	60	60	1880		SO0000258	D12	Sale

Journal Inquiry

On the accounting side, a journal is created that shows a credit to inventory and a debit to in-transit inventory.

Date	Document no.	Site	Account	Line Description	Reference debit	Reference credit	Curr.	Prd Type	Sls Channel	Projects	Machine	Source Doc
02/07/11	STKP121100052	P12	15300	Inventory		1,080.00	USD					SH0000112
02/07/11	STKP121100052	P12	15400	Intransit	1,080.00		USD					SH0000112

Purchase Order Receiving

Once the inventory has been shipped out of the shipping site and sent to the receiving site, the original purchase order request must be received in. To do this, select the shipment against the correct shipping site. In this example, the shipping site is P12.

Order	Line	Product	Std Description	Unit	Quantity	PUR	S
1	PO0000274	1000	LD1	Lisa's product	EA	60	EA

Once inventory has been received into receiving site, D12, the transfer will be complete and in-transit will be zero.

Stock Inquiry

The stock inquiry shows 0 is now in-transit between shipping site P12 and receiving site D12. The Transfer order has also been completed and no longer appears.

Inventory > Inquiries > Inventory > Projected Stock

Search Criteria Back Next Last

Site: D12 Computers R Us Distribution WH
 Product: LD1 Lisa's product EA

Projected Stock

Current

Total internal stock: 1133
 Total stock waiting put-aw:
 Total loan stock:
 Total sub-contract stock:
 Total: 1133

Total allocated:
 Firm Horizon:
 Demand Horizon:

Detail stock situation

Description	Value
1 Internal Stock 'A'	1133
2 On reorder	4
3	

Projected Stock

Order	Order Type	Status	Site	Start date	End date	Planned	Remaining	Quantity Allocated	Projected	Project	Docu
1	POF>	Supplier Order	Firm	D12	01/24/2011	01/24/2011	5	2		1135	PO00
2	POF>	Supplier Order	Firm	D12	01/25/2011	01/25/2011	5	2		1137	PO00
3											

Inventory > Inquiries > Inventory > Stock by Site Report

Search Criteria Back Next Last Stock by Unit Stock by Status Data management

Selections

Site: D12 Computers R Us Distribution WH
 Product: LD1 Lisa's product
 Quantity Type: Physical qty

'A' Statuses
 'Q' Statuses
 'R' Statuses
 Detail by status

Stock Manager: Managed
 Product Status: Active
 Stocking unit: EA
 Total: No

Stock by Site

Site	Description	Stock sub-contra...	Allocated internal	Allocated sub-contract	Stat	Detail shortage	In-transit	Transferred	Pending Issues	BP Stock
1	D12	Site D12			*					
2										

Inventory > Inquiries > Inventory > Stock by Site Report

Search Criteria Back Next Last Stock by Unit Stock by Status Data management

Selections

Site: P12 West Coast Computers
 Product: LD1 Lisa's product
 Quantity Type: Physical qty

'A' Statuses
 'Q' Statuses
 'R' Statuses
 Detail by status

Stock Manager: Managed
 Product Status: Active
 Stocking unit: EA
 Total: No

Stock by Site

Site	Description	Stock sub-contra...	Allocated internal	Allocated sub-contract	Stat	Detail shortage	In-transit	Transferred	Pending Issues	BP Stock
1	P12	Site P12			*					
2										

Journal Inquiry

On the accounting side, a journal is created that shows a debit to inventory and a credit to in-transit inventory. In-transit now has a balance of zero.

Financials > Inquiries > Entries													
Search Criteria Back Next Last													
Company / Site 010 D12				Chart of account ENG American legal/analytic COA									
Ledger type Legal				Dates 02/07/11 02/07/11									
Reference currency USD US Dollar													
Document													
	Date	Document no.	Account	Line Description	Reference debit	Reference credit	Curr.	Depart...	Prd T...	Sls Chann...	Projects	Machine	Source Docu
1	02/07/11	STKD121100057	15300	Inventory	1,080.00		USD						REC0000092
2	02/07/11	STKD121100057	15400	REC0000092/1000		1,080.00	USD						REC0000092