



**DS0635**

**Purchasing Date Automation**



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## Problem Definition

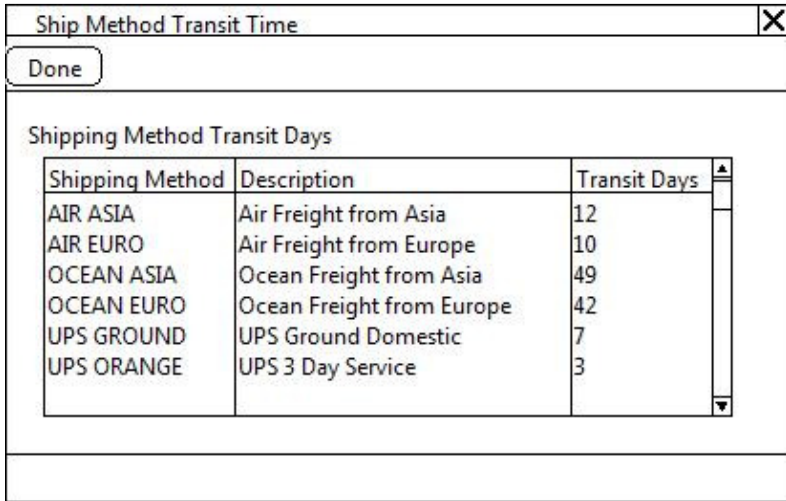
<b><i>Problem Definition</i></b>	<b>CCDA</b>
<p>ACME Co's Purchasing department procures material both domestically and internationally. They require the ability to update the Purchasing Line Item's Required Date and have the system automatically update the Promised Ship Date and Promised Arrival Date. The date calculations should be calculated based on the Ship Method selected.</p>	



## Solution Overview

<b><i>Solution Overview</i></b>	<b>CCDA</b>
Please see the Design Features section below.	

## Design Features

<b>Ship Method Transit Time</b>		<b>CCDA</b>																					
<p><b>Navigation: Setup→Purchasing→Ship Method Transit Time</b></p> <p>This window is used to enter and maintain Transit Days per Ship Method.</p> <div data-bbox="338 573 1119 1070" data-label="Image">  <table border="1"> <thead> <tr> <th>Shipping Method</th> <th>Description</th> <th>Transit Days</th> </tr> </thead> <tbody> <tr> <td>AIR ASIA</td> <td>Air Freight from Asia</td> <td>12</td> </tr> <tr> <td>AIR EURO</td> <td>Air Freight from Europe</td> <td>10</td> </tr> <tr> <td>OCEAN ASIA</td> <td>Ocean Freight from Asia</td> <td>49</td> </tr> <tr> <td>OCEAN EURO</td> <td>Ocean Freight from Europe</td> <td>42</td> </tr> <tr> <td>UPS GROUND</td> <td>UPS Ground Domestic</td> <td>7</td> </tr> <tr> <td>UPS ORANGE</td> <td>UPS 3 Day Service</td> <td>3</td> </tr> </tbody> </table> </div>		Shipping Method	Description	Transit Days	AIR ASIA	Air Freight from Asia	12	AIR EURO	Air Freight from Europe	10	OCEAN ASIA	Ocean Freight from Asia	49	OCEAN EURO	Ocean Freight from Europe	42	UPS GROUND	UPS Ground Domestic	7	UPS ORANGE	UPS 3 Day Service	3	
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## Purchase Order - Purchasing Item Detail Entry

CCDA

**Navigation: Transactions→Purchasing→Purchasing Order Entry → Line Item Blue Expansion Arrow**

The Purchasing Item Detail Entry window will be modified to change the following Purchasing Line Dates:

- Required Date → Requested Arrival Date
- Current Promised Date → Promised Arrival Date

**Purchasing Item Detail Entry**  
 File Edit Tools View Options Additional Help Debug sa Fabrikam, Inc. 4/12/2017

Save Delete

Line	Item	U of M	Quantity Ordered	Unit Cost
1	PHON-ATT-53BK	Each	1	\$90.25
	Cordless-Attractive 5352-Black	WAREHOUSE	0	\$90.25
Purchase Order Subtotal				\$90.25

Drop-Ship Account: 000 -2735 -00  
 Vendor Item: ATT-53BK  
 Vendor Description: Cordless-Attractive 5352-Black

**In-House Dates:**  
 Required Date: 4/10/2014  
 First Receipt Date: 0/0/0000  
 Release By Date: 4/10/2014

**Vendor Dates:**  
 Current Promised Date: 4/17/2017  
 Original Promised Date: 4/17/2017  
 Promised Ship Date: 4/10/2014

Shipping Method: DROP SHIP  
 Ship To Address ID: PRIMARY  
 Item Tax Option: Nontaxable  
 Calculated Tax: \$0.00

Line Item Status: Released    Origin: Manual

The enhancement will automatically set each Purchase Order Line's Promised Ship Date and Promised Arrival Date in the following manner:

1. Promised Ship Date = Requested Arrival Date – Transit Days from Shipping Method
2. Promised Arrival Date = Promised Ship Date + Transit Days from Ship Method

For example, if a user enters a PO Line with a Requested Arrival Date of June 15<sup>th</sup> and the Ship Method selected has a 10 day Transit Day set, the enhancement would calculate and set the dates as follows:

- Promised Ship Date = June 5<sup>th</sup>
- Promised Arrival Date = June 15<sup>th</sup>

If a user manually updates the Purchase Order Line's Promised Ship Date, the Promised Arrival Date will update. If a user manually updates the Purchase Order Line's Promised Arrival Date, the Promised Ship Date will update. If a user manually updates the Purchase Order Line's Shipping Method or Requested Arrival Date, both the Promised Ship Date and Promised Arrival Date will update.



<b><i>Assumptions/Requirements</i></b>	
<p>1. Purchase Orders are generated only through Manual Entry and Purchase Order Generator. PO's are NOT generated through the MRP module.</p>	