Opera 3 Landed Costs

Accreditation
Training Courseware

Pegasus Software Ltd
Opera 3 Accreditation Training Courseware

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Introduction

About Opera 3

Opera 3 is the most versatile and user-friendly accounting, supply chain management, payroll & HR, manufacturing and reporting solution from Pegasus Software. A modular solution, Opera 3 enables you to select the components that match your current business model, whilst making it possible to add further functionality as requirements change. This means that the capability or capacity of a system can be seamlessly expanded whilst safeguarding the investment.

For more information about Opera 3, select the Solutions link on the Pegasus web site.

About this Guide

This Accreditation Training Courseware offers an accompanying guide to the accreditation training course.

If you are new to Opera 3, read the Getting Started section of the Opera 3 Help that covers the application in more detail. You can access this from the Windows Start menu, or by using the F1 Key or Help menu when you have logged in to the product.

Opera 3 is available for both Visual FoxPro and SQL Server database platforms. This Accreditation Training Courseware applies to both database platforms, however, there are certain elements that are only included in one or the other database, and as such, the relevant sections or paragraphs are clearly identified with the following labels:

> **[SQL]** – only relevant if you are running the application on an SQL Server database.
>
> **[VFP]** – only relevant if you are running the application on a Visual FoxPro database.

Sections that are not identified with these labels are relevant to both database types.

For more information, see the section Functional Differences between Opera 3 Enterprise & Opera 3 Enterprise SQL section in the release guide.

Introducing the module

The Stock Control application now includes Stocktake, an inventory management application that helps you monitor your stock position and make corrections where the actual stock quantities in your stock locations are different to the quantities in Opera 3.

Landed costs are those additional costs - other than the unit price costs - that are incurred to get goods you purchase from your supplier to your premises, particularly for goods that are imported. The total cost of a landed shipment may include the purchase price, freight costs, insurance, and other costs. In some instances, it may also include the customs duties and other taxes that are levied on a shipment. Calculating the landed cost is critical in understanding what a product actually costs so that you can decide what it can be sold for.

Feedback

Pegasus is interested to hear your views on the documents we provide. To give your feedback, send an email to training@pegasus.co.uk. Please type “O3Training_Accreditation_SCM17LandedCostStockR1.0.docx Accreditation Training Courseware” in the subject box.

Please note that product support is not offered through the above email address.

Key

Icon	Meaning
Example – Examples	Useful Hint, Tip or Note. General Comments / Notes
	Useful Report obtained from clicking on the print icon while sitting on the form
	During the literature, some basic Question and Answer / Troubleshooting points are discussed. May include a few did you know…
	Website link
	Exercises / Example solution
	Report to XLS
	Potential Report Enhanced from Opera II (more than simple field adjustments)
Question *Answer* FAQ	FAQs - Only

Training Literature Releases

Release	Added Information
R1.0	Originating document – Introduced in O3 v1.30 and Chapters

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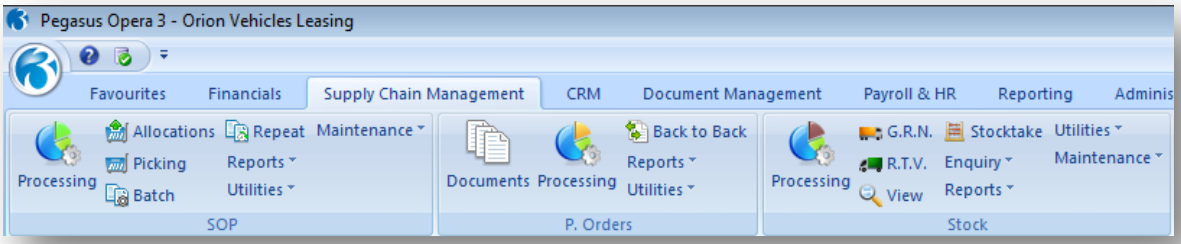
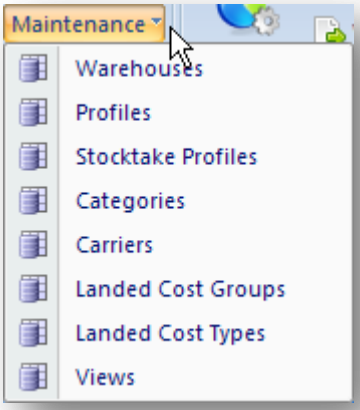
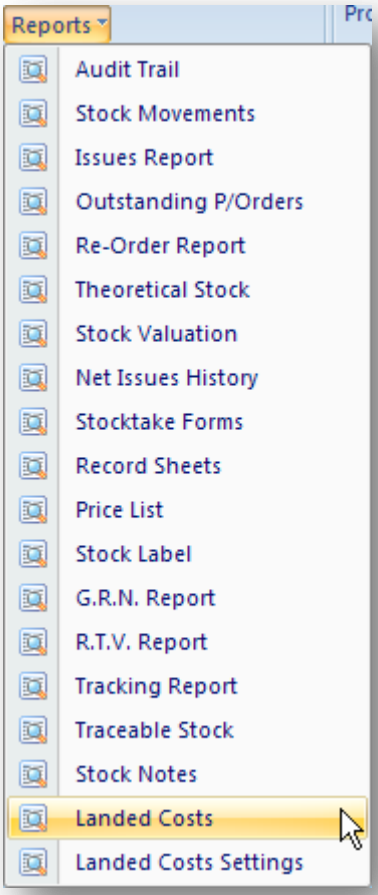
Module Menu Structure

The following sections will cover the functionality of the options in this module as outlined in the image below which shows each menu option contained in this module.







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Glossary (of Menu Structure)

Navigator Folder	Command	Purpose
Maintenance	Landed Cost Groups	Landed Cost Groups define groups for different types of landed costs. You can link Landed Cost Types to these groups so that you can view summary landed costs on the Landed Costs Report in Opera for different types of costs. For example, you may set up different Landed Cost Types for each type of freight costs you incur - road, sea and air - and then link them to a Landed Cost Group for freight. You can then view these costs grouped together.
	Landed Cost Types	Landed Cost Types define how landed costs are calculated for relevant stock items. Each type includes a code and description to help you recognise it when you use it in Opera. You also define a calculation method for each type; used to calculate the landed cost for a transaction. Up to four Landed Cost Types can be assigned to each item.
Reports	Landed Costs	This report can be used to help with the reconciliation of expected landed costs with actual landed costs charged. After establishing the variances between expected and actual costs you can then work out any loss or gain and post a journal to the Nominal Ledger as necessary. You can also use this report to monitor the recorded landed cost values or percentages on the Landed Cost Types you have set up and make amendments if necessary.
	Landed Costs Settings	The Landed Costs Settings report displays information about stock items that have Landed Cost Types assigned to them. The report displays the Landed Costs Types for each stock item, their default value, calculation method and also whether it is included in the aggregated cost calculation. The Landed Costs Types are grouped by Landed Costs Group if they are used.

Notes

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The Module

The Stock Control application includes Stocktake, an inventory management application that helps you monitor your stock position and make corrections where the actual stock quantities in your stock locations are different to the quantities in Opera 3. To use Stocktake the Stocktake box must be ticked on the Options tab of the System - Maintenance - Company Profiles form.

Doing stock takes is important so that your Opera 3 Stock Control application reflects the actual physical quantities in your stock locations. Accurate stock quantities in Opera 3 means that you can trust that the quantities displayed reflect the real stock position in your stock locations. If the actual stock is different to the stock quantities displayed in Opera 3, Stocktake can post a stock adjustment to Opera 3 for each item affected.

Stocktake works with all types of stock in Opera 3 - serial traceable, batch traceable and non traceable items.

Landed Costs

Landed costs are those additional costs - other than the unit price costs - that are incurred to get goods you purchase from your supplier to your premises, particularly for goods that are imported. The total cost of a landed shipment may include the purchase price, freight costs, insurance, and other costs. In some instances, it may also include the customs duties and other taxes that are levied on a shipment. Calculating the landed cost is critical in understanding what a product actually costs so that you can decide what it can be sold for.

If a stock item is subject to landed costs, when a stock receipt is posted both the unit cost and the landed cost are used to calculate the total cost of the receipt. This applies to all types of stock: Non FIFO, FIFO, and batch and serial traceable. The landed costs that are relevant for the stock item are set up on the Stock Control - Processing - Landed Costs form.

When the stock item is issued to a customer, the total cost (including both the unit cost price and the landed cost) is taken into account when margins are calculated. Where these costs are displayed in Opera, for example in these Sales Ledger forms: View, Sales Analysis, Sales History and these Sales Order Processing reports: Orders Listing, and Quotes and Proformas report, they include both the unit cost and the landed cost.

When landed costs are in use in Opera, you can do the following:

- Define each type of landed cost you need to record with default prices or percentages
- Group common types of landed costs together
- Apply relevant landed costs to each of your stock items with default prices or percentages. You can apply up to four Landed Cost Types to each stock item.
- Override these defaults when you post your stock receipt. Wherever transactions are posted in Opera for stock items that have landed costs applied to them, those costs are calculated and recorded along with the unit cost of the item.

Notes

- Include landed costs in your stock valuation and the calculation of your margins
- Enter a shipping reference whenever a stock receipt is posted. This provides an accurate link from the receipt of the stock item to the documentation related to the shipping of the item.
- Set up Balance Sheet, and Profit and Loss Report control accounts for landed costs in your Nominal Ledger
- Update your Nominal Ledger with landed costs when transactions are posted that include stock items which have landed costs applied to them
- View landed costs in various views and reports to present more accurate margins. Some views and reports display the landed costs separately, for example in Stock Control; others combine the unit cost and the landed costs, for example in Sales Ledger and Sales Order Processing.

If the landed costs are different when stock items are sourced from different suppliers, you can override the default costs when you post your stock receipt. For example, if you have two suppliers of an item - say one in China and another in India.

Note: The Landed Costs feature is not available in Opera II.

Landed Costs Report

The Landed Costs report displays the landed costs recorded when stock receipts were posted. You can sequence the report in different ways including by Landed Cost Type and Landed Cost Group.

This report can be used to help with the reconciliation of expected landed costs with actual landed costs charged. After establishing the variances between expected and actual costs you can then work out any loss or gain and post a journal to the Nominal Ledger as necessary. You can also use this report to monitor the recorded landed cost values or percentages on the Landed Cost Types you have set up and make amendments if necessary.

Notes

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1 Set-Up

1.1 Recommended Order of Set-up

It is suggested that you set up the System in the following order:

Landed Costs

- Switch on Landed Costs
- Set Up Landed Cost Groups
- Set Up Landed Cost Types
- Link Landed Cost Types to Stock Items
- Enter any valid values
- Start Processing as required

- NB: Utility may be used to assist in setting up the Landed Cost Types

Set-up

What version works with what?

FAQ

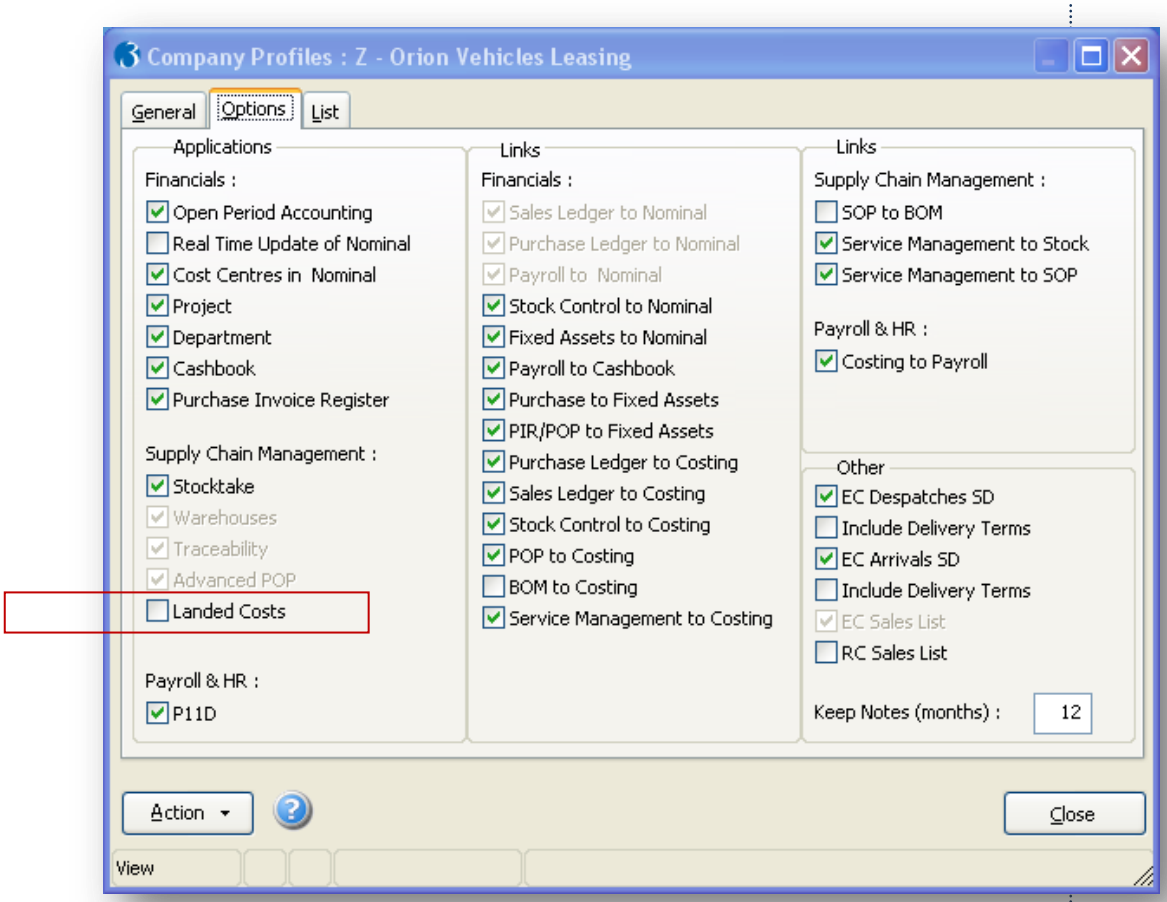
Opera 3 v 1.x to v1.2x will work with stocktake v1.00. Opera 3 v1.3x will work with stocktake v1.10.

If you upgrade to Opera 3 v1.30 you must upgrade Stocktake to v1.10

1.2 Company Profiles - Switch on to use Landed Costs

Notes

Access the Company Profiles Options tab to enable Landed Costs for that company.



Landed Costs	An option that determines whether landed costs are used in Opera. This is enabled only if you use the Stock Control and Purchase Order Processing applications. Landed costs are those additional costs - other than the unit price costs - that are incurred to get goods you purchase from your supplier to your premises, particularly for goods that are imported. The total cost of a landed shipment may include the purchase price, freight costs, insurance, and other costs. In some instances, it may also include the customs duties and other taxes that are levied on a shipment. Calculating the landed cost is critical in understanding what a product actually costs so that you can calculate what it can be sold for. Tips: 1. Before you tick this option make sure that all stock transactions are transferred to the Nominal Ledger. Use the Report Only option in the Nominal Ledger - Utilities - Stock Transfer command to first check whether there are transactions that need to transferred. Then use the Transfer and Report option if necessary. 2. After you tick this option and saved the company details the Nominal Ledger control accounts for landed costs on the Nominal Ledger - Utilities - Set Options form are updated with the control accounts that have already been set up for stock transactions. You should review the accounts and amend then as necessary. This feature is available in Opera 3 and Opera 3 SQL

(STEP 1: Switch On Landed Costs)

Notes

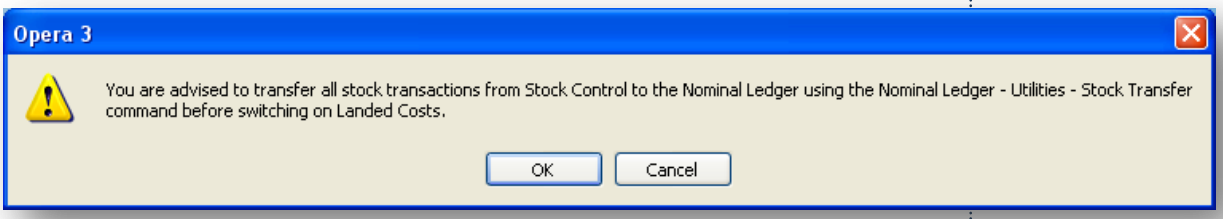
1. Open the System folder and click Maintenance or click the Administration tab on the Ribbon Bar and then click Maintenance.
2. Open the Company Profiles form.
3. Click the Options tab and then tick the Landed Costs option under Supply Chain Management.

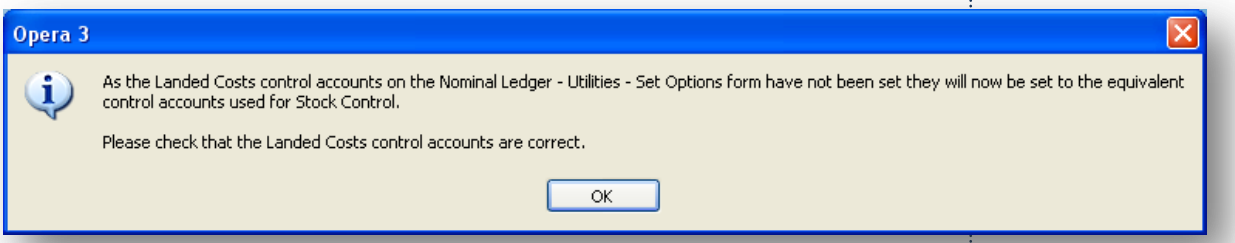
Tips:

I. Before you tick this option make sure that all stock transactions are transferred to the Nominal Ledger. Use the Report Only option in the Nominal Ledger - Utilities - Stock Transfer command to first check whether there are transactions that need to transferred. Then use the Transfer and Report option if necessary.

II. After you tick this option and save the company details the Nominal Ledger control accounts for landed costs on the Nominal Ledger - Utilities - Set Options form are updated with the control accounts that have already been set up for stock transactions. You should review the accounts and choose different ones if necessary.

4. To save the record, click the Save icon on the toolbar or press CTRL+S.
5. Click Close.





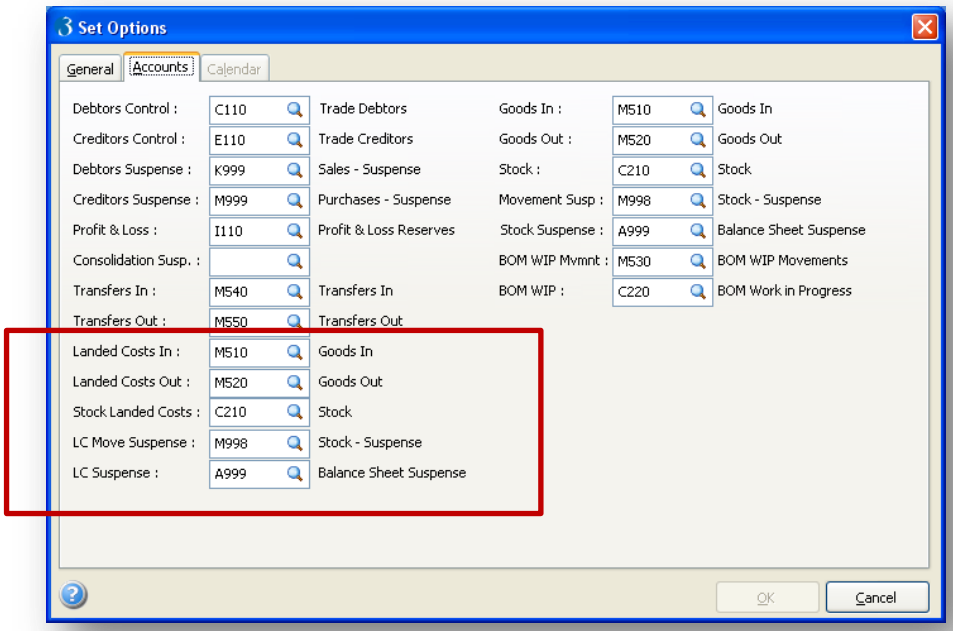
1.2.1 Verify Nominal Set Options

Accounts tab

Nominal accounts are defined in the Nominal - Maintenance - Accounts command. You can select nominal accounts from a list in each of the following fields. Each field should be updated with either Profit and Loss or Balance Sheet accounts. The help for each field explains which type you must use.

Some fields are only relevant if you use the Sales Ledger, Purchase Ledger, Stock, or Bill of Materials modules.

Notes



Box	Description
Landed Costs Control Accounts	These accounts are relevant if the Landed Costs option and the Stock Control to Nominal option on the System - Maintenance - Company Profiles form are selected. When the Landed Costs box on the Company Profiles form is first selected the Landed Cost Control Accounts are automatically aligned with these equivalent accounts for Stock Control: • Goods In = Landed Costs In • Goods Out = Landed Costs Out • Stock = Stock Landed Costs • Stock Susp P+L = Landed Costs Move Suspense • Stock Susp B/S = Landed Costs Suspense. You should review these accounts and assign different accounts if required.
Landed Costs In	A code that identifies the Nominal Ledger landed costs account for received stock items. This is the hierarchy that is used for the Landed Costs In account before it is used to update the Nominal Ledger: • If the Landed Cost Type that is linked to a stock item includes a Landed Costs In account, that account is used. • If the Landed Costs Group that is linked to a Landed Cost Type includes a Landed Costs In account, that account is used. • If neither the Landed Costs Group nor the Landed Cost Type for a stock item includes a Landed Costs In account, the default account on the Nominal Ledger - Utilities - Set Options form is used. **Important:** This reference should be defined as a Profit and Loss type account.
Landed Costs Out	A code that identifies the Nominal Ledger landed costs account for issued stock items. **Important:** This reference should be defined as a Profit and Loss type account.
Stock Landed Costs	A code that identifies the Nominal Ledger landed costs account for stock transactions that include landed costs. **Important:** This reference should be defined as a Balance Sheet type account.
Landed Costs Move Suspense	A code that identifies the Nominal Ledger landed costs suspense account for stock transactions that include landed costs. This account is used only if either the Landed Costs In or the Landed Costs Out Profit and Loss Report accounts cannot be found when the Nominal Ledger is updated. **Important:** This reference should be defined as a Profit and Loss type account.
Landed Costs Suspense	A code that identifies the Nominal Ledger landed costs suspense account for stock transactions that include landed costs. This account is used only if the Stock Landed Costs Balance Sheet account cannot be found when the Nominal Ledger is updated. **Important:** This reference should be defined as a Balance Sheet type account.

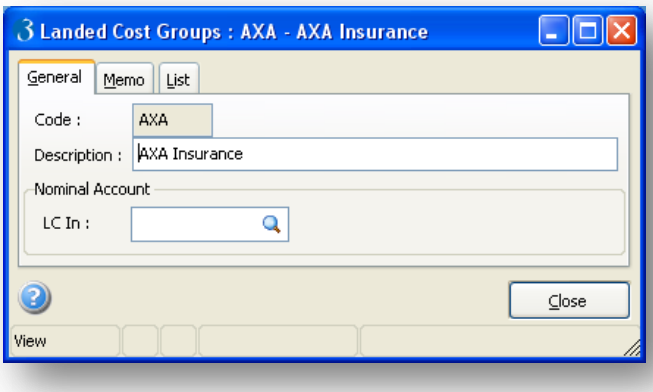
1.3 Create Landed Cost Groups

Notes

Users are not required To create Landed Cost Groups, however once they have created one record – they become mandatory (Optional until one record created – then mandatory).

Landed Cost Groups define groups for different types of landed costs. You can link Landed Cost Types to these groups so that you can view summary landed costs on the Landed Costs Report in Opera for different types of costs. For example, you may set up different Landed Cost Types for each type of freight costs you incur - road, sea and air - and then link them to a Landed Cost Group for *freight*. You can then view these costs grouped together.

Note: You do not have to define these groups. However, if you set up one or more groups, any new Landed Cost Types that you create must be allocated a group.



Tip: See the To Set Up Stock Control for Landed Costs Help topic for details on the steps that need to be followed to set up landed costs.

Box	Description
Code & Description	A reference and description to identify the Landed Cost Group in Opera. The code must be unique. **Tip**: Use a code that represents the type of landed cost you are setting up a group for, for example 'TR' for transport, or 'FR' for freight. Also, when you create the Landed Costs Types, use the group code as the type's prefix. For example 'TRA' for air transport costs, 'TRS' for sea transport costs, and 'TRR' for road transport costs.
LC In	A code that identifies the default Nominal Ledger landed costs account for received stock items. Only accounts with blank cost centres are allowed. This reference should be defined as a Profit and Loss type account. This is the hierarchy that is used for the Landed Costs In account before it is used to update the Nominal Ledger: • If the Landed Cost Type that is linked to a stock item includes a Landed Costs In account, that account is used. • If the Landed Costs Group that is linked to a Landed Cost Type includes a Landed Costs In account, that account is used. • If neither the Landed Costs Group nor the Landed Cost Type for a stock item includes a Landed Costs In account, the default account on the Nominal Ledger - Utilities - Set Options form is used. **Note:** This is only enabled if Stock Control is linked to the Nominal Ledger. This is controlled by an option on the System - Maintenance - Company Profiles form.

Note: This is an optional feature; you do not have to create these groups.

(STEP 2: Set Up Landed Cost Groups)

Notes

Landed Cost Groups define groups for different types of landed costs. You can link Landed Cost Types to these groups so that you can view summary landed costs on the Landed Costs Report in Opera for different types of costs. For example, you may set up different Landed Cost Types for each type of freight costs you incur - road, sea and air - and then link them to a Landed Cost Group for *freight*. You can then view these costs grouped together.

1. Open the Stock folder and then click Maintenance or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Maintenance.
2. Open the **Landed Cost Groups** form.
3. Create the groups you need:
   a. To create a new record, click the New icon on the toolbar or press CTRL+N.
   b. Enter the group's details.
   c. To save the record, click the Save icon on the toolbar or press CTRL+S.

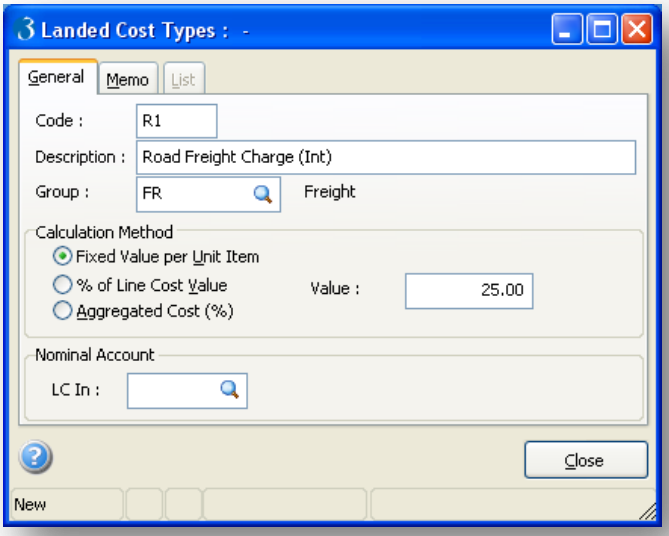
   Note: After you have created one or more groups, they are mandatory.
4. Follow instruction 3 for each Landed Cost Group you need to create. After creating the groups, click Close.

1.4 Set Up Landed Cost Types

Landed Cost Types define how landed costs are calculated for relevant stock items. Each type includes a code and description to help you recognise it when you use it in Opera. You also define a calculation method for each type; used to calculate the landed cost for a transaction. Up to four Landed Cost Types can be assigned to each item.

After you have created these types you need to allocate one or more of them to each stock item for which landed costs need to be calculated. This is done from the Stock Control - Processing - Landed Costs form.

Tip: See the To Set Up Stock Control for Landed Costs Help topic for details on the steps that need to be followed to set up landed costs.



Notes

Box	Description
Code & Description	A reference and description to identify the Landed Cost Type in Opera. The code must be unique. **Tip:** Use a code that represents the type of landed cost you are setting up. For example 'TRA' for air transport costs, 'TRS' for sea transport costs, and 'TRR' for road transport costs. Also, if you use Landed Costs Groups, use a group code that is similar, for example 'TR' for transport.
Group	If you have set up Landed Cost Groups, you must link one to this Landed Cost Type. Linking Landed Cost Types to groups allows you to view summary landed costs on the Landed Costs Report for different types of costs. For example, you may set up different Landed Cost Types for each type of freight costs you incur - road, sea and air - and then link them to a Landed Cost Group for *freight*. You can then view these costs grouped together in Opera.
Calculation Method	There are three methods that can be used to calculate landed costs. The Value or % box is enabled so you can enter the default value or percentage for the Landed Cost Type. However, you do not have to enter a default value or percentage; you can leave the box empty and override the landed cost settings when you post transactions. These are the calculation methods: **Fixed Value per Unit Item** - the default value for this landed cost type. Select this if the landed cost is always the same price per stock item. Then enter a default cost in the Value box. Example ... **% of Line Cost Value** - the default landed cost percentage for this landed cost type. Select this if the landed cost changes according to the cost price paid for the items. Then enter a default percentage cost in the Percentage box. Example ... **Aggregated Cost (%)** - the default aggregated cost percentage for this landed cost type. Some landed costs, such as import duty and anti-dumping duty, are charged in addition to other landed costs. They are calculated as a percentage of both the cost of the item plus other relevant landed costs. Select this if the landed cost is calculated as a percentage of the sum of the unit cost plus other landed costs. Then enter a default percentage cost in the Percentage box. Examples ... **Important:** You cannot change the calculation method after it has been applied to a stock item on the Stock Control - Processing - Landed Costs form.
Landed Costs in Nominal Ledger Account	A code that identifies the default Nominal Ledger landed costs account for received stock items. This reference should be defined as a Profit and Loss type account. This is the hierarchy that is used for the Landed Costs In account before it is used to update the Nominal Ledger: • If the Landed Cost Type that is linked to a stock item includes a Landed Costs In account, that account is used. • If the Landed Costs Group that is linked to a Landed Cost Type includes a Landed Costs In account, that account is used. • If neither the Landed Costs Group nor the Landed Cost Type for a stock item includes a Landed Costs In account, the default account on the Nominal Ledger - Utilities - Set Options form is used. **Note**: This is only enabled if Stock Control is linked to the Nominal Ledger. This is controlled by an option on the System - Maintenance - Company Profiles form.

Notes

(STEP 3: Set Up Landed Cost Types)

Landed Cost Types define how landed costs are calculated for relevant stock items. Each type includes a code and description to help you recognise it when you use it in Opera. You also define a calculation method for each type; used to calculate the landed cost for a transaction. Up to four Landed Cost Types can be assigned to each item.

1. Open the Stock folder and then click Maintenance or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Maintenance.
2. Open the **Landed Cost Types** form.
3. Create the types you need:
    a. To create a new record, click the New icon on the toolbar or press CTRL+N.
    b. Enter the type's details.
    c. To save the record, click the Save icon on the toolbar or press CTRL+S.
4. Follow instruction 3 for each Landed Cost Type you need to create. After creating the types, click Close.

Practical Exercise 1

Notes

(Time Allowed 15 Minutes)

Objectives

At the end of this practical assignment you will be able to:

- *Switch Landed Costs on and create appropriate records*

Exercise Details

1. Please set-up company Z to use Landed Costs
2. Create 3 Landed Costs Groups
   a. HMRC – That overrides the LC In account to a new NL code of HMRC
   b. Freight (with no override)
   c. Insurance (i.e. AXA Insurance) – no override

NB: Create NL A/C that Overrides the LC In Account to a new NL code of AXA – Including all the Cost Centres

3. Set up Landed Costs as per the Table Attached below

Code	Group	Description	Method	Value	NL Code O/R	☑
R1	Freight	Road Freight Charge (Int)	Fixed Value	25		❑
AXA1	Insurance	Generic Insurance	Aggregate	1.5	AXA	❑
D1	HMRC	Standard Agreed Duty	Set Line %	5		❑
AXA2	Insurance	AXA Per Item value (Ins)	Fixed Value	13.99	AXA	❑
R2	Freight	Heavy Load Freight	Fixed Value	100		❑
HMRC	HMRC	Generic HMRC	Aggregate	1		❑
A1	Freight	UPS Air Mail Service	Fixed Value	1.99		❑
A2	Freight	UPS Air Freight	Set Line %	7.25		❑

Hints / Notes

☑

Ensure the NL Stock Transfer has been run, ensure you have Demo data in the cleanest state possible to start using Landed Costs (Company Profiles) ☐

Create the NL accounts required for the next step first – AXA – with all CCs as well and HMRC – Type / Sub Type 35 02 – check against M510 ☐

3 Groups using Code FR,HMRC and AXA – descriptions as required ☐

Create all the types mimicking the table ☐

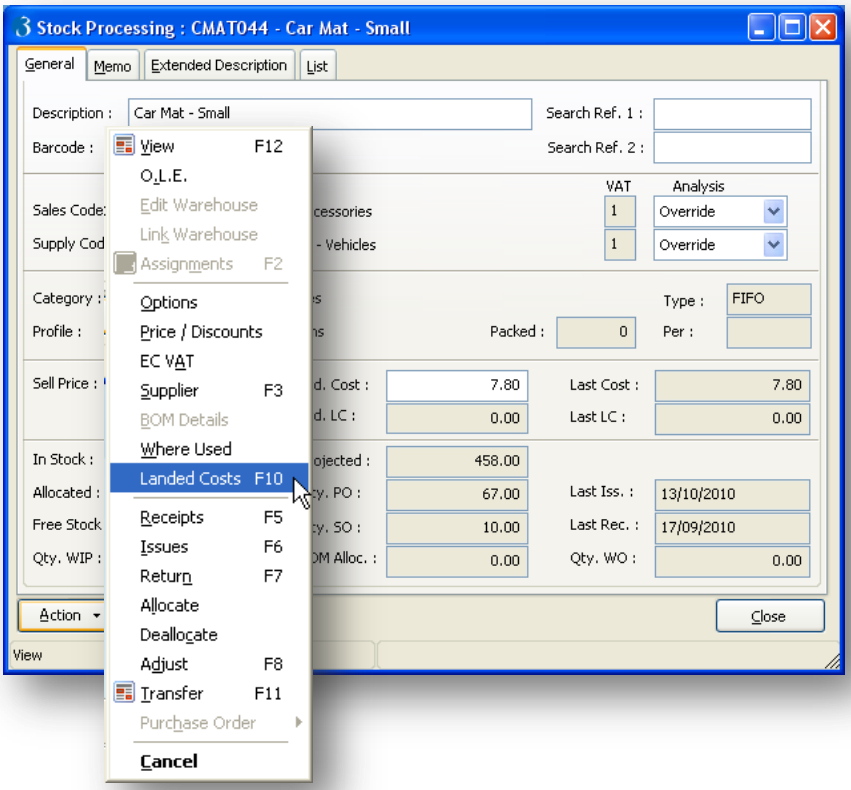
1.5 Apply Landed Cost Types to Stock Items

Notes

Landed Cost types can now be applied to Stock items via Stock Processing.

Note: If you need to calculate landed costs, at least one Landed Cost Type record must be created using the Landed Cost Types form in the Stock Control application.

If you need to calculate Landed Costs, you use the **Landed Costs** command on the **Action** menu to apply Landed Cost Types to your stock items. These are then used when you post transactions for the stock item in Opera.



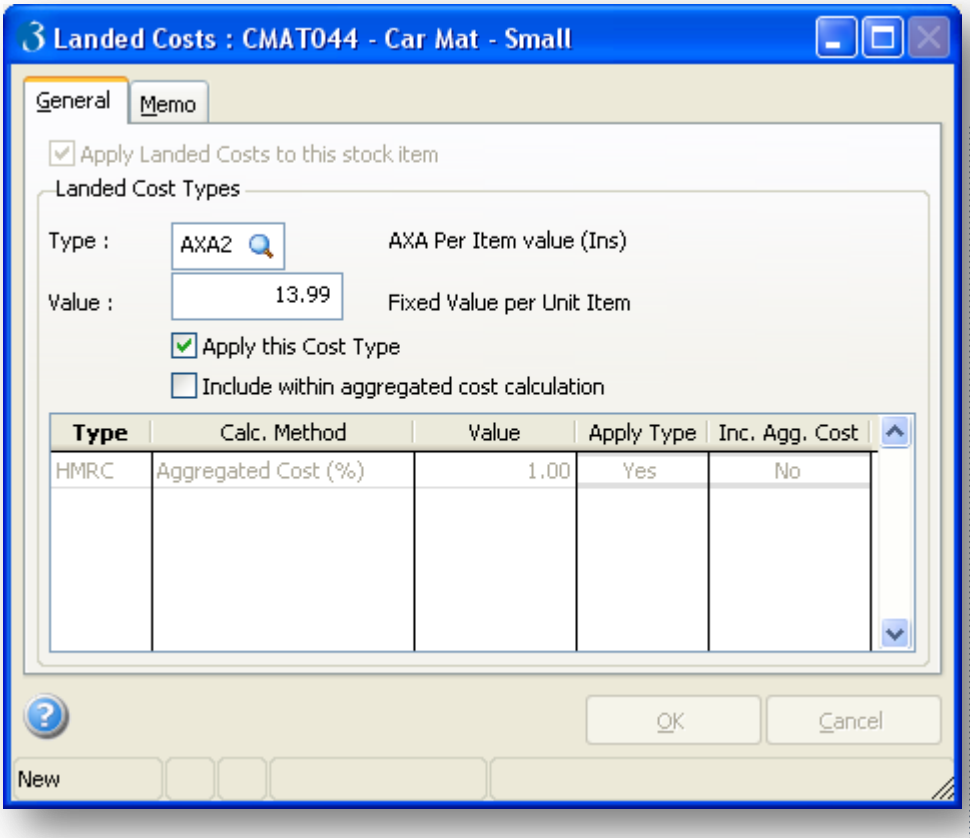
Landed costs are those additional costs - other than the unit price costs - that are incurred to get goods you purchase from your supplier to your premises, particularly for goods that are imported. The total cost of a landed shipment may include the purchase price, freight costs, insurance, and other costs. In some instances, it may also include the customs duties and other taxes that are levied on a shipment. Calculating the landed cost is critical in understanding what a product actually costs so that you can calculate what it can be sold for.

The Landed Costs form linked to each stock item is where you 'switch on' landed costs for an active stock item and apply Landed Cost Types to the item. You can apply up to four Landed Cost Types to an item.

NB: If you use the Bill of Materials application and need to apply landed costs for components in the cost of a built assembly, you need to tick the Apply Landed Costs box for the assembly on the Bill of Materials - Processing form.

If the stock item is an assembly item, description item or a non-stock item, all the boxes on the form are disabled.

Notes



Landed Cost to Stock

You can only apply up to 4 Landed Cost Types to a stock item and you can only include 1 Aggregate Type per stock item.

Box	Description
Apply Landed Costs to this stock item	An option that determines whether landed costs should be applied to this stock item when transactions are posted in Opera. If this option is ticked you can add up to four Landed Costs Types for the stock item to this form. **Tip:** You can untick this option at any time to prevent landed cost calculations in future transactions.
Landed Cost Type	The Landed Cost Type for the stock item. You can press F4 to select a type from a list or enter the code in the box.
Landed Cost Value or %	The value or percentage for the landed cost. The default value or percentage from the Landed Cost Type is displayed but you can change it if required.
Apply This Cost Type	An option that determines whether the landed cost will be calculated when the stock item is included in a transaction in Opera.
Include Within Aggregated Cost Calculation	Some landed costs, such as import duty and anti-dumping duty, are charged in addition to normal customs duty. They are calculated as a percentage of both the unit cost of the item plus other relevant landed costs. Tick this option if the type of landed cost, like shipping costs or insurance in the examples below, must be included in an aggregated cost calculation. To calculate these types of landed costs, you must also add a Landed Cost Type to the stock item that uses a calculation method of Aggregated Cost Percentage. *Example 1: (Import duty of 14%)* *You import a bicycle. It costs £500 and attracts both shipping costs (£33) and insurance (£5). The cost of the bicycle including these charges is £538. Import duty of 14% must be charged on this aggregated cost - £538 * 14% = £75.32.*

Notes

Include Within Aggregated Cost Calculation…	*The total landed cost is therefore £113.32 (£33 + £5 + £75.32) and the total cost is therefore £500 + £113.32 = £613.32.* *Example 2: (Import duty of 14% + Anti-dumping duty of 16%)* *You import a bicycle. It costs £500 and attracts both shipping costs (£33) and insurance (£5). The cost of the bicycle including these charges is £538. Import duty of 14% and anti-dumping duty of 16% must be charged on this aggregated cost - £538 * (14%+16%) = £161.40.* *The total landed cost is therefore £199.40 (£33 + £5 + £161.40) and the total cost is therefore £500 + £199.40 = £699.40. (You can assign only one aggregated Landed Cost Type to each stock item so you would need to combine the Import duty of 14% + Anti-dumping duty of 16% in this example into one cost type at 30%).* **Note**: You cannot tick this option if the calculation method for the Landed Cost Type is set to *Aggregated Cost %*.

Tip: You can change these landed cost settings for all your stock items without closing this form. Leave this form open and then use either the and buttons on the toolbar, use the CTRL+LEFT ARROW or CTRL+RIGHT ARROW keys or use the List tab to move between your stock items. Remember to first select the Stock - Processing form.

(STEP 4: Link Landed Cost Types to Stock Items)

The Landed Costs form linked to each stock item is where you 'switch on' landed costs for an active stock item and apply Landed Cost Types to the item. You can apply up to four Landed Cost Types to an item.

If you use the Bill of Materials application and need to apply landed costs for components in the cost of a built assembly, you need to tick the Apply Landed Costs box for the assembly on the Bill of Materials - Processing form.

1. Open the Stock folder and then click Processing or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Processing.
2. Retrieve a stock item record for which landed costs need to be applied.
3. Click Action and then click Landed Costs.
4. Tick the Apply Landed Costs to this stock item box.
5. To create a new record, click the New icon on the toolbar or press CTRL+N.
6. Update the boxes on the form.
7. To save the record, click the Save icon on the toolbar or press CTRL+S.
8. Follow instructions 2 to 6 for each stock item for which landed costs need to be applied. Click OK and then click Close.

Note: To apply landed costs to assemblies in the Bill of Materials application, tick the Landed Costs box on the Bill of Materials - Processing form.

Practical Exercise 2

Notes

(Time Allowed 20 Minutes)

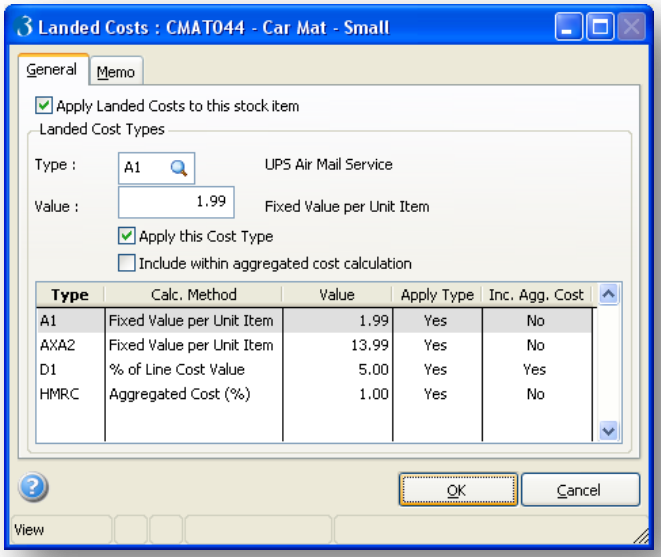
Objectives

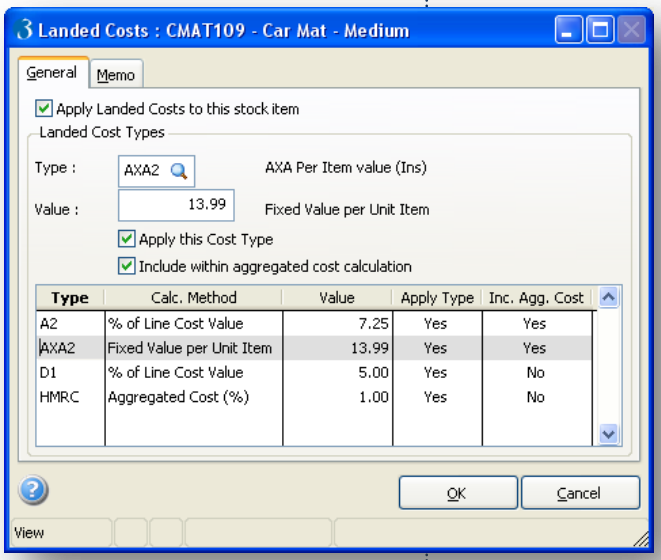
At the end of this practical assignment you will be able to:

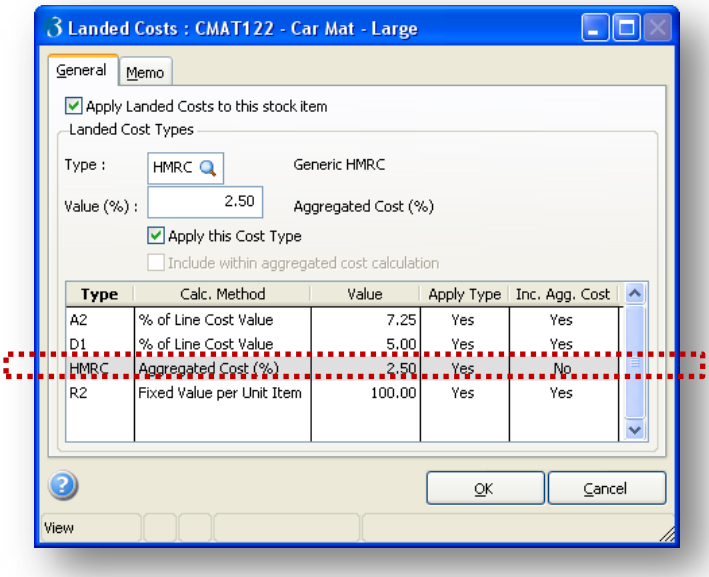
- *Apply an array of Landed Cost Types to Stock Items*

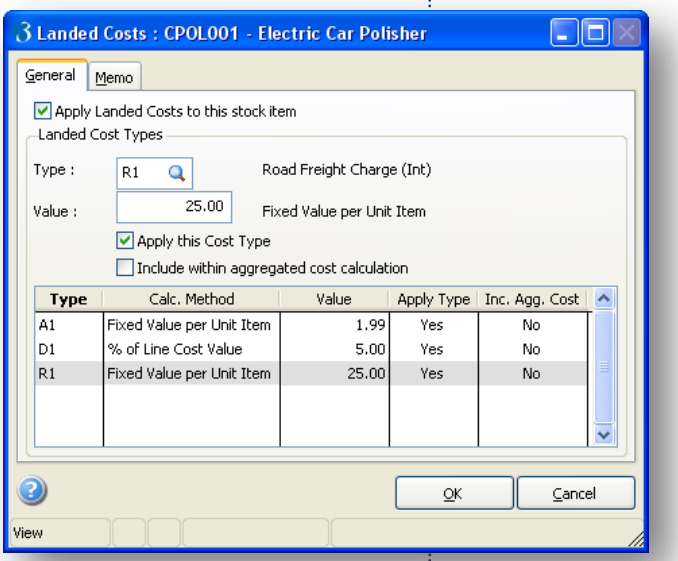
Exercise Details

Follow the screenshots below to apply a variety of Landed Costs to various Stock Items. Please note the types and there is one value that is overridden.

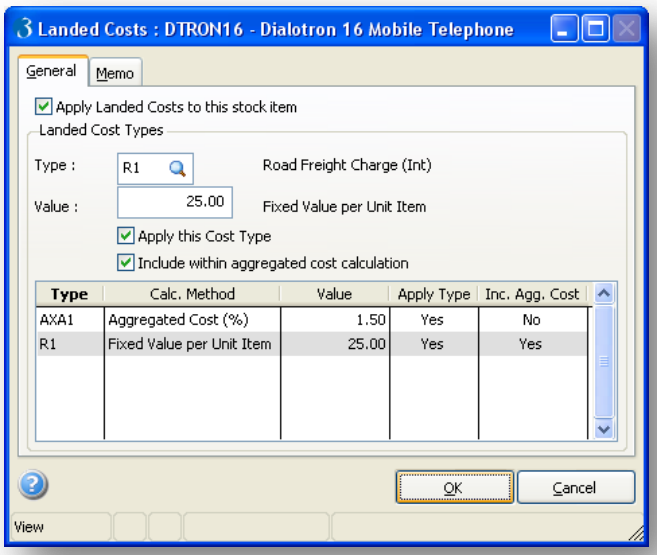




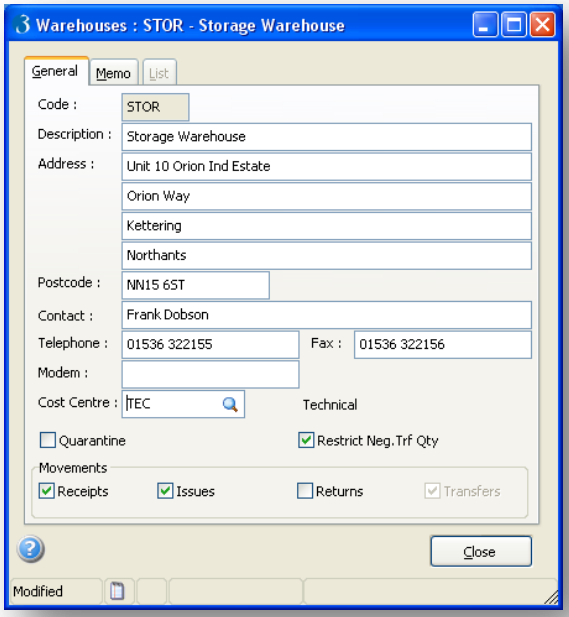




Notes

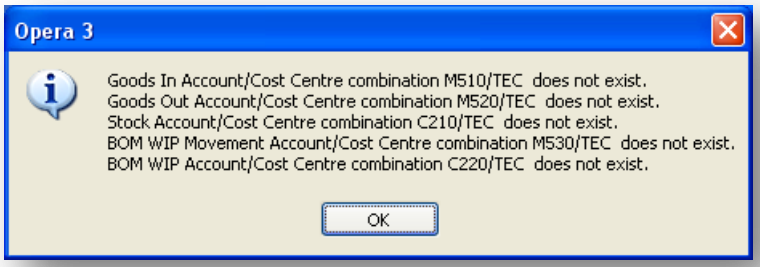


Storage Warehouse to Cost Centre TEC and allowing Receipts



Please ensure you create the following NL Accounts before editing the Warehouse record.

- M510/TEC
- M520/TEC
- M530/TEC
- C210/TEC
- C220/TEC



NB: *You will get a message about NL/CC not existent in the data if you have not created the accounts as mentioned in the note when clicking OK. You must have created the corresponding data for this exercise. However please note that in a live situation you would need to cater and ensure all Accounts and Cost Centres are created as required*

Notes

Accreditation Training Courseware

2 Processing

2.1 Processing with Landed Costs

Stock item records define the items you buy, sell and use. You maintain stock item records using the **Stock** form in the Stock application. You can record descriptions, prices and analysis information that will enable you to enter movements and adjustments to stock levels, complete order documents efficiently and report on sales and usage.

2.1.1 Prerequisites

Some prerequisites are optional, but if you want to complete the corresponding boxes on the forms associated with the **Processing** command, you must first create the record(s) on which your selections will be based. For some records, defaults can be defined in other applications.

Landed Cost Types	If you need to calculate landed costs, at least one Landed Cost Type record must be created using the Landed Cost Types form in the Stock Control application. **Tip:** See the To Set Up Stock Control for Landed Costs Help topic for details on the steps that need to be followed to set up landed costs. This feature is available in Opera 3
Landed Cost Groups	If you want to summarise similar landed costs together for reporting and viewing, Landed Cost Groups must be created using the Landed Cost Groups form in the Stock Control application. This feature is available in Opera 3

2.1.2 Landed Costs

If you need to calculate Landed Costs, you use the **Landed Costs** command on the **Action** menu to apply Landed Cost Types to your stock items. These are then used when you post transactions for the stock item in Opera.

Landed costs are those additional costs - other than the unit price costs - that are incurred to get goods you purchase from your supplier to your premises, particularly for goods that are imported. The total cost of a landed shipment may include the purchase price, freight costs, insurance, and other costs. In some instances, it may also include the customs duties and other taxes that are levied on a shipment. Calculating the landed cost is critical in understanding what a product actually costs so that you can calculate what it can be sold for.

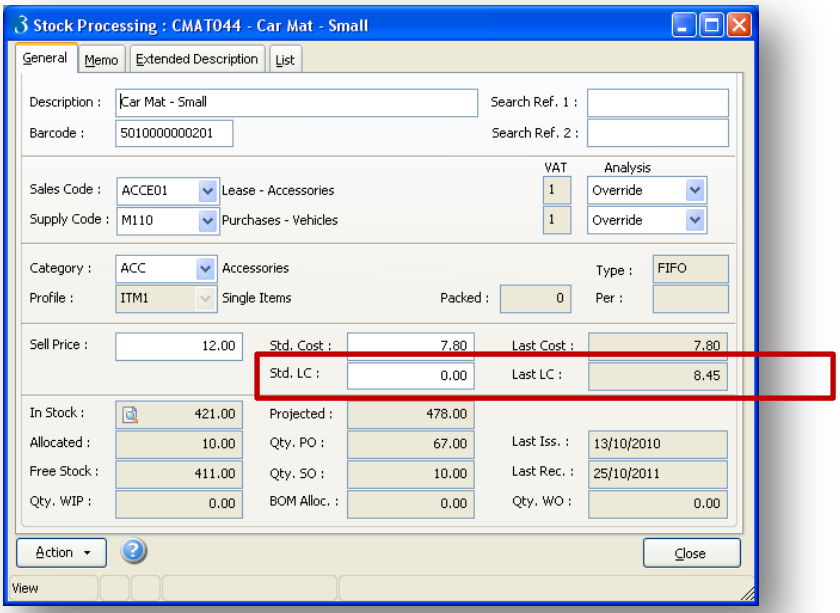
Tip: See the To Set Up Stock Control for Landed Costs Help topic for details on the steps that need to be followed to set up landed costs.

This feature is available in Opera 3

Processing

2.2 Stock Processing Screen

Notes



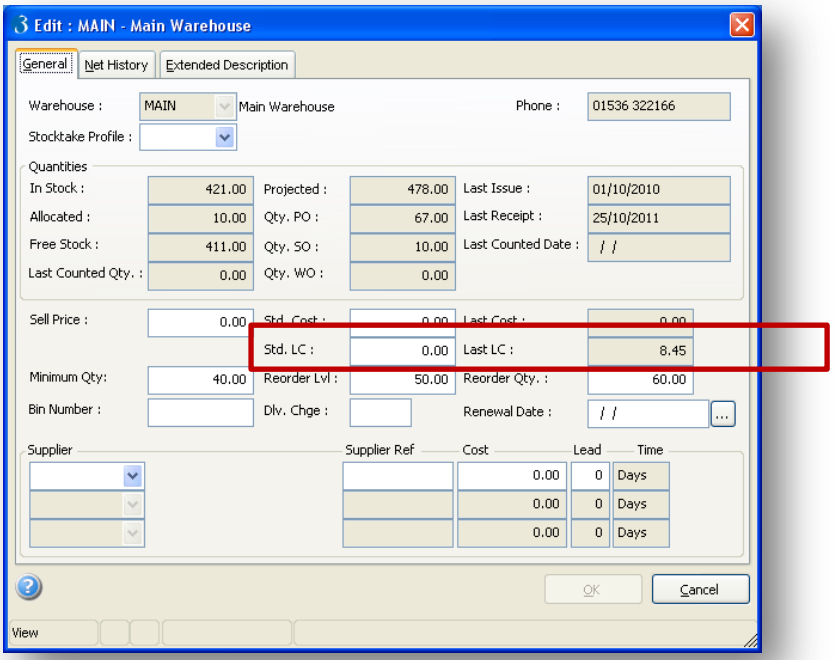
Std/Avg. Cost	The cost price of this item. This cost price, or one from a warehouse if you use this feature, is used to calculate the value of stock-in-hand and the gross profit margin of each invoice/credit note line, subject to the method of costing employed. You can enter the cost price when you enter receipts into stock. Prices are entered to the number of decimal places set on the stock profile. When stock receipts are posted, the cost price is used to calculate a new average price if the item is linked to a Stock Profile that has been set up for average costing. However, if the existing cost price for the stock item is zero, an average is not calculated. ***Foreign Prices*** If you have foreign currency customers or suppliers, the number of decimals displayed depends on the **Use Calculated Foreign Price Unit Decimals** option on the System - Utilities - System Preferences form. By selecting this option, both foreign and home customer and supplier postings allow for the same degree of accuracy in decimal precision. If the option is selected, the application automatically calculates the number of decimal places for foreign sell and cost prices based on an algorithm that uses both the foreign currency and stock profile settings. With the option cleared, the number of decimal places for foreign sell and cost prices is the same as for the currency on the System - Maintenance - Exchange Rates form. For example; if a foreign currency is set to two decimal places but stock cost prices are set to three decimal places, the prices will be rounded to two decimal places when you post a transaction. **Note:** You can see this information if your Opera login ID includes *Manager Rights*. Login IDs are maintained on the System - Maintenance - User Profile form.
Std/Avg. LC Cost	The landed cost price of this item. This cost price and the unit cost price for the stock item, or those from a warehouse if relevant, are used when the value of stock-in-hand and the gross profit margin of each invoice/credit note line are calculated. The landed cost price is always displayed to two decimal places. **Note:** You can see this information if your Opera login ID includes *Manager Rights*. Login IDs are maintained on the System - Maintenance - User Profile form. This feature is available in Opera 3

Notes

Last Cost	The last cost price used for this item. **Note:** You can see this information if your Opera login ID includes *Manager Rights*. Login IDs are maintained on the System - Maintenance - User Profile form.
Last LC	The last landed cost price used for this item. **Note:** You can see this information if your Opera login ID includes *Manager Rights*. Login IDs are maintained on the System - Maintenance - User Profile form. This feature is available in Opera 3

2.3 Linking the Stock Item to a Warehouse

Multiple warehouses are only available if you use the multi-warehouse feature. You access the warehouse form from the **View** command on the **Action** menu (**Action - View - Edit**).

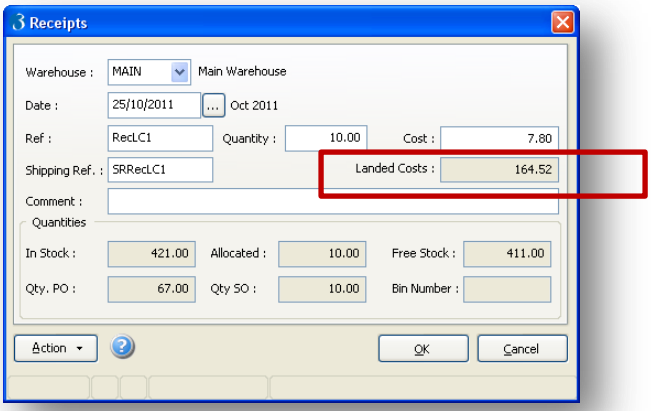


Std. Cost	The cost price if the stock item is received at the selected warehouse. If you leave this box blank, main stock cost price is to be used. This cost price is used in preference to the cost price on the General tab of the **Stock** form (provided it is not zero). It may be used on the **Stock Valuation** report if required. Note you cannot amend the value in the **Last Cost** box alongside which displays the last cost price recorded for this stock item from a receipt of stock for this particular warehouse.
Std/Avg. LC Cost	The landed cost price of this item at the selected warehouse. This cost price and the unit cost price for the stock item, or those from a warehouse if relevant, are used when the value of stock-in-hand and the gross profit margin of each invoice/credit note line are calculated. The landed cost price is always displayed to two decimal places. **Note:** You can see this information if your Opera login ID includes *Manager Rights*. Login IDs are maintained on the System - Maintenance - User Profile form. This feature is available in Opera 3
Last LC	The last landed cost price used for this item in this warehouse. **Note:** You can see this information if your Opera login ID includes *Manager Rights*. Login IDs are maintained on the System - Maintenance - User Profile form. This feature is available in Opera 3

2.4 Direct Stock Receipt

Notes

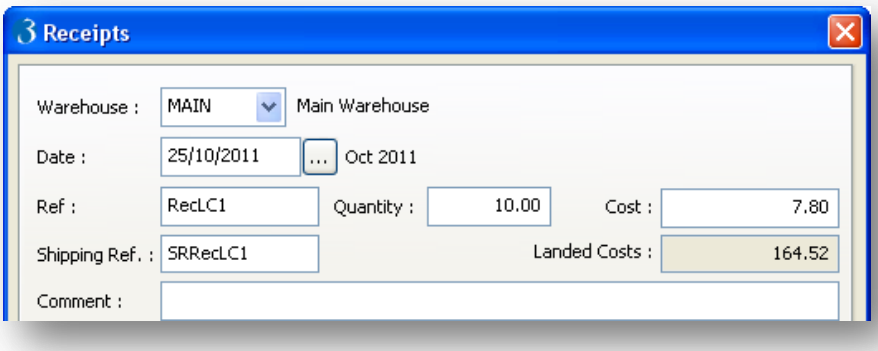
Use the **Processing** command on the **Stock** menu to record the movement of stock items not otherwise generated from other applications (such as SOP or Purchase Orders). First retrieve the stock record you want to process, then select the appropriate command from the **Action** menu.



Notes: If the **Continuous Posting** option is selected on the **User Profiles** form in the System application for your user record, you can post movements of the same type in batches because the application automatically reselects the same command (**Receipt**, **Issues**, **Return** and so on) when you complete a transaction record.

If you are processing movements for traceable items, the screen will include additional boxes and controls. If you need to process stock records that are traceable by serial or batch numbers, refer to the Traceability section for information.

2.4.1 Stock Movement Entries



Box	Description
Warehouse	A reference that identifies the warehouse for the movement transaction. You can select from a list. Warehouses are defined using the Warehouses command on the Maintenance menu, provided you have the multi-warehouses feature activated. For transfer movements, you specify both the source and destination warehouses using the From Ware and To Ware lists. If you leave the To Ware list box blank, you can progress to the Warehouse Distribution form to make transfers to more than one warehouse simultaneously.

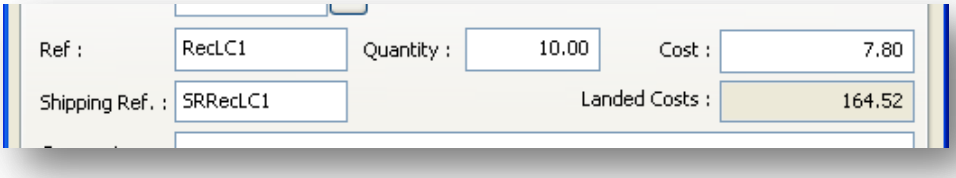
Notes

Date	The date of the movement. This defaults to the system date but you can override it. • If Stock Control is linked to the Nominal Ledger, this date is also used for the update of the Nominal Ledger. For information about how stock updates the Nominal Ledger, see the Introducing Stock Control Help topic. • If you use the Open Period Accounting feature, this is the date used to determine the period in the Nominal Ledger that the transaction is posted to. Open Period Accounting is an optional feature that allows you to control whether your Nominal Ledger accounting periods are open or closed for new postings. Accounting periods can be kept open as long as necessary but are normally closed once management accounts have been presented for the financial year. If Open Period Accounting is used, each transaction that is posted in the application has a Nominal Ledger transaction date, which determines the accounting period that is posted to and the period name that is displayed at the time of posting. The period that is posted to can be the current Nominal Ledger period, a previous Nominal Ledger period, or a future Nominal Ledger period as long as the period is open. You also do not need to change the application's system date because the Nominal Ledger transaction date determines which period is updated. Open Period Accounting works with both the Real Time Update method and the batch transfer method of updating the Nominal Ledger. An option on the Company Profiles form controls whether Open Period Accounting is used. Open Period Accounting is available in Opera 3
Ref	A reference for the movement transaction.
Quantity	The quantity moved. In the case of adjustments, you can enter either a positive or negative quantity.
Cost	The cost price of the item. The default cost price is based on either the price on the warehouse record (if applicable), or, if this is zero, on the stock profile (FIFO or average). You can either accept this price or amend it. When stock receipts are posted, the cost price is used to calculate a new average price if the item is linked to a Stock Profile that has been set up for average costing. However, if the existing cost price for the stock item is zero, an average is not calculated.
Shipping Ref	The shipping reference for the receipt. This provides an accurate link from the receipt of the stock item to the documentation related to the shipping of the item. This option is enabled if the Landed Costs option is selected on the System - Maintenance - Company Profiles form. This feature is available in Opera 3
Landed Cost	If a stock item is subject to landed costs, when a stock receipt is posted both the unit cost and the landed cost are used to calculate the total cost of the receipt. This applies to all types of stock: Non FIFO, FIFO, and batch and serial traceable. The landed costs that are relevant for the stock item are set up on the Stock Control - Processing - Landed Costs form. When the stock item is issued to a customer, the total cost (including both the unit cost price and the landed cost) is taken into account when margins are calculated. Where these costs are displayed in Opera, for example in these Sales Ledger forms: View, Sales Analysis View, Sales History View and these Sales Order Processing reports: Orders Listing and Quotes and Proformas report, they include both the unit cost and the landed cost. Landed cost prices are always calculated to two decimal places. This cost is then added to the unit cost price to calculate a total cost price. For example, if a stock item's price is held to three decimal places, say a unit cost price of 7.675 and a landed cost of 1.56 (always held to two decimal places), the total cost price is 9.235. If the cost price is held to either zero decimal places or one decimal place, the cost price is rounded. For example, if a stock item's price is held to zero decimal places, say a unit cost price of 7 and a landed cost of 1.56 (always held to two decimal places), the total cost price is 9 (7 + 2 (1.56 rounded up)). If a stock item's price is held to one decimal place, say a unit cost price of 7.1 and a landed cost of 1.56 (always held to two decimal places), the total cost price is 8.7 (7.1 + 1.6 (1.56 rounded up)). Tip: See the To Set Up Stock Control for Landed Costs Help topic for details on the steps that need to be followed to set up landed costs. This feature is available in Opera 3

Notes

2.4.2 Receipts

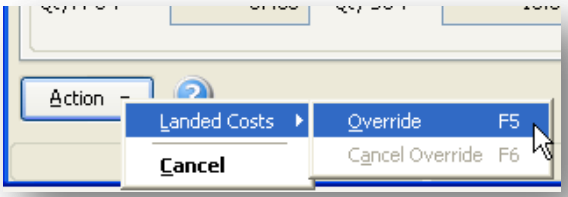
Use the Receipts command on the Action menu associated with the Stock form to record details of receipts into stock of the currently selected stock item. Do not record goods returned from customers using this command — use the Return command instead. You can choose to receive the goods against an outstanding purchase order or not. If you choose to receive against a purchase order, the screen displays a list of all outstanding orders for that item to which you can match the receipt. The cost of the receipt is determined by the method of cost valuation specified on the stock profile. This is either average cost or standard cost. If average costing is in operation, the average cost is updated when you record the receipt. The cost is held on the transaction if standard costing is in operation.



Note: If you have the Purchase Orders application and goods are received against purchase orders, you must use the **G.R.N.** command instead.

2.5 Override Landed Costs

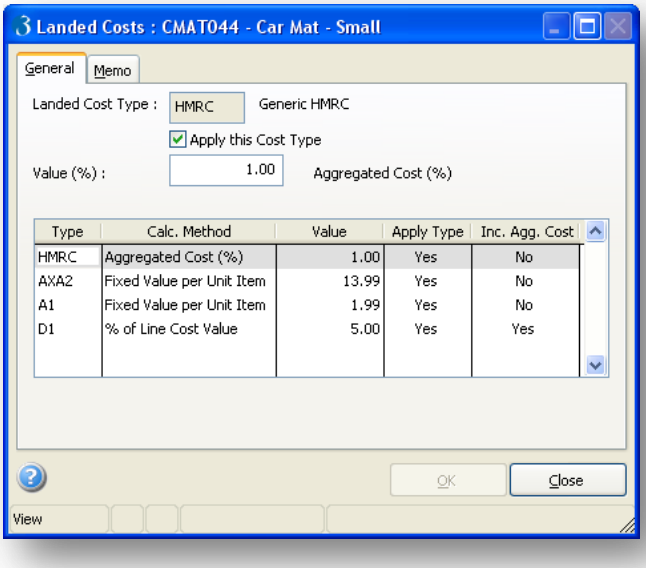
Stock items can have expected landed costs applied to them on the Stock Processing - Landed Costs form. If you do not know what the cost will be, you can set the default cost to zero. When you receive stock in the Receipt or GRN commands in the Stock Control application, or in the Receipt command in the Purchase Order Processing application, the estimated cost is calculated and then displayed on the form. If necessary, you can override how the landed costs were calculated for the receipt. For example, if the Landed Cost Type is set to calculate the cost as 5% of the unit price but the actual cost is 7%, you can change this. If you are receiving multiple stock items you can override how the landed costs were calculated for each stock item.



Notes

You can also cancel the override if necessary.

An exclamation mark is displayed on the form's status bar if you have overridden the calculated landed costs for a stock item.



Box	Description
Landed Cost Type	The type of landed cost being applied to the receipt. You cannot change this but you can set it to be ignored for this receipt by unticking the Apply This Cost Type box.
Apply This Cost Type	Untick this box if you do not want to include this landed cost in the cost calculation for this receipt.
Calc. Method Value	Enter a value or percentage for the landed cost to override the estimated value or percentage from the Landed Cost Type linked to the stock item.

Tip: For more details about how the estimated or default costs are set up for a stock item, see the Stock Control - Processing - Landed Costs Help topic.

Notes

Practical Exercise 3

(Time Allowed 30 Minutes)

Objectives

At the end of this practical assignment you will be able to:

- *Posting directly in the Stock Control and have the ability to see landed costs in action and to analyse the resulting calculations.*

Exercise Details

Post the following transactions

- (A) Stock Receipt of CMAT044 x 10 to Main warehouse with ref RecLC1 and Shipping Ref SRRecLC1 – no other changes
- (B) Stock Receipt of DTRON16 x 20 to Stor Warehouse with ref RecLC2 and SR RecLC2 – No other changes
- (C) Stock Receipt of CMAT044 x 10 to Main warehouse with ref RecLC3 and Shipping Ref SRRecLC3 and Override the Standard value from 13.99 to 5.99 – no other changes
- (D) Stock Receipt of DTRON16 x 20 to Stor Warehouse with ref RecLC4 and SR RecLC4 and Override the Aggregate % from 1.5% to 10%– No other changes

Now view the transaction details and analyse what the Landed Costs impact would be. Run various report to back up your findings.

Complete the Table provided at the end of the exercise using the analysis you have done.

Notes

Hints

Check;

Tables
Reports
Processing Screens
Views

Scenario	Landed Cost Calculated	Stock Cost + Landed Cost Calculated	Nominal Code Posted to (LC IN)	Landed Costs Breakdown	Landed Cost *(Header Screen)*	Last Landed Cost *(Header Screen)*
(A) CMAT044 x 10 to Main – no other changes						
(B) DTRON16 x 20 to Stor – No other changes						
(C) CMAT044 x 10 to Main and Override the Standard value from 13.99 to 5.99 – no other changes						
(D) DTRON16 x 20 to Stor and Override the Aggregate % from 1.5% to 10%– No other changes						

Findings may include the following

Notes

Stock Transaction Table Results Guide

Stock Reference	Warehouse	Transaction Type	Date	Quantity	Reference	Cost	ID	Landed Cost	Shipping Ref
CMAT044	MAIN	R	25/10/2011	1000	RecLC1	780	1953	164.52	SRRecLC1
DTRON16	STOR	R	25/10/2011	2000	RecLC2	5500	1954	524.00	SRRecLC2
CMAT044	MAIN	R	25/10/2011	1000	RecLC3	780	1955	84.52	SRRecLC3
DTRON16	STOR	R	25/10/2011	2000	RecLC4	5500	1956	660.00	SRRecLC4

Stock Header Table Results Guide

Stock Code	Stock Description	Analysis Code	Profile	Sell Price	Cost Price	Last Cost Price	Landed Cost Price	Last Landed Cost Price
CMAT044	Car Mat - Small	ACCE01	ITM1	1200	780	780	0	8.45
DTRON16	Dialotron 16 Mobile Telephone	ACCE01	ITM1	8500	5500	5500	0	33

Stock Per Warehouse Table Results Guide

Warehouse Code	Stock Code	Landed Cost	Last Landed Cost
MAIN	CMAT044	0	8.45
STOR	DTRON16	0	33

Stock to Nominal Table Results Guide

Nominal Account	Cost Centre	Transaction Type	Transaction Date	Value	Reference	Stock Description	Nominal Control
M510		R	25/10/2011	-78.00	CMAT044 MAIN RecLC1	Car Mat - Small	GOODS_IN
C210		R	25/10/2011	78.00	CMAT044 MAIN RecLC1	Car Mat - Small	STOCK_VAL
AXA		R	25/10/2011	-139.90	CMAT044 MAIN RecLC1	Car Mat - Small	LC_IN
M510		R	25/10/2011	-19.90	CMAT044 MAIN RecLC1	Car Mat - Small	LC_IN
HMRC		R	25/10/2011	-3.90	CMAT044 MAIN RecLC1	Car Mat - Small	LC_IN
HMRC		R	25/10/2011	-0.82	CMAT044 MAIN RecLC1	Car Mat - Small	LC_IN
C210		R	25/10/2011	164.52	CMAT044 MAIN RecLC1	Car Mat - Small	LC_VAL
M510	TEC	R	25/10/2011	-1100.00	DTRON16 STOR RecLC2	Dialotron 16 Mobile Telephone	GOODS_IN
C210	TEC	R	25/10/2011	1100.00	DTRON16 STOR RecLC2	Dialotron 16 Mobile Telephone	STOCK_VAL
M510	TEC	R	25/10/2011	-500.00	DTRON16 STOR RecLC2	Dialotron 16 Mobile Telephone	LC_IN
AXA	TEC	R	25/10/2011	-24.00	DTRON16 STOR RecLC2	Dialotron 16 Mobile Telephone	LC_IN
C210	TEC	R	25/10/2011	524.00	DTRON16 STOR RecLC2	Dialotron 16 Mobile Telephone	LC_VAL
M510		R	25/10/2011	-78.00	CMAT044 MAIN RecLC3	Car Mat - Small	GOODS_IN

C210		R	25/10/2011	78.00	CMAT044 MAIN RecLC3	Car Mat - Small	STOCK_VAL
AXA		R	25/10/2011	-59.90	CMAT044 MAIN RecLC3	Car Mat - Small	LC_IN
M510		R	25/10/2011	-19.90	CMAT044 MAIN RecLC3	Car Mat - Small	LC_IN
HMRC		R	25/10/2011	-3.90	CMAT044 MAIN RecLC3	Car Mat - Small	LC_IN
HMRC		R	25/10/2011	-0.82	CMAT044 MAIN RecLC3	Car Mat - Small	LC_IN
C210		R	25/10/2011	84.52	CMAT044 MAIN RecLC3	Car Mat - Small	LC_VAL
M510	TEC	R	25/10/2011	-1100.00	DTRON16 STOR RecLC4	Dialotron 16 Mobile Telephone	GOODS_IN
C210	TEC	R	25/10/2011	1100.00	DTRON16 STOR RecLC4	Dialotron 16 Mobile Telephone	STOCK_VAL
M510	TEC	R	25/10/2011	-500.00	DTRON16 STOR RecLC4	Dialotron 16 Mobile Telephone	LC_IN
AXA	TEC	R	25/10/2011	-160.00	DTRON16 STOR RecLC4	Dialotron 16 Mobile Telephone	LC_IN
C210	TEC	R	25/10/2011	660.00	DTRON16 STOR RecLC4	Dialotron 16 Mobile Telephone	LC_VAL

Landed Cost Transaction Table Result Guide

Stock Transaction ID	Type	Landed Cost Type	Landed Cost Calculated Value	LC Cost used
1953	1	AXA2	139.90	13.99
1953	1	A1	19.90	1.99
1953	1	D1	3.90	5.00
1953	1	HMRC	0.82	5.00
1954	1	R1	500.00	25.00
1954	1	AXA1	24.00	25.00
1955	1	AXA2	59.90	5.99
1955	1	A1	19.90	1.99
1955	1	D1	3.90	5.00
1955	1	HMRC	0.82	5.00
1956	1	R1	500.00	25.00
1956	1	AXA1	160.00	25.00

Landed Cost Report

Notes

Pegasus Opera 3 - Orion Vehicles Leasing

Report Preview - Landed Costs (sqstlc1.frx)

Orion Vehicles Leasing

Printed 25/10/2011 at 16:05 by ADMIN

Sequenced by Product

From Date : 25/10/2010 To : 25/10/2011

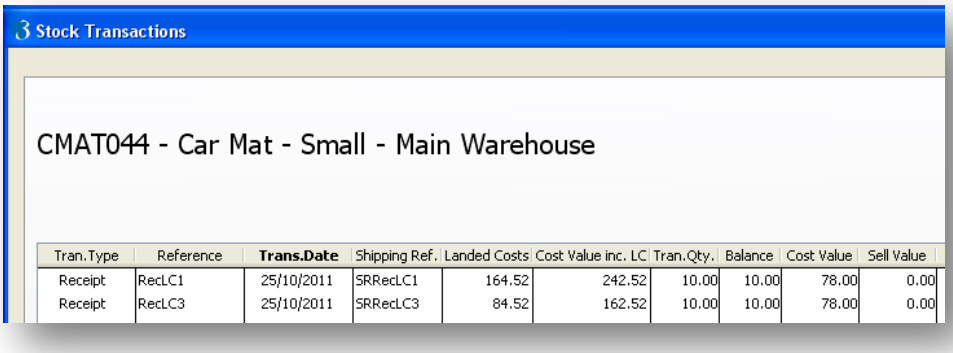
From Product : CMAT044 To : ZACD007

Landed Costs

Orion Vehicles Leasing — **Landed Costs** — **Page: 1**

Product	LC Group		LC Type		Landed Cost
CMAT044	AXA	AXA Insurance	AXA2	AXA Per Item value (Ins)	199.80
				Total AXA	**199.80**
	FR	Freight	A1	UPS Air Mail Service	39.80
				Total FR	**39.80**
	HMRC	HMRC Customs and Duty	D1	Standard Agreed Duty	7.80
			HMRC	Generic HMRC	1.64
				Total HMRC	**9.44**
				Total CMAT044	**249.04**
DTRON16	AXA	AXA Insurance	AXA1	Generic Insurance	184.00
				Total AXA	**184.00**
	FR	Freight	R1	Road Freight Charge (Int)	1000.00
				Total FR	**1000.00**
				Total DTRON16	**1184.00**
				Total	**1433.04**

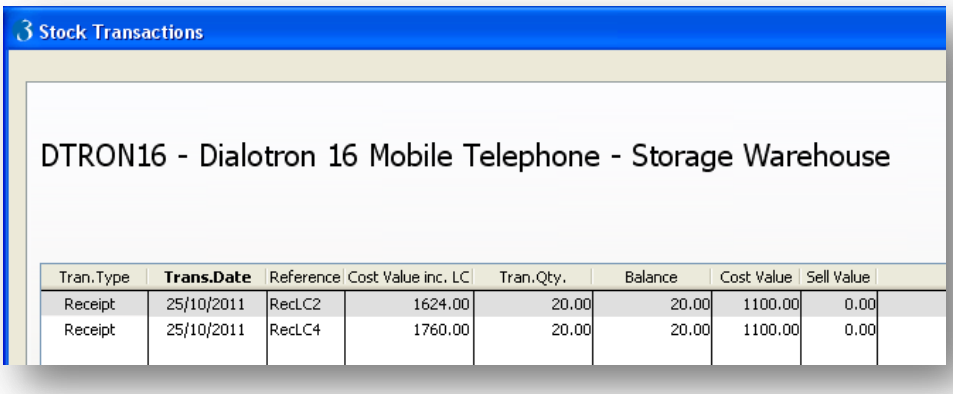
Transaction Views – Examples…



Stock Transactions

CMAT044 - Car Mat - Small - Main Warehouse

Tran.Type	Reference	Trans.Date	Shipping Ref.	Landed Costs	Cost Value inc. LC	Tran.Qty.	Balance	Cost Value	Sell Value
Receipt	RecLC1	25/10/2011	SRRecLC1	164.52	242.52	10.00	10.00	78.00	0.00
Receipt	RecLC3	25/10/2011	SRRecLC3	84.52	162.52	10.00	10.00	78.00	0.00



Stock Transactions

DTRON16 - Dialotron 16 Mobile Telephone - Storage Warehouse

Tran.Type	Trans.Date	Reference	Cost Value inc. LC	Tran.Qty.	Balance	Cost Value	Sell Value
Receipt	25/10/2011	RecLC2	1624.00	20.00	20.00	1100.00	0.00
Receipt	25/10/2011	RecLC4	1760.00	20.00	20.00	1100.00	0.00

Hints / Results during training testing of the exercise

Notes

Scenario	Landed Cost Calculated	Stock Cost + Landed Cost Calculated	Nominal Code Posted to (LC IN)	Landed Costs Breakdown	Landed Cost *(Header Screen)*	Last Landed Cost *(Header Screen)*
(A) CMAT044 x 10 to Main – no other changes	164.52	242.52	AXA, M510, HMRC	• AXA2, 139.90 • A1, 19.90 • D1, 3.90 • HMRC, 0.82	0	16.45
(B) DTRON16 x 20 to Stor – No other changes	524.00	1624.00	M510 TEC, AXA TEC	• R1, 500.00 • AXA1, 24.00	0	26.20
(C) CMAT044 x 10 to Main and Override the Standard value from 13.99 to 5.99 – no other changes	84.52	162.52	AXA, M510, HMRC	• AXA2, 59.90 • A1, 19.90 • D1, 3.90 • HMRC, 0.82	0	8.45 *(Changed)*
(D) DTRON16 x 20 to Stor and Override the Aggregate % from 1.5% to 10%– No other changes	660.00	1760.00	M510 TEC, AXA TEC	• R1, 500.00 • AXA1, 160.00	0	33.00 *(Changed)*

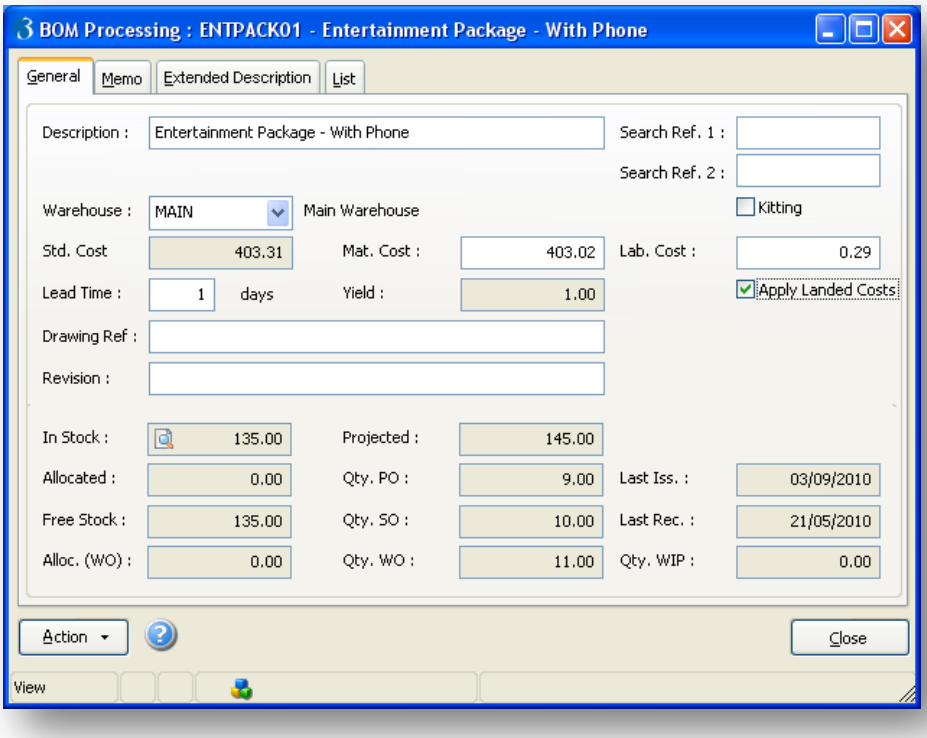
Notes

Accreditation Training Courseware

3 Landed Costs in other Modules

3.1 BOM Processing

Apply Landed Costs



An option that determines that landed costs should be applied to this assembly when it is made. Any Landed Costs Types and associated costs that have been set up for components used to make the assembly are included in the landed cost calculation. These Landed Costs Types are added to each component item on the Stock Control - Processing - Landed Costs form.

Tip: See the To Set Up Stock Control for Landed Costs and the To Set Up Bill of Materials for Landed Costs Help topics for details on the steps that need to be followed to set up landed costs.

Landed costs are those additional costs - other than the unit price costs - that are incurred to get goods you purchase from your supplier to your premises, particularly for goods that are imported. The total cost of a landed shipment includes the purchase price, freight costs, insurance, and other costs up to the port of destination. In some instances, it may also include the customs duties and other taxes that are levied on a shipment. Calculating the landed cost is critical in understanding what a product actually costs so that you can calculate what it can be sold for.

Landed costs can be included if the Landed Costs option on the System - Maintenance - Company Profiles form is selected and you use the Purchase Order Processing application.

This feature is available in Opera 3

Notes

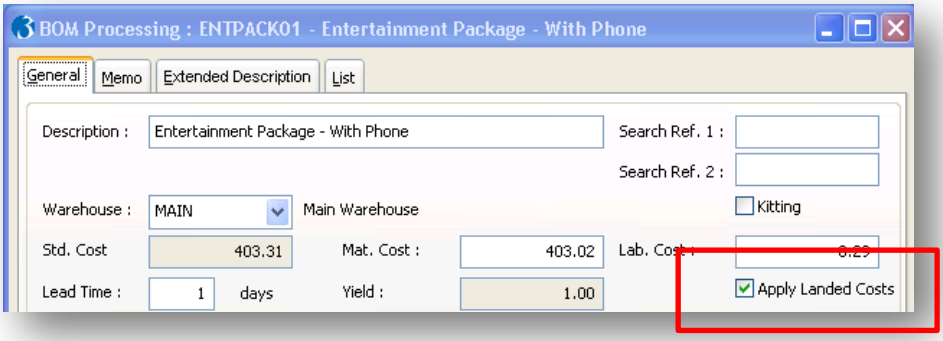
Landed costs are those additional costs - other than the unit price costs - that are incurred to get goods you purchase from your supplier to your premises, particularly for goods that are imported. The total cost of a landed shipment includes the purchase price, freight costs, insurance, and other costs up to the port of destination. In some instances, it may also include the customs duties and other taxes that are levied on a shipment. Calculating the landed cost is critical in understanding what a product actually costs so that you can calculate what it can be sold for.

3.1.1 STEP 1: Switch On Landed Costs and Set Up

Follow the steps in the To Set Up Stock Control for Landed Costs topic to switch on Landed Costs, set up Landed Cost Groups and Landed Cost Types and assign Landed Cost Types to relevant stock items.

3.1.2 STEP 2: Set Up Assembly Unit Landed Cost Prices

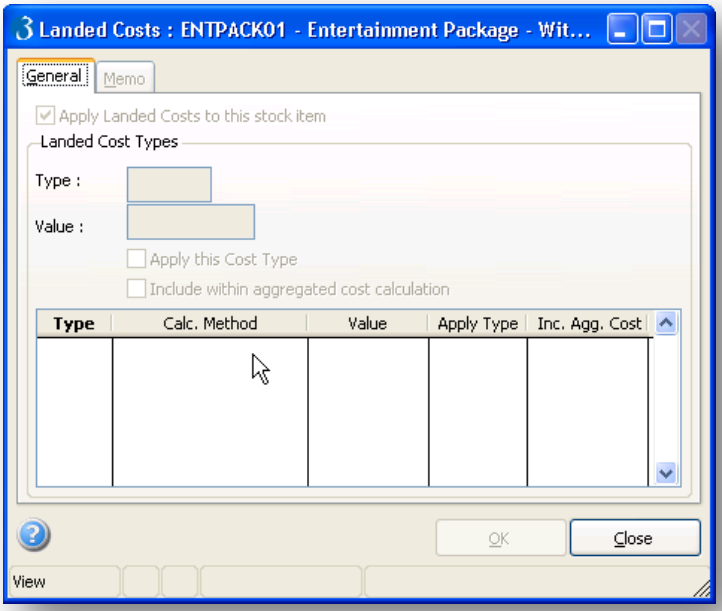
Opera does not calculate landed costs for assemblies based on the landed costs set up for the components on the Stock Control - Processing - Landed Costs form. You need to manually add these costs to each assembly.



If you do not know what the exact landed costs are for all the components used to make the assembly, you need to estimate these combined costs for each assembly. The costs then need to be added to the assembly item in the Stock Control application. If you use the multi-warehouse feature and have linked the components and sub assemblies to a warehouse, you also need to add the landed costs to the warehouses.

Notes

These costs will then be included in the valuation of the assemblies on the Stock Control - Reports - Stock Valuation report.



Follow these steps for each assembly record for which you need to set up landed costs.

1. Open the BOM folder and then click Processing or click the Supply Chain Management tab on the Ribbon Bar and then click BOM - Processing.
2. Retrieve the assembly record for which landed costs need to be applied.
3. Tick the Apply Landed Costs box.
4. Open the Stock folder and then click Processing or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Processing.
5. Retrieve the assembly record selected in point 2 above.
6. In the Avg. LC or Std. LC boxes, enter the landed cost for the assembly. If the assembly record is linked to a warehouse, click Action - View - Action - Edit on the Stock - Processing form to open the Edit Warehouse form. In the Avg. LC or Std. LC boxes, enter the landed cost for the warehouse.

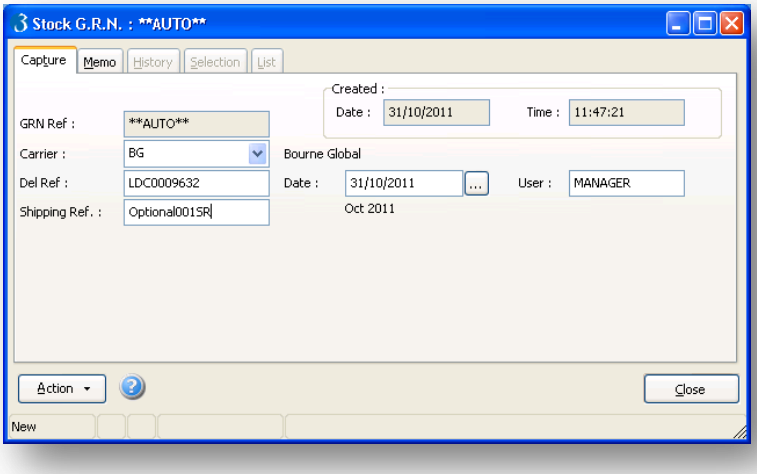
3.2 G.R.N Processing

Use the **G.R.N.** command to enter details of goods as they are received. Goods received notes provide the following benefits to the process of recording receipts:

- They provide a means to enter several receipts in one delivery from a single supplier, thereby saving you having to enter one receipt transaction per stock item as required by the **Receipts** command on the Stock Control - Processing form's **Action** menu.
- GRNs can be used to receive stock into a quarantine warehouse for subsequent release to a non-quarantine warehouse. While held in a quarantine warehouse, the stock is unavailable for issues.
- They can be used to book receipts of goods against orders raised using the Purchase Orders application. You can pick items for delivery from order detail lines, and match in full or in part the quantities received against the quantity ordered.

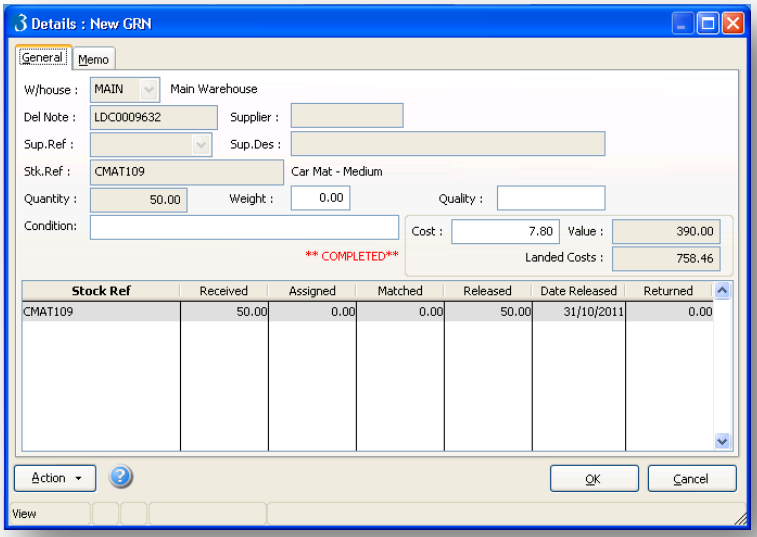
Note: If you need to process stock records that are traceable by serial or batch numbers, refer to the Traceability Help topic for information.

Notes



Shipping Ref	The shipping reference for the receipt. This provides an accurate link from the receipt of the stock item to the documentation related to the shipping of the item. This option is enabled if the **Landed Costs** option is selected on the System - Maintenance - Company Profiles form. This feature is available in Opera 3

Use the **Details** command on the **Action** menu to add the stock items for the GRN or to view the details of an existing GRN.



If a stock item is subject to landed costs, when a stock receipt is posted both the unit cost and the landed cost are used to calculate the total cost of the receipt. This applies to all types of stock: Non FIFO, FIFO, and batch and serial traceable. The landed costs that are relevant for the stock item are set up on the Stock Control - Processing - Landed Costs form.

When the stock item is issued to a customer, the total cost (including both the unit cost price and the landed cost) is taken into account when margins are calculated. Where these costs are displayed in Opera, for example in these Sales Ledger forms: View, Sales Analysis View, Sales History View and these Sales Order Processing reports: Orders Listing and Quotes and Proformas report, they include both the unit cost and the landed cost.

Notes

Landed cost prices are always calculated to two decimal places. This cost is then added to the unit cost price to calculate a total cost price. For example, if a stock item's price is held to three decimal places, say a unit cost price of 7.675 and a landed cost of 1.56 (always held to two decimal places), the total cost price is 9.235.

If the cost price is held to either zero decimal places or one decimal place, the cost price is rounded. For example, if a stock item's price is held to zero decimal places, say a unit cost price of 7 and a landed cost of 1.56 (always held to two decimal places), the total cost price is 9 (7 + 2 (1.56 rounded up)).

If a stock item's price is held to one decimal place, say a unit cost price of 7.1 and a landed cost of 1.56 (always held to two decimal places), the total cost price is 8.7 (7.1 + 1.6 (1.56 rounded up)).

Tip: See the To Set Up Stock Control for Landed Costs Help topic for details on the steps that need to be followed to set up landed costs.

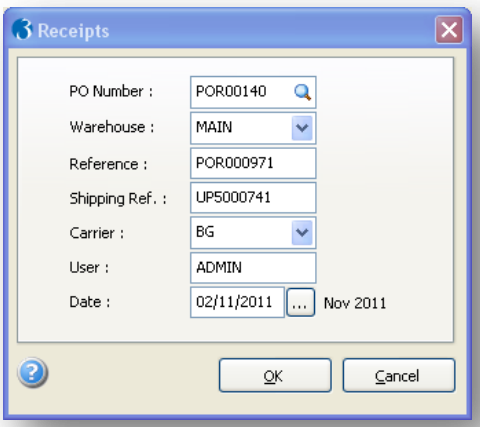
This feature is available in Opera 3

3.3 POP Processing

Use the **Receipts** command on the **Action** menu associated with the **Purchase Order Processing** form to record the receipt of goods against purchase order records. This only applies if you have the Stock module. You can also receive goods against purchase orders using the **G.R.N.** command in the Stock Control application.

3.3.1 Selection Criteria

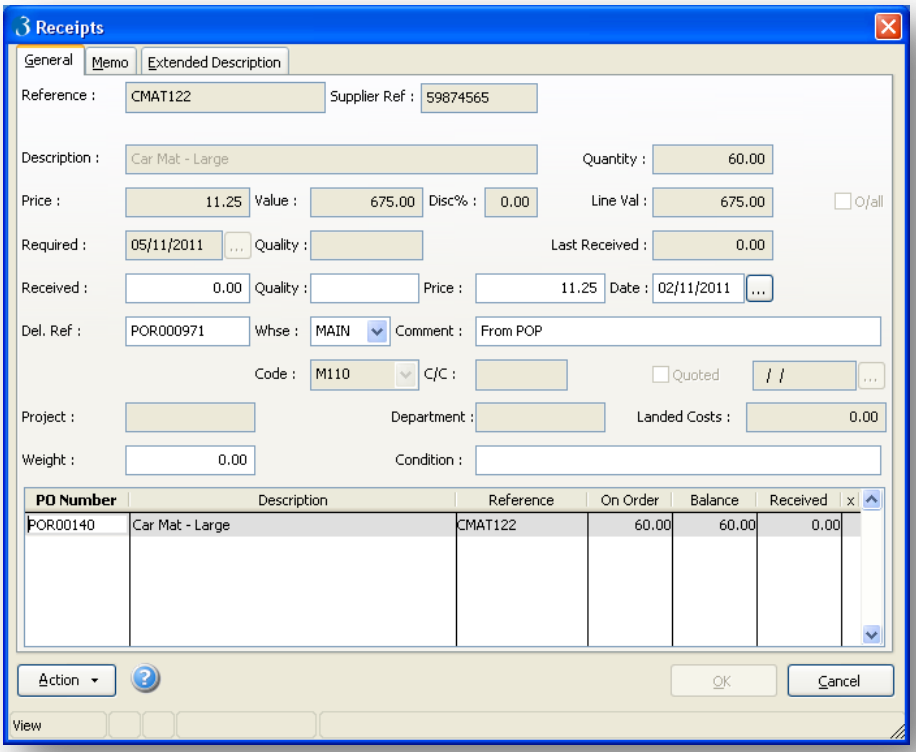
Before you can post your stock receipts, you must select the relevant purchase order for the current supplier and warehouse that was entered on the purchase order line (if you use the multi-warehouse feature). You can also add a reference which will be used for each receipt line, and other details. The process of recording receipts begins with the selection of the order(s) against which the goods have been delivered. The **Select Orders** dialog box offers the following criteria:



Shipping Ref.	The shipping reference for the receipt. This provides an accurate link from the receipt of the stock item to the documentation related to the shipping of the item. This option is enabled if the Landed Costs option is selected on the System - Maintenance - Company Profiles form. This feature is available in Opera 3 and Opera 3 SQL

3.3.2 Entering Receipt Details

Notes



Box	Description
Received	The quantity being received.
Quality	A memo note regarding the quality of the goods being received. This is saved with the receipt transaction.
Price	The unit cost price of the stock being received. If the stock item is subject to landed costs, this cost is displayed in the Landed Costs box. You can override the landed cost using the Override Landed Costs command on the **Action** menu. This feature is available in Opera 3 and Opera 3 SQL
Date	The date which is used for the receipt. This defaults to today's date but it can be changed. For example, if the stock was received on an earlier day but you are recording it today, you can change the date to the actual receipt date.
Del. Ref	The purchase order number for the receipt. If you leave entered a delivery reference on the Selection Criteria form, it is displayed instead of the purchase order number.
Whse	The warehouse where the stock is stored. This is only enabled if you use the multi-warehouse feature.
Comment	A memo you want to record which is saved with the receipt transaction.
Landed Cost	The landed cost for the stock being received. This is automatically calculated using the Landed Cost Types which are assigned to the stock item. Landed costs are those additional costs - other than the unit price costs - that are incurred to get goods you purchase from your supplier to your premises, particularly for goods that are imported. The total cost of a landed shipment may include the purchase price, freight costs, insurance, and other costs. In some instances, it may also include the customs duties and other taxes that are levied on a shipment. Calculating the landed cost is critical in understanding what a product actually costs so that you can calculate what it can be sold for. If a stock item is subject to landed costs, when a stock receipt is posted both the unit cost and the landed cost are used to calculate the total cost of the receipt. This applies to all types of stock: Non FIFO, FIFO, and batch and serial traceable. The landed costs that are relevant for the stock item are set up on the Stock Control - Processing - Landed Costs form.

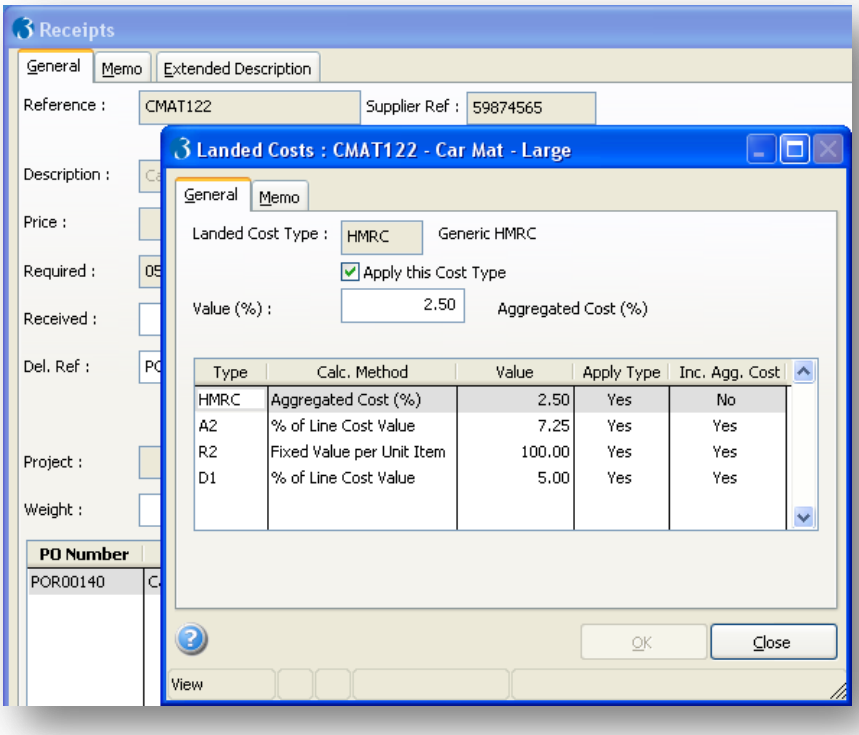
Notes

Landed Cost…	When the stock item is issued to a customer, the total cost (including both the unit cost price and the landed cost) is taken into account when margins are calculated. This feature is available in Opera 3 and Opera 3 SQL
Weight	The weight of the stock being received. This is saved with the receipt transaction.
Condition	A memo note regarding the condition of the goods being received. This is saved with the receipt transaction.

Note: Traceable stock only applies if you use the traceability feature. If you need to process stock records that are traceable by serial or batch numbers, refer to the Traceability Help topic for information.

3.3.3 Override Landed Costs

Stock items can have expected landed costs applied to them on the Stock Processing - Landed Costs form. If you do not know what the cost will be, you can set the default cost to zero. When you receive stock in the **Receipt** or **GRN** commands in the Stock Control application, or in the **Receipt** command in the Purchase Order Processing application, the estimated cost is calculated and then displayed on the form. If necessary, you can override how the landed costs were calculated for the receipt. For example, if the Landed Cost Type is set to calculate the cost as 5% of the unit price but the actual cost is 7%, you can change this. If you are receiving multiple stock items you can override how the landed costs were calculated for each stock item.



You can also cancel the override if necessary.

An exclamation mark is displayed on the form's status bar if you have overridden the calculated landed costs for a stock item.

Notes

Box	Description
Landed Cost Type	The type of landed cost being applied to the receipt. You cannot change this but you can set it to be ignored for this receipt by unticking the **Apply This Cost Type** box.
Apply This Cost Type	Untick this box if you do not want to include this landed cost in the cost calculation for this receipt.
Calc. Method Value	Enter a value or percentage for the landed cost to override the estimated value or percentage from the Landed Cost Type linked to the stock item.

Tip: For more details about how the estimated or default costs are set up for a stock item, see the Stock Processing - Landed Costs Help topic.

Practical Exercise 4

Notes

(Time Allowed 30-40 Minutes)

Objectives

At the end of this practical assignment you will be able to:

- *Processing Landed Costs outside of the Direct Stock Processing in Stock Control and have the ability to see landed costs in action and to analyse the resulting calculations.*

Exercise Details

Complete the following;

- (A) Apply Landed Costs to the First Aid Kit (FAK01) Assembly.
- (B) GRN Receipt of CMAT109 x 50 to MAIN Warehouse – No other changes
- (D) GRN Receipt of CMAT109 x 100 to Main Warehouse and Override the Standard Agreed Duty % from 5% to 1%– No other changes
- (D) Post a POP Order through to Receipt for CMAT122 x 60 to MAIN – No other changes
- (E) Post a POP Order through to Receipt for CMAT122 x 75 to MAIN and override any of the Landed Costs with a different % or value

Now view the transaction details and analyse what the Landed Costs impact would be. Run various report to back up your findings.

Complete the Table provided at the end of the exercise using the analysis you have done.

Notes

- (A) Apply Landed Costs to the First Aid Kit (FAK01) Assembly.

  i. Remember, the system does not automatically calculate out the Landed Cost for the assembly based on the components Landed Costs – this has to be done manually.

  ii. Tick it on in BOM.

  iii. Apply in Stock.

  iv. Adjustments need to be made manually

- (B) GRN Receipt of CMAT109 x 50 to MAIN Warehouse – No other changes

  i. Standard GRN Receipt – Inspect the appropriate tables for GRN, Stock, Stock to Nominal. – check as per previous exercise.

- (D) GRN Receipt of CMAT109 x 100 to Main Warehouse and Override the Standard Agreed Duty % from 5% to 1%– No other changes

  i. Standard GRN Receipt – Inspect the appropriate tables for GRN, Stock, Stock to Nominal. – ensure the override has gone through. Note an override should not affect the original set-up – it will just affect that posting – check as per previous exercise.

- (D) Post a POP Order through to Receipt for CMAT122 x 60 to MAIN – No other changes

  i. Standard PO, then Receipt it in – Inspect the appropriate tables for GRN (if used), POP, Stock, Stock to Nominal. – check as per previous exercise.

- (E) Post a POP Order through to Receipt for CMAT122 x 75 to MAIN and override any of the Landed Costs with a different % or value

  i. Standard PO, then Receipt it in – Inspect the appropriate tables for GRN (if used), POP, Stock, Stock to Nominal.. – ensure the override has gone through. Note an override should not affect the original set-up – it will just affect that posting – check as per previous exercise.

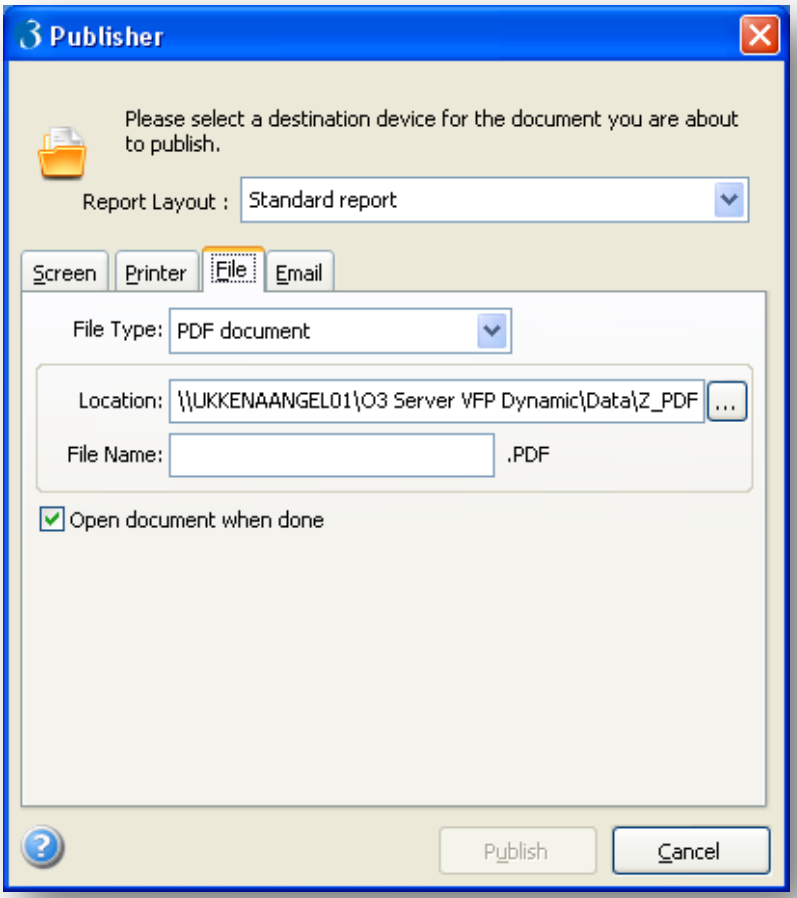
Notes

Accreditation Training Courseware

4 Reports

4.1 Publishing a Report

Nominal Ledger reports can be accessed via the Reports Menus in the respective Module. It is possible to tailor the layout of these reports under development mode (ADMIN). Once your report criteria has been selected and any matching data found, a Publisher form will be presented allowing a choice of Screen, Printer, File or Email output.



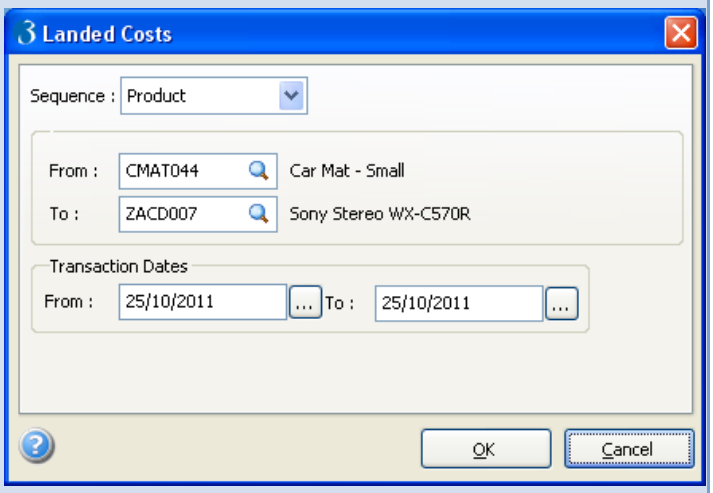
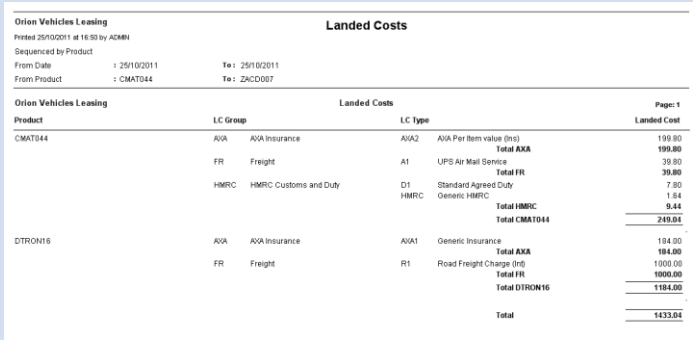
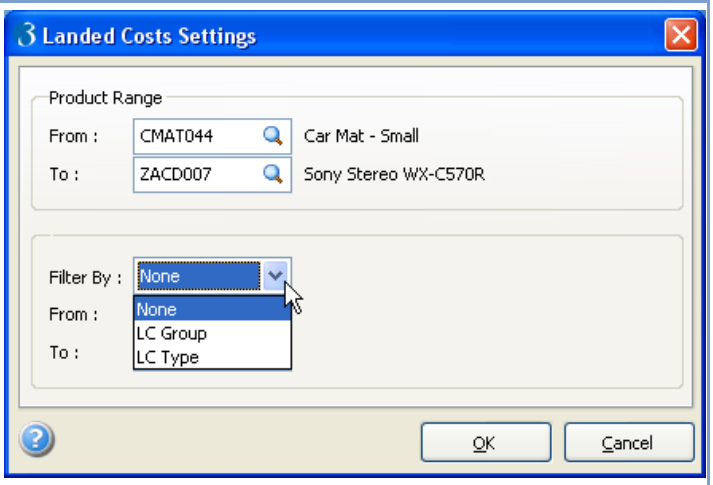
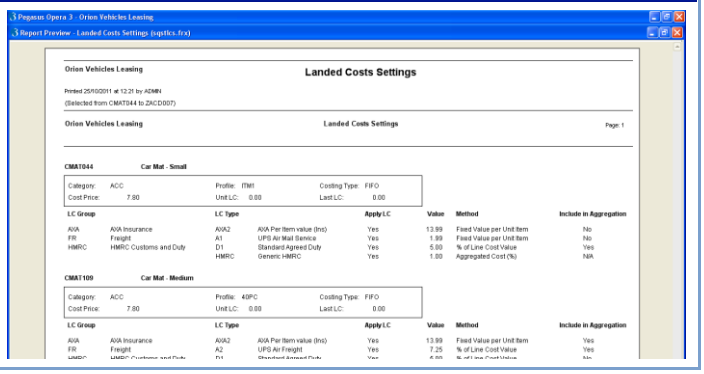
To print a report;

1. Open the required module folder, click Reports and then click appropriate report
2. Define the range of records you want included in the report by entering From and To values.
3. Click OK.

Reports

4.2 List of Reports

Notes

Name & Description	Example
Landed Costs The Landed Costs report displays the landed costs recorded when stock receipts were posted. You can sequence the report in different ways including by Landed Cost Type and Landed Cost Group. This report can be used to help with the reconciliation of expected landed costs with actual landed costs charged. After establishing the variances between expected and actual costs you can then work out any loss or gain and post a journal to the Nominal Ledger as necessary. You can also use this report to monitor the recorded landed cost values or percentages on the Landed Cost Types you have set up and make amendments if necessary.	 
Landed Costs Settings The Landed Costs Settings report displays information about stock items that have Landed Cost Types assigned to them. The report displays the Landed Costs Types for each stock item, their default value, calculation method and also whether it is included in the aggregated cost calculation. The Landed Costs Types are grouped by Landed Costs Group if they are used. You can filter the information on the report by entering a stock item range in the Product Range box or by selecting either Landed Cost Group or Landed Cost Type from the Filter By box and choosing the required range.	 

Notes

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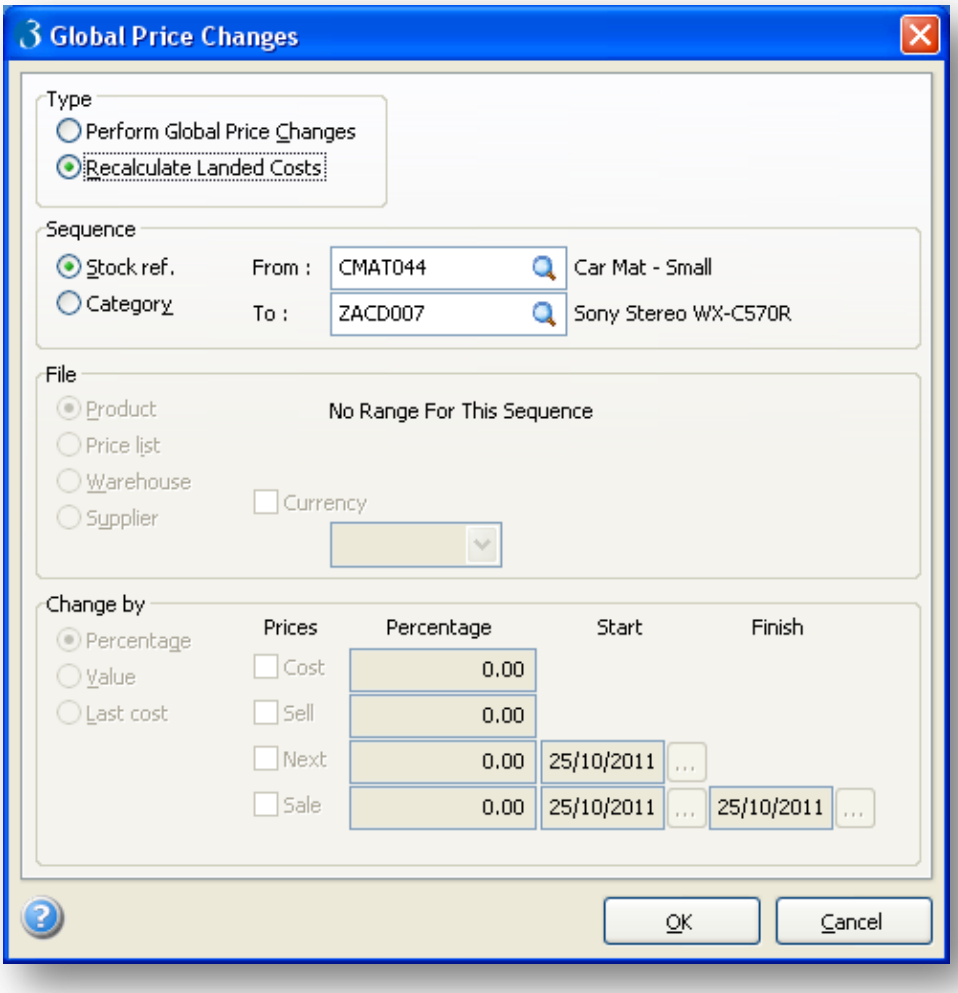
5 Utilities

This is set to **Perform Global Price Changes** by default. There is no need to change this setting unless you use the Landed Costs feature and want to globally recalculate your stock item's landed costs.



The **Recalculate Landed Costs** option will recalculate landed costs for the selected stock items or those that are in the selected categories. This happens if landed costs have been set for a stock item on the Stock Control - Processing form. Also, any warehouses that are linked to a stock item will also be updated if a landed cost price has been set for the warehouse.

The prices are calculated using:

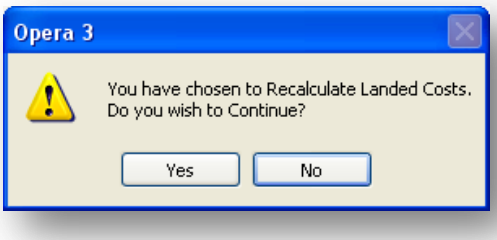
- the Landed Cost Types that have been assigned to each stock item
- the unit cost price for the stock item
- the unit cost price for any linked warehouses.

Utilities

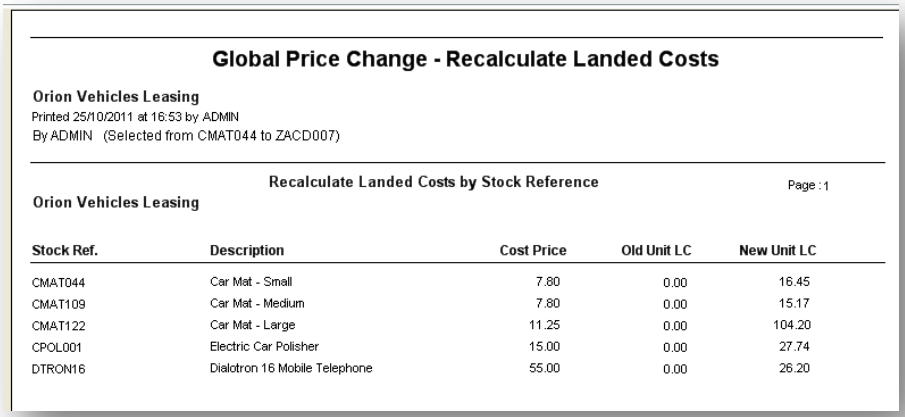
Notes

The calculation assumes a quantity of 1 to calculate the landed costs. For example, if a Landed Cost Type is calculated at 10 % of the unit price, and the stock item's cost price is £20, the landed cost is calculated as £2 (1 * £20 * 10 %). There are three methods that can be used to calculate landed costs. All the calculation types are described in the Landed Cost Types Help topic.

The **Recalculate Landed Costs** option is enabled if the **Landed Costs** option is selected on the System - Maintenance - Company Profiles form. If the option is selected you can change the sequence range but the other boxes on the form are disabled.



Tip: See the Stock Control and Landed Costs Help topic for details about how Opera deals with landed costs.



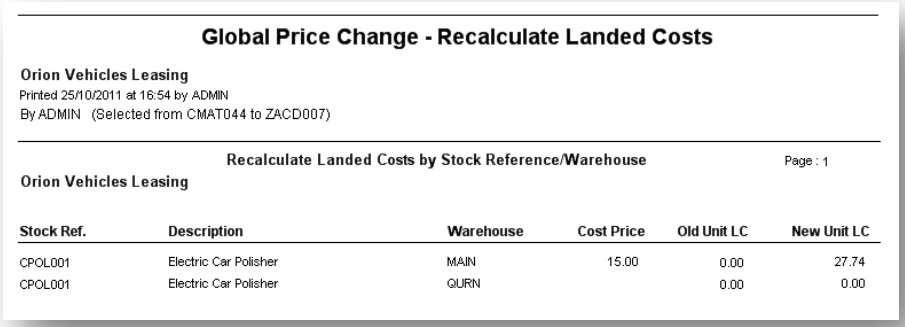
Global Price Change - Recalculate Landed Costs

Orion Vehicles Leasing
Printed 25/10/2011 at 16:53 by ADMIN
By ADMIN (Selected from CMAT044 to ZACD007)

Recalculate Landed Costs by Stock Reference Page : 1

Orion Vehicles Leasing

Stock Ref.	Description	Cost Price	Old Unit LC	New Unit LC
CMAT044	Car Mat - Small	7.80	0.00	16.45
CMAT109	Car Mat - Medium	7.80	0.00	15.17
CMAT122	Car Mat - Large	11.25	0.00	104.20
CPOL001	Electric Car Polisher	15.00	0.00	27.74
DTRON16	Dialotron 16 Mobile Telephone	55.00	0.00	26.20



Global Price Change - Recalculate Landed Costs

Orion Vehicles Leasing
Printed 25/10/2011 at 16:54 by ADMIN
By ADMIN (Selected from CMAT044 to ZACD007)

Recalculate Landed Costs by Stock Reference/Warehouse Page : 1

Orion Vehicles Leasing

Stock Ref.	Description	Warehouse	Cost Price	Old Unit LC	New Unit LC
CPOL001	Electric Car Polisher	MAIN	15.00	0.00	27.74
CPOL001	Electric Car Polisher	QURN		0.00	0.00

Notes

Accreditation Training Courseware

Troubleshooting

Accreditation Training Courseware

Appendix

Appendix A – Data Structures & Technical Information

The following pages contain the Database Structures & Technical Information of the Stock / Stocktake Module as of the v1.30 Opera 3 release.

Landed Costs

Data tables that have either been added or modified for the Landed Costs feature in Opera 3 can be included in your queries and reports.

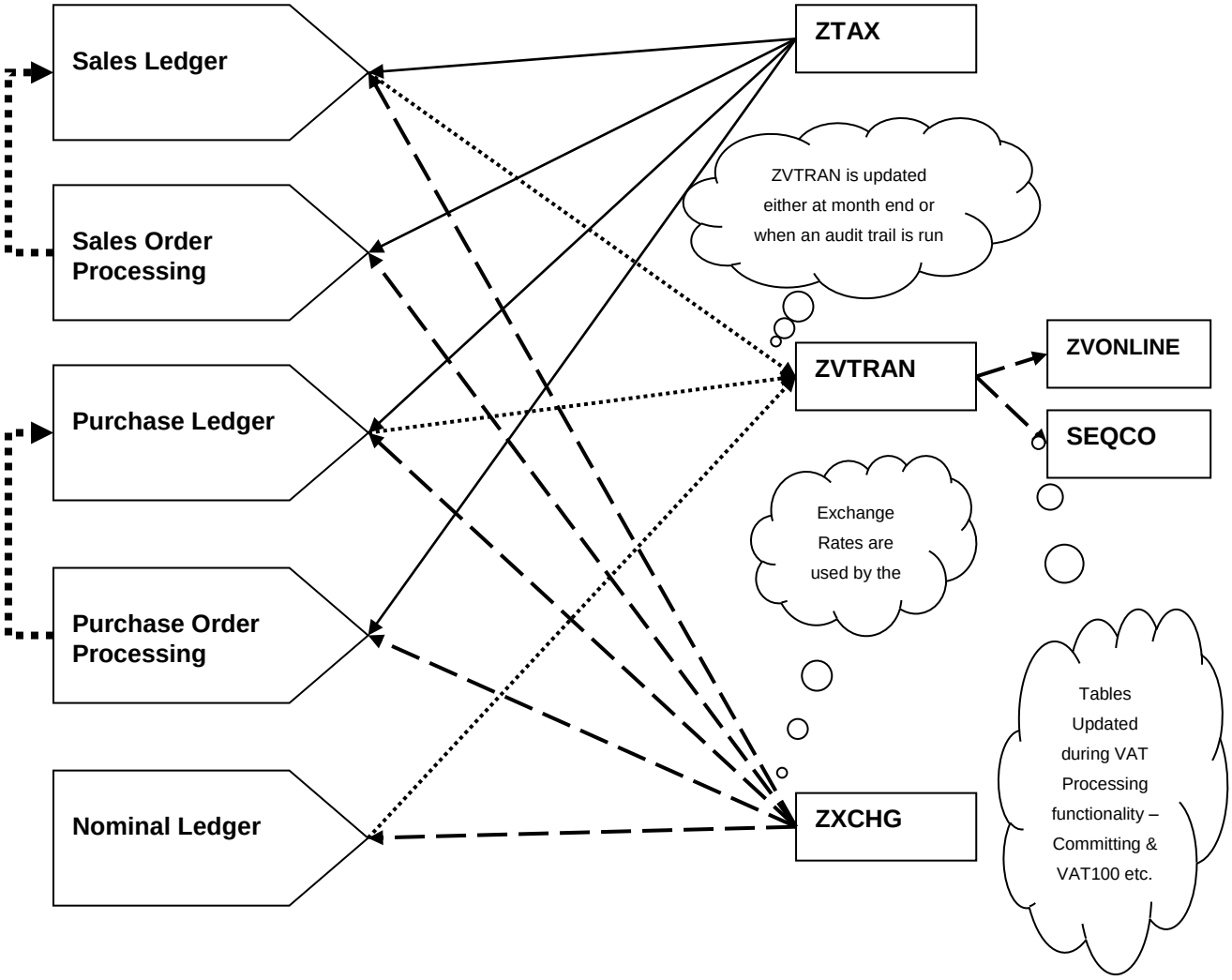
These are the new tables for Landed Costs:

Table Name	Caption	Description
CLNDCG	Stock LC Types	This table stores Stock Landed Cost Groups.
CLNDCT	Stock LC Groups	This table stores Stock Landed Cost Types.
CNXTRA	Stock Name Extra	This table stores various types of 'extra' information associated with a stock record.
CTXTRA	Stock Tran. Extra	This table stores various types of 'extra' information associated with a stock transaction record.

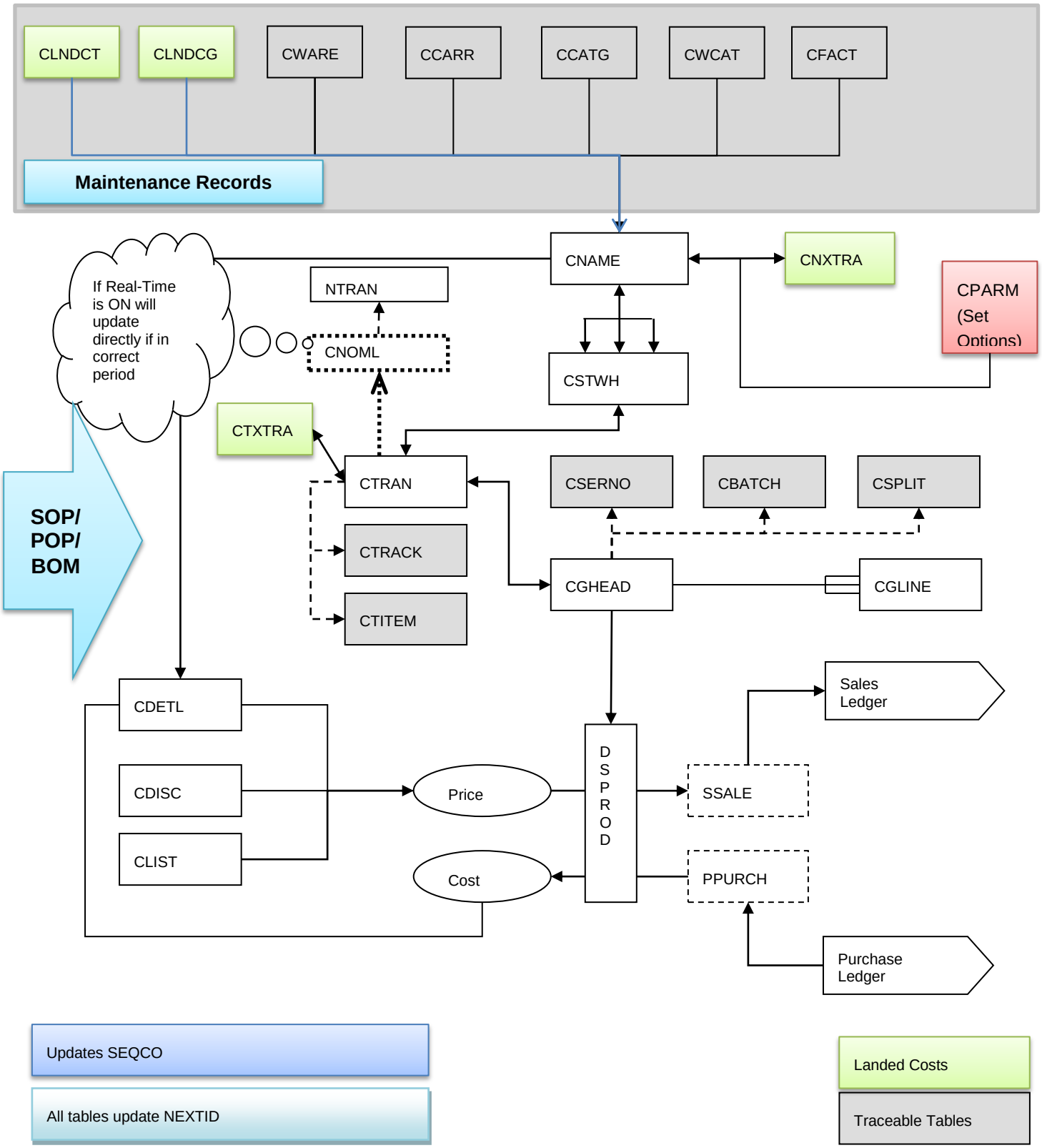
These are the existing tables that have been amended for Landed Costs:

Table Name	Field	Caption	Description
SEQCO	CO_USELC	Use Landed Costs	Stores the Landed Costs indicator for the company.
CNAME	CN_APPLYLC	Apply Landed Costs	Stores the Landed Costs indicator for the stock item.
	CN_LC	Unit Landed Cost	Stores either 'Average LC' or 'Standard LC' based on the stock item's profile.
	CN_LLC	Unit Last Landed Cost	Stores the unit Last Landed Cost
CSTWH	CS_LC	Unit Landed Cost	Stores either 'Average LC' or 'Standard LC' based on the stock item's profile (for this warehouse).
	CS_LLC	Unit Last Landed Cost	Stores Last 'unit LC' amount recorded via a receipt (for this warehouse).
CTRAN	CT_LC	Total Landed Cost	Stores the total LC for all LC types recorded against this transaction.
	CT_POREF	Purchase Order Ref.	If transaction is a receipt, this stores the Purchase Order the receipt originated from.
	CT_SHIPREF	Shipping Ref.	If transaction is a receipt, this stores the shipping reference for the item.
CBATCH	CB_LC	Landed Cost	Stores the unit Landed Cost for the Receipt that has been assigned.
CSERNO	CE_LC	Landed Cost	Stores the 'unit LC' for the Receipt that has been assigned.
CGHEAD	CH_SHIPREF	Shipping Ref.	If transaction is a receipt, this will contain the (optional) reference of the shipment the item was delivered in.
NPARM	NP_LCIN	LC In A/C	Landed Costs in Nominal Ledger account
	NP_LCOUT	LC Out A/C	Landed Costs out Nominal Ledger account
	NP_LCST	Stock LC A/C	Stock Landed Costs Nominal Ledger account
	NP_LCSUSP	LC Susp P+L A/C	Stock Landed Costs Suspense Nominal Ledger account (Profit & Loss)
	NP_LCSUSB	LC Susp BS A/C	Stock Landed Costs Suspense Nominal Ledger account (Balance Sheet)
CGLINE	CI_LC	Total Landed Cost	Total LC for a Goods Received Note (GRN) line.
ITRAN	IT_LC	Unit Landed Cost	Unit Landed Cost for SOP detail line.

VAT & Exchange Rates



Opera 3 Stock



Updates SEQCO

All tables update NEXTID

Landed Costs

Traceable Tables

Joins Information – Opera 3 Stock

TABLE	JOIN
ccarr	LEFT JOIN ccarr ON cghead.ch_dcref=ccarr.cc_ref
ccarr	LEFT JOIN ccarr ON crhead.rh_dcref=ccarr.cc_ref
ccarr	LEFT JOIN ccarr ON crhead.rh_dcref=ccarr.cc_ref
ccarr	LEFT JOIN ccarr ON cghead.ch_dcref=ccarr.cc_ref
ccatg	LEFT JOIN ccatg ON cname.cn_catag=ccatg.cg_code
ccatg	LEFT JOIN ccatg ON cname.cn_catag=ccatg.cg_code
ccatg	LEFT JOIN ccatg ON cname.cn_catag=ccatg.cg_code
ccatg	LEFT JOIN ccatg ON cname.cn_catag=ccatg.cg_code
ccatg	LEFT JOIN ccatg ON cname.cn_catag=ccatg.cg_code
ccatg	LEFT JOIN ccatg ON cname.cn_catag=ccatg.cg_code
ccatg	LEFT JOIN ccatg ON cname.cn_catag=ccatg.cg_code
cfact	LEFT JOIN cfact ON cname.cn_fact=cfact.cf_code
cfact	LEFT JOIN cfact ON cname.cn_fact=cfact.cf_code
cfact	LEFT JOIN cfact ON cname.cn_fact=cfact.cf_code
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cfact	LEFT JOIN cfact ON cname.cn_fact=cfact.cf_code
cfact	LEFT JOIN cfact ON cname.cn_fact=cfact.cf_code
cfact	LEFT JOIN cfact ON cname.cn_fact=cfact.cf_code
cfact	INNER JOIN cfact ON cname.cn_fact=cfact.cf_code
cfact	LEFT JOIN cfact ON cname.cn_fact = cfact.cf_code
cfact	LEFT JOIN cfact ON cname.cn_fact = cfact.cf_code

cfact	LEFT JOIN CFACT ON CNAME.CN_FACT=CFACT.CF_CODE
cfact	LEFT JOIN cfact ON cname.cn_fact = cfact.cf_code
cfact	left join cfact on cname.cn_fact = cfact.cf_code
cfact	left join cfact on cname.cn_fact = cfact.cf_code
cfact	left join cfact on cname.cn_fact=cfact.cf_code
cfact	left join cfact on cname.cn_fact = cfact.cf_code
cghead	LEFT JOIN cghead ON cgline.ci_chref=cghead.ch_ref
cghead	LEFT JOIN cghead ON cgline.ci_chref=cghead.ch_ref
cgline	LEFT JOIN cgline ON cmatch.cm_chref=cgline.ci_chref AND cmatch.cm_ciline=cgline.ci_line
cgline	LEFT JOIN cgline ON cbatch.cb_chref=cgline.ci_chref AND cbatch.cb_cgline=cgline.ci_line
chead	LEFT JOIN chead ON cline.cy_cxref=chead.cx_ref
clist	LEFT JOIN clist ON cdetl.cd_code=clist.cl_code AND cdetl.cd_curr=clist.cl_curr
clist	LEFT JOIN clist ON cdetl.cd_code=clist.cl_code AND cdetl.cd_curr=clist.cl_curr
clndcg	Left Join clndcg On clndcg.clg_code=clndct.clc_grpcde
clndcg	Left Join clndcg On clndcg.clg_code=clndct.clc_grpcde
clndct	Left Join clndct On clndct.clc_code=cnxtra.cnx_code01 And cnxtra.cnx_type=1
clndct	Left Join clndct On clndct.clc_code=ctxtra.ctx_code01 And ctxtra.ctx_type=1
cname	LEFT JOIN cname ON cstruc.cv_compone=cname.cn_ref
cname	LEFT JOIN cname ON chead.cx_assembl=cname.cn_ref
cname	LEFT JOIN cname ON chead.cx_assembl=cname.cn_ref
cname	LEFT JOIN cname ON cgline.ci_cnref=cname.cn_ref
cname	LEFT JOIN cname ON ctrack.ck_cnref=cname.cn_ref
cname	INNER JOIN cname ON ctran.ct_ref=cname.cn_ref
cname	LEFT JOIN cname ON csplit.cz_cnref=cname.cn_ref
cname	INNER JOIN cname ON cstwh.cs_ref=cname.cn_ref
cname	LEFT JOIN cname ON crline.ri_cnref=cname.cn_ref
cname	LEFT JOIN cname ON cgline.ci_cnref=cname.cn_ref
cname	LEFT JOIN cname ON cbatch.cb_cnref=cname.cn_ref
cname	LEFT JOIN cname ON cdetl.cd_ref=cname.cn_ref
cname	LEFT JOIN cname ON drline.dl_cnref=cname.cn_ref
cname	LEFT JOIN cname ON dsprod.ds_cnref=cname.cn_ref
cname	LEFT JOIN cname ON doline.do_cnref=cname.cn_ref
cname	LEFT JOIN cname ON ialloc.it_stock=cname.cn_ref
cname	LEFT JOIN cname ON itran.it_stock=cname.cn_ref
cname	LEFT JOIN cname ON jwipr.jw_stref=cname.cn_ref
cname	LEFT JOIN cname ON jeline.jd_stref=cname.cn_ref
cname	LEFT JOIN cname ON jccode.ja_stref=cname.cn_ref
cname	LEFT JOIN cname ON jbline.jb_stref=cname.cn_ref
cname	LEFT JOIN cname ON jccode.ja_stref=cname.cn_ref
cname	LEFT JOIN cname ON jcline.jd_stref=cname.cn_ref
cname	LEFT JOIN cname ON litran.lt_stock=cname.cn_ref
cname	LEFT JOIN cname ON lcprod.lc_cnref=cname.cn_ref
cname	LEFT JOIN cname ON pline.pl_cnref=cname.cn_ref
cname	LEFT JOIN cname ON doline.do_cnref=cname.cn_ref
cname	LEFT JOIN cname ON hsanal.sa_product=cname.cn_ref
cname	LEFT JOIN cname ON sanal.sa_product=cname.cn_ref
cname	LEFT JOIN cname ON cdetl.cd_ref=cname.cn_ref
cname	LEFT JOIN cname ON cserno.ce_cnref=cname.cn_ref
cname	LEFT JOIN cname ON cname.cn_ref=LEFT(znotes.zn_account,8)
cname	LEFT JOIN cname ON dmline.do_cnref=cname.cn_ref
cname	Left Join cname On cnxtra.cnx_ref =cname.cn_ref And cnxtra.cnx_type=1
cname	INNER JOIN cname ON ctran.ct_ref=cname.cn_ref
cname	LEFT JOIN cname ON dmactiv.stockref=cname.cn_ref
cname	LEFT JOIN CNAME ON dmestruc.partcode = cname.cn_ref

cname	LEFT JOIN CNAME ON DMEREG.EQUIPCODE=CNAME.CN_MODCODE
cname	LEFT JOIN CNAME ON DMKNOWL.PSTK= CNAME.CN_REF
cname	left join cname on dmactiv.stockref=cname.cn_ref
cname	left join cname on dmestruc.partcode = cname.cn_ref
cname	left join cname on dmereg.equipcode=cname.cn_modcode
cname	left join cname on dmknowl.pstk= cname.cn_ref
crhead	LEFT JOIN crhead ON crline.ri_rhref=crhead.rh_ref
cstruc	LEFT JOIN cstruc ON chead.cx_assembl=cstruc.cv_assembl
cstruc	LEFT JOIN cstruc ON chead.cx_assembl=cstruc.cv_assembl
cstwh	LEFT JOIN cstwh ON ctrack.ck_cnref=cstwh.cs_ref AND cstwh.cs_whar=ctrack.ck_loc
cstwh	LEFT JOIN cstwh ON ctran.ct_ref=cstwh.cs_ref AND ctran.ct_loc=cstwh.cs_whar
cstwh	LEFT JOIN cstwh ON doline.do_cnref=cstwh.cs_ref AND doline.do_cwcode=cstwh.cs_whar
cstwh	LEFT JOIN cstwh ON itran.it_stock=cstwh.cs_ref AND itran.it_cwcode=cstwh.cs_whar
cstwh	LEFT JOIN cstwh ON jwipr.jw_stref=cstwh.cs_ref AND jwipr.jw_stwh=cstwh.cs_whar
cstwh	LEFT JOIN cstwh ON jbline.jb_stref=cstwh.cs_ref AND jbline.jb_stwh=cstwh.cs_whar
cstwh	LEFT JOIN cstwh ON litran.lt_stock=cstwh.cs_ref AND lihead.lh_loc=cstwh.cs_whar
cstwh	LEFT JOIN cstwh ON dmline.do_cnref=cstwh.cs_ref AND dmline.do_cwcode=cstwh.cs_whar
cstwh	LEFT JOIN cstwh ON ctran.ct_ref=cstwh.cs_ref AND ctran.ct_loc=cstwh.cs_whar
ctakepr	left JOIN ctakepr ON cstwh.cs_takepr=ctakepr.ctk_code
ctakepr	left JOIN ctakepr ON cfact.cf_takepr=ctakepr.ctk_code
ctakepr	left JOIN ctakepr ON cparm.cp_takepr=ctakepr.ctk_code
ctakepr	LEFT JOIN ctakepr ON cfact.cf_takepr=ctakepr.ctk_code
ctran	LEFT JOIN ctran ON ctran.id=ctrack.ck_ctranid
ctran	Left Join ctran On ctxtra.ctx_ctrnid=ctran.id And ctxtra.ctx_type=1
cware	LEFT JOIN cware ON cgline.ci_bkware=cware.cw_code
cware	LEFT JOIN cware ON ctrack.ck_cwref=cware.cw_code
cware	LEFT JOIN cware ON ctran.ct_loc=cware.cw_code
cware	LEFT JOIN cware ON csplit.cz_cwref=cware.cw_code
cware	LEFT JOIN cware ON cstwh.cs_whar=cware.cw_code
cware	LEFT JOIN cware ON crline.ri_retware=cware.cw_code
cware	LEFT JOIN cware ON cgline.ci_bkware=cware.cw_code
cware	LEFT JOIN cware ON doline.do_cwcode=cware.cw_code
cware	LEFT JOIN cware ON ialloc.it_cwcode=cware.cw_code
cware	LEFT JOIN cware ON ihead.ih_loc=cware.cw_code
cware	LEFT JOIN cware ON jwipr.jw_stwh=cware.cw_code
cware	LEFT JOIN cware ON jbline.jb_stwh=cware.cw_code
cware	LEFT JOIN cware ON lihead.lh_loc=cware.cw_code
cware	LEFT JOIN cware ON sname.sn_dwar=cware.cw_code
cware	LEFT JOIN cware ON dmline.do_cwcode=cware.cw_code
cware	LEFT JOIN cware ON ctran.ct_loc=cware.cw_code
cware	LEFT JOIN cware ON sname.sn_dwar = cware.cw_code
cware	left join cware on sname.sn_dwar = cware.cw_code

Codes of interest

Breakdown of Codes	
Transaction Types	
Type	***Description***
I	Issue
R	Receipt
T	Return
J	Adjustment
X	Transfer
V	R.T.V
N	Negative
A	Allocation
W	Discard
D	Deallocate
O	Order

Database Structures

Pegasus Opera 3 Enterprise VFP Database Structures (Stock Tables)

Table : **CBATCH** Table Description : **Batch Numbers**

Field Name	Description	Type	Length	DPs	Further information
CB_CNREF	Stock Reference	C	16	0	Stock Reference.
CB_CUBREF	Batch No.	C	32	0	Batch Number.
CB_SLOTNO	Supplier's Lot No.	C	32	0	Supplier's Lot No.
CB_QTY	Batch Quantity	N	9	0	Batch Quantity
CB_MOVED	Moved Quantity	N	9	0	Moved Quantity
CB_QTYRET	Return Quantity	N	9	0	Return Quantity
CB_USEBY	Use by Date	D	8	0	Use by Date
CB_SELLBY	Sell by Date	D	8	0	Sell by Date
CB_STATUS	Used By Applications	L	1	0	Should ONLY BE USED by Traceability Applications.
CB_RETURN	Has Been R.T.V.'d	L	1	0	Should ONLY BE USED by Traceability Applications.
CB_CHREF	G.R.N. Reference	C	10	0	Master File CGHEAD
CB_CGLINE	Delivery Line No.	N	7	0	Delivery Line Number. Master File CGLINE
CB_CRREF	RTV Reference	C	10	0	RTV Reference
CB_CRLINE	RTV Line Number	N	7	0	RTV Line Number
CB_COST	Cost Price	N	9	0	Cost Price.
ID	Unique ID	N	10	0	
			Default Value :		NEWID(ALIAS())
CB_LC	Landed Cost	N	12	2	The Unit Landed Cost value for the associated Receipt
			Default Value :		0.00

Table : **CBATSE** Table Description : **Stock Batched/Serial**

Field Name	Description	Type	Length	DPs	Further information
CA_CNREF	Stock Reference	C	16	0	Stock Reference
CA_CUBREF	Batch Number	C	32	0	Batch Number
CA_CUSREF	Serial Number	C	32	0	Serial Number
CA_CWREF	Warehouse Ref.	C	4	0	Warehouse Ref.
CA_SLOTNO	Supplier's Lot No.	M	10	0	Supplier's Lot No.
CA_SUPPSN	Supplier's Serial No	M	10	0	Supplier's Serial No
CA_RELSED	Released To Stock	L	1	0	Released To Stock
CA_LOC	Location Bin No.	C	10	0	Location Bin No.
ID	Unique ID	N	10	0	
			Default Value :		NEWID(ALIAS())

Table : **CBAUD** Table Description : **Cashbook Audit File**

Field Name	Description	Type	Length	DPs	Further information
CE_UNIQUE	Unique Reference	N	8	0	
CE_REPONLY	Report-Only Entry	L	1	0	
CE_ACCOUNT	Account	C	12	0	
CE_RECTYPE	Record Type	N	1	0	
CE_OLDCURR	Old Currency Code	C	3	0	
CE_MEMO	Additional Text	M	10	0	
CE_TRDATE	Transaction Date	D	8	0	
CE_TRREF	Transaction Ref.	C	10	0	
CE_TRTYPE	Transaction Type	C	2	0	
CE_FCVAL1	Foreign Value #1	N	11	0	
CE_FCVAL2	Foreign Value #2	N	11	0	

CE_FCDEC	Foreign Decimals	N	1	0
CE_EURVAL1	Euro Value #1	N	11	0
CE_EURVAL2	Euro Value #2	N	11	0
CE_RATE	Exchange Rate	N	11	6
CE_CONDATE	Conversion Date	D	8	0
CE_CONBY	Converted By	C	8	0
CE_ARCHIVE	Archive account	C	12	0

Table : **CCARR** Table Description : **Carriers**

Field Name	Description	Type	Length	DPs	Further information
CC_REF	Carrier Reference	C	10	0	Carrier Reference *Rule :* "Carrier Reference cannot be blank" *Rule Expression :* .NOT. EMPTY(cc_ref)
CC_NAME	Carrier Name	C	30	0	Carrier Name *Rule :* "Carrier Name cannot be blank" *Rule Expression :* LEN(ALLTRIM(cc_name))>0
CC_ADDR1	Address Line 1	C	30	0	Address Line 1
CC_ADDR2	Address Line 2	C	30	0	Address Line 2
CC_ADDR3	Address Line 3	C	30	0	Address Line 3
CC_ADDR4	Address Line 4	C	30	0	Address Line 4
CC_PSTCODE	Post Code	C	8	0	Post Code
CC_CONTACT	Contact	C	30	0	Contact
CC_TELENO	Telephone No.	C	20	0	Telephone No.
CC_FAXNO	Fax No.	C	20	0	Fax No.
SQ_MEMO	Comments	M	10	0	Comments

Table : **CCATG** Table Description : **Categories**

Field Name	Description	Type	Length	DPs	Further information
CG_CODE	Category Code	C	4	0	Stock Category Code.(Primary Key)Related field in CNAME. *Rule :* "Category Code cannot be blank" *Rule Expression :* .NOT. EMPTY(cg_code)
CG_DESC	Category Description	C	20	0	Description of Stock Category. *Rule :* "Category Description cannot be blank" *Rule Expression :* LEN(ALLTRIM(cg_desc))>0
CG_ESTORE	Allow Gateway	C	1	0	
CG_STGDIA	Goods In A/C	C	8	0	Nominal Goods In Account
CG_STGDOA	Goods Out A/C	C	8	0	Nominal Goods Out Account
CG_STOCKA	Stock A/C	C	8	0	Nominal Stock Account
CG_BOMWIMA	BOM WIP Move A/C	C	8	0	Nominal BOM WIP Movement Account
CG_BOMWIA	BOM WIP A/C	C	8	0	Nominal BOM WIP Account
CG_STTRIN	Transfers In	C	8	0	Stock Transfers In
CG_STTROUT	Transfers Out	C	8	0	Stock Transfers Out

Table : **CDETL** Table Description : **Price Details**

Field Name	Description	Type	Length	DPs	Further information
CD_CODE	Price Group Code	C	8	0	Stock Price List Code.(Secondary Key)Related to primary table CLIST.
CD_REF	Stock Reference	C	16	0	Stock Reference.Related to CNAME.
CD_DESC	Description	C	40	0	Description of Stock Price List.
CD_SELL	Selling Price	N	9	0	Selling Price.
CD_SDATE1	Start Sale Date	D	8	0	Start of Sale Date.
CD_SDATE2	End Sale Date	D	8	0	Finish of Sale Date.
CD_SSELL	Sale Price	N	9	0	Sale Price.
CD_NSELL	Next Selling Price	N	9	0	Next Selling Price.
CD_NDATE	Next SP Date	D	8	0	Start Date of Next Price.
CD_SETT	Sett. Discount	L	1	0	Settlement discount flag.
CD_LINE	Line Discount	L	1	0	Line Discount flag.
CD_OVER	Overall Discount	L	1	0	Overall discount flag.
CD_QUAN1	Qty Brk 1	N	6	0	Quantity Brake 1.
CD_QUAN2	Qty Brk 2	N	6	0	Quantity Brake 2.
CD_QUAN3	Qty Brk 3	N	6	0	Quantity Brake 3.

CD_QUAN4	Qty Brk 4	N	6	0	Quantity Brake 4.
CD_QUAN5	Qty Brk 5	N	6	0	Quantity Brake 5.
CD_QUAN6	Qty Brk 6	N	6	0	Quantity Brake 6.
CD_QUAN7	Qty Brk 7	N	6	0	Quantity Brake 7.
CD_QUAN8	Qty Brk 8	N	6	0	Quantity Brake 8.
CD_QUAN9	Qty Brk 9	N	6	0	Quantity Brake 9.
CD_QUAN10	Qty Brk 10	N	6	0	Quantity Brake 10.
CD_SELL1	Qty Brk 1 Sell.Price	N	10	0	Selling Price For Quantity 1 Brake.
CD_SELL2	Qty Brk 2 Sell.Price	N	10	0	Selling Price For Quantity 2 Brake.
CD_SELL3	Qty Brk 3 Sell.Price	N	10	0	Selling Price For Quantity 3 Brake.
CD_SELL4	Qty Brk 4 Sell.Price	N	10	0	Selling Price For Quantity 4 Brake.
CD_SELL5	Qty Brk 5 Sell.Price	N	10	0	Selling Price For Quantity 5 Brake.
CD_SELL6	Qty Brk 6 Sell.Price	N	10	0	Selling Price For Quantity 6 Brake.
CD_SELL7	Qty Brk 7 Sell.Price	N	10	0	Selling Price For Quantity 7 Brake.
CD_SELL8	Qty Brk 8 Sell.Price	N	10	0	Selling Price For Quantity 8 Brake.
CD_SELL9	Qty Brk 9 Sell.Price	N	10	0	Selling Price For Quantity 9 Brake.
CD_SELL10	Qty Brk 10 Sell.Pric	N	10	0	Selling Price For Quantity 10 Brake.
CD_SSELL1	Qty Brk 1 Sale Price	N	10	0	Sale Price For Quantity 1 Brake.
CD_SSELL2	Qty Brk 2 Sale Price	N	10	0	Sale Price For Quantity 2 Brake.
CD_SSELL3	Qty Brk 3 Sale Price	N	10	0	Sale Price For Quantity 3 Brake.
CD_SSELL4	Qty Brk 4 Sale Price	N	10	0	Sale Price For Quantity 4 Brake.
CD_SSELL5	Qty Brk 5 Sale Price	N	10	0	Sale Price For Quantity 5 Brake.
CD_SSELL6	Qty Brk 6 Sale Price	N	10	0	Sale Price For Quantity 6 Brake.
CD_SSELL7	Qty Brk 7 Sale Price	N	10	0	Sale Price For Quantity 7 Brake.
CD_SSELL8	Qty Brk 8 Sale Price	N	10	0	Sale Price For Quantity 8 Brake.
CD_SSELL9	Qty Brk 9 Sale Price	N	10	0	Sale Price For Quantity 9 Brake.
CD_SSELL10	Qty Brk 10 Sale Pric	N	10	0	Sale Price For Quantity 10 Brake.
CD_NSELL1	Qty Brk 1 Next Price	N	10	0	Next Price For Quantity 1 Brake.
CD_NSELL2	Qty Brk 2 Next Price	N	10	0	Next Price For Quantity 2 Brake.
CD_NSELL3	Qty Brk 3 Next Price	N	10	0	Next Price For Quantity 3 Brake.
CD_NSELL4	Qty Brk 4 Next Price	N	10	0	Next Price For Quantity 4 Brake.
CD_NSELL5	Qty Brk 5 Next Price	N	10	0	Next Price For Quantity 5 Brake.
CD_NSELL6	Qty Brk 6 Next Price	N	10	0	Next Price For Quantity 6 Brake.
CD_NSELL7	Qty Brk 7 Next Price	N	10	0	Next Price For Quantity 7 Brake.
CD_NSELL8	Qty Brk 8 Next Price	N	10	0	Next Price For Quantity 8 Brake.
CD_NSELL9	Qty Brk 9 Next Price	N	10	0	Next Price For Quantity 9 Brake.
CD_NSELL10	Qty Brk 10 Next Pric	N	10	0	Next Price For Quantity 10 Brake.
CD_STATUS	Status	C	1	0	Status Field To Indicate 'Added,Edited andInserted'
CD_CURR	Currency Code	C	3	0	Foreign Currency Code.
CD_FUNDEC	Foreign Unit Decimal	N	1	0	Foreign Unit Number of Decimals
CD_DATE	Date Created/updated	D	8	0	
CD_TIME	Time Created/updated	C	8	0	
cd_oldpl	Old Price Group Code	C	8	0	
CD_DESCOVR	Description override	L	1	0	
			Default Value :		.F.
CD_DESCUDS	Description run by UDS	L	1	0	
			Default Value :		.F.

Table : **CDISC** Table Description : **Disc. Matrix**

Field Name	Description	Type	Length	DPs	Further information
SD_CODE	Discount Code	C	12	0	Discount Matrix Code.(Primary Key) First 8 Characters Related to SNAME Last 4 Characters Related to CNAME
SD_DESC	Description	C	20	0	Price Matrix Description.
SD_DISC	Discount	N	5	2	Discount Percentage.
SD_QUAN1	Qty Brk 1	N	6	0	Quantity Brake 1.
SD_QDIS1	Qty Brk 1 Discount	N	5	2	Discount for quantity brake 1.
SD_QUAN2	Qty Brk 2	N	6	0	Quantity Brake 2.
SD_QDIS2	Qty Brk 2 Discount	N	5	2	Discount for quantity brake 2.
SD_QUAN3	Qty Brk 3	N	6	0	Quantity Brake 3.
SD_QDIS3	Qty Brk 3 Discount	N	5	2	Discount for quantity brake 3.
SD_QUAN4	Qty Brk 4	N	6	0	Quantity Brake 4.
SD_QDIS4	Qty Brk 4 Discount	N	5	2	Discount for quantity brake 4.

SD_QUAN5	Qty Brk 5	N	6	0	Quantity Brake 5.
SD_QDIS5	Qty Brk 5 Discount	N	5	2	Discount for quantity brake 5.
SD_QUAN6	Qty Brk 6	N	6	0	Quantity Brake 6.
SD_QDIS6	Qty Brk 6 Discount	N	5	2	Discount for quantity brake 6.
SD_QUAN7	Qty Brk 7	N	6	0	Quantity Brake 7.
SD_QDIS7	Qty Brk 7 Discount	N	5	2	Discount for quantity brake 7.
SD_QUAN8	Qty Brk 8	N	6	0	Quantity Brake 8.
SD_QDIS8	Qty Brk 8 Discount	N	5	2	Discount for quantity brake 8.
SD_QUAN9	Qty Brk 9	N	6	0	Quantity Brake 9.
SD_QDIS9	Qty Brk 9 Discount	N	5	2	Discount for quantity brake 9.
SD_QUAN10	Qty Brk 10	N	6	0	Quantity Brake 10.
SD_QDIS10	Qty Brk 10 Discount	N	5	2	Discount for quantity brake 10.
SD_CDIS1	Qty Brk 1 Disc %	N	5	2	Discount Percentage for quantity brake 1.
SD_CDIS2	Qty Brk 2 Disc %	N	5	2	Discount Percentage for quantity brake 2.
SD_CDIS3	Qty Brk 3 Disc %	N	5	2	Discount Percentage for quantity brake 3.
sd_lupdate	Last Updated Date	D	8	0	
sd_luptime	Last Updated Time	C	8	0	

Table : **CFACT** Table Description : **Profiles**

Field Name	Description	Type	Length	DPs	Further information
CF_CODE	Profile Code	C	4	0	Stock Profile Code.(Primary Key)Related to CNAME
				Rule :	"Profile Code cannot be blank"
				Rule Expression :	.NOT. EMPTY(cf_code)
CF_NAME	Description	C	20	0	Stock Profile Description.
				Rule :	"Description cannot be blank"
				Rule Expression :	LEN(ALLTRIM(cf_name))>0
CF_FACTOR	Factor	N	6	0	Factor Quantity.
CF_DESC	Unit Description	C	8	0	Unit Description.
CF_FACTDP	F.Decimal or Factor	C	1	0	Indicator for 'F' factor or 'D' decimal quantity.
				Default Value :	"D"
CF_SPLIT	Split Pack	L	1	0	Flag for Split pack or not, for factored items.
CF_DPS	Q.Decimal Places	N	1	0	Quantity decimal places for non factored items.
				Default Value :	2
CF_UPLIFT	Split Pack Surcharge	N	5	2	Split pack surcharge percenatage.
CF_SELLDPS	P.Decimal Places	N	1	0	Price decimal places.
				Default Value :	2
CF_FIFO	FIFO	L	1	0	FIFO/NONFOFO item indicator.
CF_AVER	Average Cost	L	1	0	Average/Standard costing flag.
				Default Value :	.T.
CF_STOCK	Stock Item	L	1	0	Stocked/Non Stocked Items(Service type items)
				Default Value :	.T.
CF_SELLUPL	SP.Up Lift	N	6	2	Selling price uplift from cost price.
				Default Value :	0.00
CF_ISQTY	Issue Qty Default	N	9	0	Default issue quantity.
				Default Value :	0
CF_MODDATE	Last Modified	D	8	0	Last modifield date of profile.
CF_DFPRICE	Default Issue Price	C	1	0	Default Issue Price in Stock Processing to beStd/Average Cost, Last Cost or Selling.
				Default Value :	"C"
CF_BATCH	Batch Traceable	L	1	0	Flage for Batch Traceable Stock Items.
CF_SERIAL	Serial Traceable	L	1	0	Flag For Serial Traceability Stock Items.
CF_LABOUR	Labour Item	L	1	0	Labour/Material Items
CF_TAKEPR	Stocktake Profile	C	4	0	Stocktake Profile

Table : **CGHEAD** Table Description : **G.R.N. Header**

Field Name	Description	Type	Length	DPs	Further information
CH_REF	GRN Reference	C	10	0	GRN Reference
				Rule :	"GRN Reference cannot be blank"
				Rule Expression :	.NOT. EMPTY(ch_ref)
CH_STATUS	Status	C	1	0	Status
CH_DCREF	Carrier Reference	C	10	0	Carrier Reference
CH_DATE	Delivery Date	D	8	0	Delivery Date

				Rule :	"Delivery Date cannot be blank"
				Rule Expression :	.NOT. EMPTY(ch_date)
CH_TIME	Delivery Time	C	8	0	Delivery Time
CH_DELCHG	Delivery Charge	N	9	2	Delivery Charge
CH_VAT	Delivery VAT	N	9	2	Delivery VAT
CH_USER	Receiver's User Id	C	8	0	Receiver's User Id
				Rule :	"Receiver User Id cannot be blank"
				Rule Expression :	.NOT. EMPTY(ch_user)
CH_DREF	Delivery Ref.	C	10	0	Delivery Ref.
				Rule :	"Delivery Ref. cannot be blank"
				Rule Expression :	.NOT. EMPTY(ch_dref)
SQ_CRDATE	Date Created	D	8	0	Date Created
SQ_CRTIME	Time Created	C	8	0	Time Created
SQ_CRUSER	User Created	C	8	0	User Created
SQ_AMDATE	Date Last Amendment	D	8	0	Date Last Amendment
SQ_AMTIME	Time Last Amendment	C	8	0	Time Last Amendment
SQ_AMUSER	User Last Amended	C	8	0	User Last Amended
SQ_MEMO	Comments	M	10	0	Comments
CH_CREATOR	GRN Originator	C	10	0	GRN Creator Process ID
CH_SHIPREF	Shipping Ref.	C	20	0	Shipping Reference (for Receipt transactions only)

Table : **CGLINE** Table Description : **G.R.N. Lines**

Field Name	Description	Type	Length	DPs	Further information
CI_CHREF	GRN Reference	C	10	0	GRN Reference
CI_LINE	Line Number	N	7	0	Line Number
CI_DNOTE	Delivery Note. Ref.	C	10	0	Delivery Note. Ref.
CI_ACCOUNT	Supplier Account	C	8	0	Supplier Account
CI_SUPREF	Supplier Stock Ref	C	16	0	Supplier Stock Ref
CI_DESC	Supp's description	C	40	0	Supp's description
CI_CNREF	Stock Reference	C	16	0	Stock Reference
CI_WEIGHT	Weight Received	N	6	2	Weight Received
CI_CONDIT	Receipt Condition	C	30	0	Receipt Condition
CI_QTYRCV	Quantity Received	N	9	0	Quantity Received
CI_ASSGND	Quantity Assigned	N	9	0	Quantity Assigned
CI_QTYREL	Quantity Released	N	9	0	Quantity Released
CI_QTYRET	Quantity RTV'd	N	9	0	Quantity Returned To Vendor
CI_QTYMAT	Quantity Matched	N	9	0	Quantity Matched Against Purchase Orders.
CI_COST	Unit cost	N	12	0	Unit cost
CI_VALUE	Value of Delivery	N	12	0	Value of Delivery
CI_BKWARE	W'house b'ked into	C	4	0	W'house b'ked into
CI_RELDATE	Last Released Date	D	8	0	Last Released Date
CI_TOWH	Destination W/H	C	4	0	Application Specific Work Field.
CI_BALQTY	Balance Quantity	C	11	0	Work Field
CI_RELQTY	Quantity To Release	C	11	0	Work Field
CI_SFIED	Satisfied	L	1	0	Work Field
CI_DCREF	Picked P.O. Ref	C	10	0	Progresed P.O Ref. Work Field
CI_DCLINE	Picked P.O. Line	N	7	0	Progresed P.O Line. Work Field
CI_DELQUAL	Last Del Quality	C	10	0	Last Del Quality
SQ_MEMO	Comments	M	10	0	Comments
CI_CREATOR	GRN Originator	C	10	0	GRN Creator Process ID
CI_WOREF	Picked W.O. Ref	C	10	0	Progresed W.O Ref. Work Field
CI_LC	Total Landed Cost	N	12	2	Total Landed Cost
				Default Value :	0.00

Table : **CHEAD** Table Description : **Work Orders**

Field Name	Description	Type	Length	DPs	Further information
CX_REF	W/Order Reference	C	10	0	Order Key
CX_ASSEMBL	Assembly Ref.	C	16	0	Assembly item stock code
CX_CANCEL	Cancelled Order	L	1	0	Cancelled Indicator
CX_CWCODE	Intended Warehouse	C	4	0	Warehouse Code
CX_CUSNAM	Customer Name	C	30	0	Customer Name
CX_CUSAD1	Customer Address 1	C	30	0	Customer Address
CX_CUSAD2	Customer Address 2	C	30	0	

CX_CUSAD3	Customer Address 3	C	30	0	
CX_CUSAD4	Customer Address 4	C	30	0	
CX_CUSADPC	Customer Post Code	C	8	0	Customer Post Code
CX_CUSTELE	Customer Phone No.	C	20	0	Customer Telephone Number
CX_CUSFAX	Customer Fax Number	C	20	0	Customer Fax Number
CX_NARR1	Narrative Line 1	C	75	0	Narrative Line 1
CX_NARR2	Narrative Line 2	C	75	0	Narrative Line 2
CX_CMPDATE	Completed	D	8	0	Work order completed date
CX_TOTVAL	Total Value	N	18	6	Total value for order as calcualted fromcomponents
CX_MATVAL	Material Value	N	18	6	Material value of order as calculated fromcomponents
CX_LABVAL	Labour Value	N	18	6	Labour value of order as calculated fromcomponents
CX_REF2	Reference	C	15	0	
CX_ORDQTY	Qty. Ordered	N	9	0	Quantity Ordered
CX_MADEQTY	Qty. Made	N	9	0	Quantity Made
CX_ORDDATE	Date Ordered	D	8	0	Date Ordered
CX_DUEDATE	Date Due	D	8	0	Date Due
CX_WOSTAT	Status	C	1	0	Work order status
CX_SALEACC	Sales A/C	C	10	0	Sales Account Number
CX_SOREF	Sales Order Ref	C	10	0	Sales Order Ref.
CX_KITTING	Kitting Flag	L	1	0	Kitting Flag
SQ_CRDATE	Date Created	D	8	0	
SQ_CRTIME	Time Created	C	8	0	
SQ_CRUSER	User Created	C	8	0	
SQ_AMDATE	Date Last Amendment	D	8	0	
SQ_AMTIME	Time Last Amendment	C	8	0	
SQ_AMUSER	User Last Amended	C	8	0	
SQ_MEMO	Comments	M	10	0	
CX_WIPQTY	Qty. WIP	N	9	0	Quantity Work In Progress
CX_ALLOQTY	Qty. Allocated	N	9	0	Quantity Allocated
CX_PRICE	Cost Price	N	9	0	Assembly Cost Price
CX_MATCOST	Material Cost	N	9	0	Assembly Material Cost Price
CX_JCSTDOC	Job	C	10	0	Costing Job Number Key
CX_JPHASE	Phase	C	3	0	Costing Phase Key
CX_JCCODE	Cost Code	C	16	0	Costing Code Code Key
CX_JLINE	Job Line	C	10	0	Costing Job Line Number
CX_DESC	Description	C	40	0	Assembly item description.
CX_EXTEND	Extended Description	M	10	0	Assembly item extended description.
CX_LABCOST	Labour Cost	N	9	0	Assembly Labour Cost Price
CX_QCWCODE	Quarantine Warehouse	C	4	0	Quarantine warehouse for traceable assembly item
CX_REVIS	W/Order Revision	C	1	0	Revision of W/Order, when it was last printed /updated.
CX_DISCQTY	Qty. Discarded	N	9	0	Quantity Discarded
CX_SODOC	Sales Order Doc. No.	C	10	0	Sales Order Document No.

Table : **CLINE** Table Description : **W/Order Lines**

Field Name	Description	Type	Length	DPs	Further information
CY_CXREF	W/Order Ref.	C	10	0	Work Order Key
CY_CVRECNO	Structure Record No.	N	10	0	Record number of component in structure file
CY_ASSEMBL	Assembly Ref.	C	16	0	Assembly Reference Code, parent (sub-)assembly ofthis component
CY_LINENO	Line Number	N	7	0	Line Number for HEader details
CY_CNREF	Stock Reference	C	16	0	Stock Reference
CY_DESC	Description	C	40	0	Description
CY_EXTEND	Extended Description	M	10	0	
CY_CWCODE	Intended Warehouse	C	4	0	Warehouse Code
CY_REQQTY	Quantity Required	N	12	0	Required Quantity
CY_CMPLQTY	Quantity Completed	N	12	0	Quantity Completed, stock progressed from WIP tofinished assembly
CY_REQDATE	Date Required	D	8	0	Required Date
CY_ISSDATE	Date Issued	D	8	0	Component Issue Date
CY_PRICE	Price	N	12	0	Order Price

CY_VALUE	Value	N	18	6	Line value
CY_ISASSM	Not used	L	1	0	Not used
CY_CXREF2	Reference	C	17	0	Works Order 2nd Reference
CY_CVCOREF	Component Ref.	C	15	0	Component Reference
CY_PATH	Component Level	C	80	0	Component Level
CY_SUBASSM	Sub Assembly Flag	C	1	0	Sub Assembly Flag.Allows component to be treated as a sub-assembly:It can expanded or contracted on works orderdepending on the current state of this flag.'+' = expandable, '-' = expanded (can becontracted), otherwise cannot be expanded orcontracted.
CY_PHASSM	Phantom Flag	L	1	0	Phantom Assembly Flag
CY_TOMAKE	Qty. To Make	N	12	0	Quantity To Make
CY_FROMST	Qty. From Stock	N	12	0	Quantity From Stock
SQ_AMUSER	User Last Amended	C	8	0	
SQ_MEMO	Comments	M	10	0	
SQ_CRDATE	Date Created	D	8	0	
SQ_CRTIME	Time Created	C	8	0	
SQ_CRUSER	User Created	C	8	0	
SQ_AMDATE	Date Last Amendment	D	8	0	
SQ_AMTIME	Time Last Amendment	C	8	0	
CY_ALLOQTY	Qty. Allocated	N	12	0	Component quantity allocated
CY_WIPQTY	Qty. WIP	N	12	0	Component quantity on work in progress
CY_COQUANT	Qty. Component	N	12	0	Quantity required to make minimum number ofcomponent's immediate assembly
CY_TOPROCE	Qty. To Process	N	12	0	Quantity of sub-assembly required to be made fromcomponents.NOTE: For use in calculations within headerdetails. Holds no useful information about thestatus of the order or the stock items.
CY_ASSMMIN	Assembly Minimum	N	12	0	Minimum that can be made of this component'sassembly (CY_ASSEMBL)
CY_SHOW	Display Line	L	1	0	Display line in browse windows
CY_LABOUR	Labour Item	L	1	0	Labour/Material Item
CY_STOCK	Stock Item	L	1	0	Stocked item
CY_CXASSM	W/Order Assembly	C	16	0	Assembly item being made on works order
CY_WIPVAL	Component WIP Value	N	12	2	Component WIP Value

Table : **CLIST** Table Description : **Price List**

Field Name	Description	Type	Length	DPs	Further information
CL_CODE	Price List Code	C	8	0	Stock Price list Code(Primary key)Related to CDETL.
				Rule :	"Price List Code cannot be blank"
			Rule Expression :		.NOT. EMPTY(cl_code)
CL_DESC	Description	C	30	0	Description of price list.
				Rule :	"Description cannot be blank"
			Rule Expression :		LEN(ALLTRIM(cl_desc))>0
CL_CURR	F.Currency Code	C	3	0	Currency code.
CL_FCDEC	Decimal Places	N	1	0	Foreign Currency decimal places.

Table : **CLNDCG** Table Description : **Stock LC Groups**

Field Name	Description	Type	Length	DPs	Further information
CLG_CODE	Code	C	4	0	Landed Cost Group Code
CLG_DESC	Description	C	25	0	Landed Cost Group Description
CLG_MEMO	Memo	M	4	0	Landed Cost Group Memo
CLG_LCIN	LC In A/C	C	8	0	Landed Cost Group 'In' Nominal Account
CLG_LCOUT	LC Out A/C	C	8	0	Landed Cost Group 'Out' Nominal Account
CLG_LCST	Stock LC A/C	C	8	0	Landed Cost Group 'Stock' Nominal Account
ID	Unique ID	N	10	0	Unique ID
				Default Value :	NEWID(ALIAS())

Table : **CLNDCT** Table Description : **Stock LC Types**

Field Name	Description	Type	Length	DPs	Further information

CLC_CODE	Code	C	4	0	Landed Cost Type Code
CLC_GRPCDE	Group Code	C	4	0	Landed Cost Group Code
CLC_DESC	Description	C	25	0	Landed Cost Type Description
CLC_MEMO	Memo	M	4	0	Landed Cost Type Memo
CLC_METHOD	Calc. Method	N	2	0	Landed Cost Calculation Method (1=Fixed value, 2=Percentage, 3=Aggregated (%))
CLC_MTHVAL	LC Method Value	N	12	2	Landed Cost Values Associated With Calculation Method
			Default Value :		0.00
CLC_LCIN	LC In A/C	C	8	0	Landed Cost Type 'In' Nominal Account
CLC_LCOUT	LC Out A/C	C	8	0	Landed Cost Type 'Out' Nominal Account
CLC_LCST	Stock LC A/C	C	8	0	Landed Cost Type 'Stock' Nominal Account
ID	Unique ID	N	10	0	Unique ID
			Default Value :		NEWID(ALIAS())

Table : **CMATCH** Table Description : **G.R.N. Lines Matched**

Field Name	Description	Type	Length	DPs	Further information
CM_CHREF	GRN Reference	C	10	0	GRN Reference
CM_CILINE	Delivery Line No.	N	7	0	Delivery Line No.
CM_DCREF	Order Reference	C	10	0	Order Reference
CM_DCLINE	Order Line	N	7	0	Order Line
CM_QTY	Matched Quantity	N	9	0	Matched Quantity
SQ_CRDATE	Date Created	D	8	0	Date Created
SQ_CRTIME	Time Created	C	8	0	Time Created
SQ_CRUSER	User Created	C	8	0	User Created

Table : **CNAME** Table Description : **Names (Stk)**

Field Name	Description	Type	Length	DPs	Further information
CN_REF	Stock Reference	C	16	0	Stock Reference.(Primary Key)(secondary Keys) CN_CATAG,CN_FACTRelated to CSTWH,CFACT,CATAG
				Rule :	"Stock Reference cannot be blank"
			Rule Expression :		.NOT. EMPTY(cn_ref)
CN_CAT	Search Ref 1	C	16	0	Alternative part number, Manufacturers code,Catalog number or Barcode number.
CN_CAT2	Search Ref 2	C	16	0	Alternative part number, Manufacturers code,Catalog number or Barcode number.
CN_DESC	Description	C	40	0	Stock Description.
				Rule :	"Stock Description cannot be blank"
			Rule Expression :		.NOT. EMPTY(cn_desc)
CN_ANAL	Analysis Code	C	8	0	Sales Analysis Code.EMPTY for Descriptive Items.
CN_CATAG	Category Key	C	4	0	Stock category.Related to CCATG.
CN_FACT	Factor	C	4	0	Stock Profile code.Related to CFACT.
CN_SELL	Selling Price	N	9	0	Selling price.
CN_COST	Cost Price	N	9	0	Cost Price.
CN_LCOST	Last Cost Price	N	9	0	Last Cost price.
CN_DISCMAT	Discount Matrix Code	C	4	0	Discount matrix code.
CN_ALT1	Alt. Code 1	C	16	0	Alternative Stock Reference code 1.
CN_ALT2	Alt. Code 2	C	16	0	Alternative Stock Reference code 2.
CN_ALT3	Alt. Code 3	C	16	0	Alternative Stock Reference code 3.
CN_EXTEN	Extension Desc.	M	10	0	Extended Stock Description.
CN_SSELL	Sale Price	N	9	0	Sale Price.
CN_SDATE1	Sale Start Date	D	8	0	Sale Start date.
CN_SDATE2	Sale End Date	D	8	0	Sale Finish Date.
CN_NSELL	Next Price	N	9	0	Next Price.
CN_NDATE	Next Price Start	D	8	0	Start date for Next Price.
CN_SETT	Sett. Disc	L	1	0	Settlement discount flag.
CN_LINE	Line Disc.	L	1	0	Line discount flag.
CN_OVER	Overall Disc.	L	1	0	Overall discount flag.
CN_OANAL	Anal Code Override	L	1	0	Overide Analysis code flag.
CN_UNITW	Unit Weight	N	6	2	Unit Weight.
CN_UNITV	Unit Volume	N	6	2	Unit Volume.

CN_NTMASS	Net Mass Qty	N	8	3	Netmass quantity foe EEC VAT module.
CN_INSTOCK	Quantity In Stock	N	9	0	Total Instock Quantity for the Stock Item.
CN_FREEST	Free Stock Quantity	N	12	0	Total Free Stock for stock item.
CN_ALLOC	Quantity Allocated	N	9	0	Total allications for the item.
CN_ONORDER	Quantity On Order	N	9	0	Total Purchase orders raised.
CN_SALEORD	Sales Order Qty	N	9	0	This is the total quantity in all warehouses ofthis product waiting to be processed by the SOPsystem. This figure is increased when an order ordelivery is entered and reduced when that order ordelivery is invoiced.
CN_SUPER	Superseded By	C	16	0	Super seeded by this stock reference on a givendate.
CN_SUPDATE	Superseded Date	D	8	0	Super seeded on this date.
CN_LASTISS	Last Issued	D	8	0	Last Issue date.
CN_LASTRCT	Last Receipt	D	8	0	Last receipt date.
CN_COMCODE	Commodity Code	C	11	0	Stock commodity code. Requirement for EEC VATmodule.
CN_CNTORIG	Origin Country	C	2	0	Country of origin of stock item. Required for EECVAT moule.
CN_MEMO	Memo	M	10	0	Stock Memo.
CN_SETTSAL	Sett. Disc for SP	L	1	0	Settlement discount for sale price.
CN_OVERSAL	Over. Disc for SP	L	1	0	Overall discount for Sale price.
CN_LINESAL	Line Disc for SP	L	1	0	Line discount for Sale price.
CN_LINEOVR	Override L.Disc SP	L	1	0	Overide Line discount for Sale price.
CN_SUPUNIT	Supp. Units	N	8	3	Supplementary Units For EC-VAT
CN_PANAL	Purchase Code	C	8	0	Purchase Code
CN_OPANAL	PAnal Code Override	L	1	0	PAnal Code Override
CN_NBATCH	Next Batch Number	C	32	0	Next Batch Number
CN_NSERIAL	Next Serial Number	C	32	0	Next Serial Number
CN_BARCODE	Bar Code	C	13	0	Barcode used on this product. Intended for usewithin EDI module.
CN_PACSIZE	Default Pack Size	N	5	0	Default pack size to be used when receipt of EDISales Order. Sales Orders maybe received in packsize and require to be multiplied by a pack sizefor internal order quantities. (This does noteffect Factoring). EDI Sales Orders received inunit quantites may require to be ordered in Packsize, this value will then divide into thequantity.
CN_KEY1	Key 1 Field	C	5	0	Record search key - do not alter.
CN_KEY2	Key 2 Field	C	5	0	Record search key - do not alter.
CN_KEY3	Key 3 Field	C	5	0	Record search key - do not alter.
CN_KEY4	Key 4 Field	C	5	0	Record search key - do not alter.
CN_ASSMFLG	Assembly Item	L	1	0	Assembly Item Flag
CN_MATCOST	Material Cost	N	9	0	Material cost
CN_LABCOST	Labour Cost	N	9	0	Labour cost
CN_WOALLOC	WO Allocated	N	9	0	Quantity allocated for works orders
CN_WORKORD	Works Order Qty	N	9	0	Quantity on works order
CN_COMPWIP	Component WIP	N	9	0	Component Work In Progress
CN_KITTING	Kitting	L	1	0	Kitting flag
CN_MANTIME	Manufacturing Time	N	4	0	Manufacturing time
CN_ASSMMIN	Minimum	N	9	0	Minimum assembly quantity
CN_DEFWH	Default W/H	C	4	0	Default assembly/component warehouse
CN_PHASSM	Phantom	L	1	0	Phantom assembly flag
CN_DRAWREF	Drawing Reference	C	40	0	BOM Drawing Reference
CN_REVISN	Drawing Revision	C	40	0	Drawing Revision
CN_MODEL	Model	L	1	0	
			Default Value :		.F.
CN_ESTORE	Gateway flag	C	1	0	balnk if never used Y if used, N If used previously
CN_LUPDATE	Update date	D	8	0	
CN_LUPTIME	Update time	C	8	0	
cn_pict	Picture	M	4	0	
cn_thumb	Thumbnail	M	4	0	
cn_wcat	Gateway Category	C	20	0	
CN_ALLOWSO	Allow S/Order	L	1	0	Allow item on Sales Orders

			Default Value :		.T.
CN_ALLOWPO	Allow P/Order	L	1	0	Allow item on Purchase Orders
			Default Value :		.T.
CN_DORMANT	Dormant	L	1	0	Is the item dormant
			Default Value :		.F.
CN_LUPDBOM	BOM Edit Last Update	T	8	0	Time of last update of a BOM edit
CN_REVCHRG	Reverse Charge Indicator	L	1	0	Reverse Charge Indicator
			Default Value :		.F.
CN_APPLYLC	Apply Landed Costs	L	1	0	Apply Landed Costs (True=Apply to this stock item)
CN_LC	Unit Landed Cost	N	10	2	Unit Landed Cost (contains Average LC or Standard LC based on stock profile)
			Default Value :		0.00
CN_LLC	Last Unit Landed Cost	N	10	2	Last Unit Landed Cost (amount recorded from Receipt)
			Default Value :		0.00
cn_eimport	Stock Equip Import Flag	L	0	0	
cn_modcode	Stock Model Code	C	15	0	
cn_prodtpe	Stock Product Code	C	10	0	

Table : **CNOML** Table Description : **Stk Nominal Transfer**

Field Name	Description	Type	Length	DPs	Further information
CX_NACNT	Account	C	8	0	Nominal Account
CX_NCNTR	Cost Centre	C	4	0	Nominal Cost Centre
CX_TYPE	Stock Type	C	1	0	Stock Type
CX_DATE	Stock Tran. Date	D	8	0	Stock Transaction Date
CX_VALUE	Value	N	12	2	Cost Value - the price received/issued at.
CX_TREF	Reference	C	40	0	Reference (Stock code + Warehouse + Tran. Ref)
CX_COMMENT	Comment	C	40	0	Comment (Account + 2nd Stock Ref)
CX_DONE	Transferred	C	1	0	Transferred to Nominal yet?
CX_SRCCO	Source Company	C	1	0	Source Company ID
CX_CDESC	Item Description	C	40	0	Stock Description
ID	Unique ID	N	10	0	Unique ID
			Default Value :		NEWID(ALIAS())
CX_UNIQUE	Unique ID	C	8	0	Unique ID
CX_JRNL	Journal Number	N	8	0	Nominal Journal Number
CX_TRANID	Transaction ID	C	10	0	Transaction ID (for stock to nominal link)
CX_PROJECT	Nominal Project	C	8	0	Nominal Project (for stock to nominal link)
CX_JOB	Nominal Department	C	8	0	Nominal Department (for stock to nominal link)
CX_MTYPE	Movement Type	C	10	0	Movement Type (for stock to nominal link).
CX_NLPDATE	NL Posting Date	D	8	0	Nominal posting date

Table : **CNXTRA** Table Description : **Stock Name Extra**

Field Name	Description	Type	Length	DPs	Further information
CNX_REF	Stock Reference	C	16	0	CNAME Extra Stock Reference
CNX_TYPE	Record Type	N	4	0	CNAME Extra Record Type
CNX_CODE01	Lookup Code 01	C	20	0	CNAME Extra Lookup Code #1
CNX_VAL01	Record Value 01	N	12	2	CNAME Extra Record Value #1 (as determined by Record Type)
			Default Value :		0.00
CNX_LOG01	Record Flag 01	L	1	0	CNAME Extra Record Flag #1 (as determined by Record Type)
CNX_MEM01	Record Memo 01	M	4	0	CNAME Extra Record Memo #1
ID	Unique ID	N	10	0	Unique ID
			Default Value :		NEWID(ALIAS())
CNX_LOG02	Record Flag 02	L	1	0	CNAME Extra Record Flag #2 (as determined by Record Type)

Table : **CPARM** Table Description : **Stock Parameters**

Field Name	Description	Type	Length	DPs	Further information
CP_GRNREF	Goods Received Note	C	10	0	Goods Received Note
				Rule :	"Goods Received Note cannot be blank"

				Rule Expression :	.NOT. EMPTY(cp_grnref)
CP_TRACK	Track Stock History	L	1	0	Track Stock History. Number of months to keepctrack records for.
CP_LOCFLAG	Use Multi-Warehouse	L	1	0	Use Multi-Warehouse
CP_RTVREF	Return To Vendor	C	10	0	Return To Vendor
				Rule :	"Return To Vendor cannot be blank"
				Rule Expression :	.NOT. EMPTY(cp_rtvref)
CP_DEFWARE	Def.Link Warehouse	C	4	0	Default Link Warehouse. Used During Stock AddProcess.
CP_KEEPTRC	Keep Trace Items	N	3	0	Keep Completed Traceable Items For SpecifiedNumber Of Months.
CP_PROCESS	Special Process	C	8	0	Special Process
CP_WOREF	Works Order Number	C	10	0	Works Order Number
CP_BOMLEV	BOM Issue Level	C	1	0	BOM Issue Level: T=top level, B=bottom level,H=highest level
CP_BMISAL	BOM Issue/Alloc	C	1	0	BOM Allocations or Issues.A= allocate stock on creation Works Order.I= issue stock to WIP on creation of Works Order.
CP_WOPRINT	Print Works Order	L	1	0	If true, works order to be printed oncreation/amendment.
CP_BMJCCST	BOM Costing Cost	N	1	0	BOM to Costing Cost - This determines which costis used when creating costs inthe costing module.1 = Stock items cost price.2 = Material cost price.3 = Total of material + labour price.
CP_SUBWKO	Sub Works Order	L	1	0	Create Sub Works Order - This determines whetherseparatesub orders are to be created for sub assemblies ina Work Order.It is only active if the BOM Issue level is bottomlevel ormulti level.
CP_FRCGRN	Force Quarantine Warehouse	L	1	0	Force Quarantine Warehouse For Traceable Items.
				Default Value :	.T.
CP_ASGNRCT	Prompt Assignment	N	1	0	Prompt Option To Assign At Receipt. Used by Direct Receipt and POP. 0 - Don't Prompt Assign later 1 - Prompt for assignment 2 - Don't Prompt But Assign
				Default Value :	2
CP_QRNREL	Auto Release From Quarantine	L	1	0	Auto release stock items if received into a quarantine warehouse
				Default Value :	.F.
CP_SHOWSP	Show Selling Price	L	1	0	
CP_SHOWQTY	Show Quantity	L	1	0	
CP_SHOWRF1	Show Search Ref. 1	L	1	0	
CP_SHOWRF2	Show Search Ref. 2	L	1	0	
CP_INCDORMANT	Include Dormant Items	L	1	0	Include dormant items on Stock/BOM enquiries
				Default Value :	.F.
CP_NLCOID	Stock - Nominal Link	C	1	0	Company ID for Stock to Nominal Link
CP_OPAWARN	Warn if Posting Non Current	L	1	0	Warn if not posting to the current NL period
CP_TAKEPR	Stocktake Profile Code	C	4	0	Stocktake Profile Code

Table : **CRHEAD** Table Description : **R.T.V. Header**

Field Name	Description	Type	Length	DPs	Further information
RH_REF	RTV Reference	C	10	0	RTV Reference
				Rule :	"RTV Reference cannot be blank"
				Rule Expression :	.NOT. EMPTY(rh_ref)
RH_STATUS	Status	C	1	0	Status
RH_DCREF	Carrier Reference	C	10	0	Carrier Reference
RH_ACCOUNT	Supplier Account	C	8	0	Supplier Account
RH_DATE	Delivery Date	D	8	0	Delivery Date
				Rule :	"Delivery Date cannot be blank"
				Rule Expression :	.NOT. EMPTY(rh_date)
RH_TIME	Delivery Time	C	8	0	Delivery Time
RH_DELCHG	Delivery Charge	N	9	2	Delivery Charge
RH_VAT	Delivery VAT	N	9	2	Delivery VAT
RH_USER	Receiver's User Id	C	8	0	Receiver's User Id

					Rule : "Receiver's User Id cannot be blank"
					Rule Expression : .NOT. EMPTY(rh_user)
RH_DREF	Delivery Ref.	C	10	0	Delivery Ref.
					Rule : "Delivery Ref. cannot be blank"
					Rule Expression : .NOT. EMPTY(rh_dref)
SQ_CRDATE	Date Created	D	8	0	Date Created
SQ_CRTIME	Time Created	C	8	0	Time Created
SQ_CRUSER	User Created	C	8	0	User Created
SQ_AMDATE	Date Last Amendment	D	8	0	Date Last Amendment
SQ_AMTIME	Time Last Amendment	C	8	0	Time Last Amendment
SQ_AMUSER	User Last Amended	C	8	0	User Last Amended
SQ_MEMO	Comments	M	10	0	Comments

Table : **CRLINE** Table Description : **R.T.V. Lines**

Field Name	Description	Type	Length	DPs	Further information
RI_RHREF	RTV Reference	C	10	0	RTV Reference
RI_LINE	Line Number	N	7	0	Line Number
RI_CGREF	GRN Reference	C	10	0	GRN Reference
RI_CGLINE	GRN Line Number	N	7	0	GRN Line Number
RI_RNOTE	Return Note. Ref.	C	10	0	Return Note. Ref.
RI_ACCOUNT	Supplier Account	C	8	0	Supplier Account
RI_SUPREF	Supplier Stock Ref	C	16	0	Supplier Stock Ref
RI_DESC	Supp's description	C	40	0	Supp's description
RI_CNREF	Stock Reference	C	16	0	Stock Reference
RI_WEIGHT	Weight Received	N	6	2	Weight Received
RI_CONDIT	Receipt Condition	C	30	0	Receipt Condition
RI_QTYRET	Quantity RTV'd	N	9	0	Quantity Returned To Vendor
RI_RETWARE	W'hse returned from	C	4	0	W'hse returned from
RI_RETDATE	Last Returned Date	D	8	0	Last Returned Date
RI_COST	Unit Cost	N	12	0	Unit Cost
RI_VALUE	Value of Delivery	N	12	0	Value of Delivery
RI_STATUS	Status	C	1	0	Status
RI_BTCHSER	Batch/Serial Nos	M	10	0	Batch/Serial Nos
SQ_CRDATE	Date Created	D	8	0	Date Created
SQ_CRTIME	Time Created	C	8	0	Time Created
SQ_CRUSER	User Created	C	8	0	User Created
SQ_AMDATE	Date Last Amendment	D	8	0	Date Last Amendment
SQ_AMTIME	Time Last Amendment	C	8	0	Time Last Amendment
SQ_AMUSER	User Last Amended	C	8	0	User Last Amended
SQ_MEMO	Comments	M	10	0	Comments

Table : **CSERNO** Table Description : **Stock Serial Numbers**

Field Name	Description	Type	Length	DPs	Further information
CE_CNREF	Stock Reference	C	16	0	Stock Reference
CE_CUSREF	Serial Number	C	32	0	Serial Number
CE_CWREF	Warehouse Ref.	C	4	0	Warehouse Ref.
CE_SUPPSN	Supplier's Serial No	C	32	0	Supplier's Serial No
CE_RELSED	Released To Stock	L	1	0	Released To Stock
CE_ISSUED	Issued Indicator	L	1	0	Issued Indicator
CE_LOC	Location Bin No.	C	10	0	Location Bin No.
CE_STATUS	Used By Applications	L	1	0	Should ONLY BE USED by Traceability Applications.
CE_RETURN	Has Been R.T.V.'d	L	1	0	Has Been R.T.V.'d
CE_CHREF	G.R.N. Reference	C	10	0	Master File CGHEAD
CE_CGLINE	Delivery Line No.	N	7	0	Delivery Line Number. Master File CGLINE
CE_CRREF	RTV Reference	C	10	0	RTV Reference
CE_CRLINE	RTV Line Number	N	7	0	RTV Line Number
CE_DISCARD	Discard	L	1	0	Discard
CE_COST	Cost Price	N	9	0	Cost Price.
ID	Unique ID	N	10	0	Unique ID
				Default Value :	NEWID(ALIAS())
CE_TAKEDTE	Last Counted Date	D	8	0	Last Counted Date

CE_LC	Landed Cost	N	12	2	The Unit Landed Cost value for the associated Receipt
			Default Value :		0.00

Table : **CSPLIT** Table Description : **Batch Splits**

Field Name	Description	Type	Length	DPs	Further information
CZ_CNREF	Stock Reference	C	16	0	Stock Reference
CZ_CUBREF	Batch Number	C	32	0	Batch Number
CZ_SPLIT	Split Number	N	4	0	Split Number
CZ_CWREF	Warehouse Ref.	C	4	0	Warehouse Ref.
CZ_QTY	Batch Part Quantity	N	9	0	Batch Part Quantity
CZ_QTYISS	Issued Quantity	N	9	0	Issued Quantity
CZ_QTYRET	R.T.V. Quantity	N	9	0	R.T.V. Quantity
CZ_DATE	Released Date	D	8	0	Released Date
CZ_RETURN	Has Been R.T.V.'d	L	1	0	Has Been R.T.V.'d
CZ_LOC	Location Bin No.	C	10	0	Location Bin No.
CZ_CRREF	RTV Reference	C	10	0	RTV Reference
CZ_CRLINE	RTV Line Number	N	7	0	RTV Line Number
CZ_DISCARD	Discard	N	9	0	Discard
ID	Unique ID	N	10	0	
			Default Value :		NEWID(ALIAS())
cz_RetDsrd	Return Discard	N	9	0	Return Discard
CZ_TAKEDTE	Last Counted Date	D	8	0	Last Counted Date
CZ_TAKEQTY	Last Counted Quantity	N	9	0	Last Counted Quantity
CZ_TAKEADJ	Last Stocktake Adjustment Qty	N	9	0	Adjustment at last Stocktake

Table : **CSTRUC** Table Description : **Assembly Components**

Field Name	Description	Type	Length	DPs	Further information
CV_ASSEMBL	Assembly Item Code	C	16	0	Assembly Item Code
CV_COMPONE	Component Code	C	16	0	Component Code
CV_COQUANT	Component Quantity	N	9	0	Component Quantity
CV_SEQNO	Sequence	C	4	0	Position on assembly
CV_SUBSEQ	Sub-Sequence	C	4	0	Hidden sub-sequence number
CV_COREF	Reference	C	15	0	Component reference code
CV_SUBASSM	Sub-Assembly	L	1	0	Sub-Assembly Flag
CV_PHASSM	Phantom	L	1	0	Phantom assembly flag
CV_CODESC	Description	C	40	0	Component description
CV_NOTES	Notes	M	10	0	Notes
CV_LOC	Component Warehouse	C	4	0	Component warehouse/location.

Table : **CSTWH** Table Description : **Stock Per Warehouse**

Field Name	Description	Type	Length	DPs	Further information
CS_WHAR	Warehouse Code	C	4	0	Stock Warehouse code(Composit Key) CS_REF+CS_WHAR ----->TAG=CSTWH1 CS_WHAR ----->TAG=CSTWH2Related to CWHAR,CTRAN,CNAME
				Rule :	"Warehouse Code cannot be blank"
			Rule Expression :		.NOT. EMPTY(cs_whar)
CS_REF	Stock Reference	C	16	0	Stock Reference Code.(Composit Key) CS_WHAR+CS_REF ----->TAGST1 CS_REF ----->TAGST2Related to CNAME,CWARE,CTRAN
				Rule :	"Stock Reference cannot be blank"
			Rule Expression :		.NOT. EMPTY(cs_ref)
CS_INSTOCK	Quantity In Stock	N	9	0	Total instock quantity For This Warehouse.
CS_FREEST	Free Stock	N	12	0	Total free stock Quantity For This Warehouse.
CS_ALLOC	Quantity Allocated	N	9	0	Total Allocations for this Warehouse.
CS_ORDER	Quantity On Order	N	9	0	Purchase Order Quantity For This Warehouse.

CS_SALEORD	Sales Order Quantity	N	9	0	This is the total quantity for this warehouse ofthis product waiting to be processed by the SOPsystem. This figure is increased when an order ordelivery is entered and reduced when that order ordelivery is invoiced.
CS_EXTEN	Extended Description	M	10	0	Extended Stock Description.
CS_BIN	Bin Number	C	10	0	Bin Number.
CS_REORDL	Reorder Level	N	8	0	Reorder Level.
CS_REORDQ	Reorder Quantity	N	8	0	Reorder quantity.
CS_MINST	Minimum Stock	N	8	0	Minimum stock quantity.
CS_DELCH	Delivery Charge Code	C	4	0	Delivery Charge Code.
CS_SUPP1	Supp. 1 Account Code	C	8	0	Prefered Supplier Account Code.
CS_SUPP2	Supp. 2 Account Code	C	8	0	Prefered Supplier Account Code.
CS_SUPP3	Supp. 3 Account Code	C	8	0	Prefered Supplier Account Code.
CS_SUPCOD1	Supp. 1 Stock Ref	C	16	0	Prefered Supplier Stock Reference Code.
CS_SUPCOD2	Supp. 2 Stock Ref	C	16	0	Prefered Supplier Stock Reference Code.
CS_SUPCOD3	Supp. 3 Stock Ref	C	16	0	Prefered Supplier Stock Reference Code.
CS_SUPCOS1	Supp. 1 Cost	N	9	0	Prefered Supplier cost.
CS_SUPCOS2	Supp. 2 Cost	N	9	0	Prefered Supplier cost.
CS_SUPCOS3	Supp. 3 Cost	N	9	0	Prefered Supplier cost.
CS_SUPLTM1	Supp. 1 Lead Time	N	3	0	Prefered Supplier Lead time in days.
CS_SUPLTM2	Supp. 2 Lead Time	N	3	0	Prefered Supplier Lead time in days.
CS_SUPLTM3	Supp. 3 Lead Time	N	3	0	Prefered Supplier Lead time in days.
CS_ISS1	Per.Cur.Issue Total	N	11	0	Current Issue Period Total.
CS_ISS2	Per. 1 Issue Total	N	11	0	Issue history period 1.
CS_ISS3	Per. 2 Issue Total	N	11	0	Issue history period 2.
CS_ISS4	Per. 3 Issue Total	N	11	0	Issue history period 3.
CS_ISS5	Per. 4 Issue Total	N	11	0	Issue history period 4.
CS_ISS6	Per. 5 Issue Total	N	11	0	Issue history period 5.
CS_ISS7	Per. 6 Issue Total	N	11	0	Issue history period 6.
CS_ISS8	Per. 7 Issue Total	N	11	0	Issue history period 7.
CS_ISS9	Per. 8 Issue Total	N	11	0	Issue history period 8.
CS_ISS10	Per. 9 Issue Total	N	11	0	Issue history period 9.
CS_ISS11	Per. 10 Issue Total	N	11	0	Issue history period 10.
CS_ISS12	Per. 11 Issue Total	N	11	0	Issue history period 11.
CS_ISS13	Per. 12 Issue Total	N	11	0	Issue history period 12.
CS_LASTISS	Last Issue Date	D	8	0	Last Issue Date.
CS_LASTRCT	Last Receipt Date	D	8	0	Last Receipt date.
CS_SHELF	Shelf Life	N	3	0	Shelf Life in days.
CS_SALETIM	Sale Lead Time	N	3	0	Lead time for sale (no. days)
CS_WARDATE	Warrenty Date	D	8	0	Expire/Warrenty Date Of Item. Could be used as areminder date for reporting.
CS_SHLDCST	Stock Holding Cost	N	9	0	Stock Holding Cost.
CS_COST	Stock Cost Price	N	9	0	Stock Item Cost Price.
CS_SELL	Stock Selling Price	N	9	0	Stock Item Selling Price.
CS_LCOST	Last Cost Price	N	9	0	Last Cost Price.
CS_WOALLOC	WO Allocated	N	9	0	Allocated to works orders for stock in warehouse
CS_WORKORD	Works Order Qty	N	9	0	Quantity on works orders for stock in warehouse
CS_COMPWIP	Component WIP	N	9	0	Component Work In Progress from Warehouse
CS_MATCOST	Material Cost	N	9	0	Warehouse material cost
CS_LABCOST	Labour Cost	N	9	0	Warehouse labour cost
cs_lupdate	Last Updated Date	D	8	0	
cs_luptime	Last Updated Time	C	8	0	
CS_TAKEPR	Stocktake Profile	C	4	0	Stocktake Profile
CS_TAKEDTE	Last Counted Date	D	8	0	Last Counted Date
CS_TAKEQTY	Last Counted Quantity	N	11	0	Last Counted Quantity
CS_TAKEID	Active Stock ID	N	4	0	Active Stock ID
CS_TAKEADJ	Last Stocktake Adjustment Qty	N	9	0	Adjustment at last Stocktake
CS_LC	Unit Landed Cost	N	10	2	Unit Landed Cost (contains Average LC or Standard LC based on stock profile for this warehouse)
			Default Value :		0.00
CS_LLC	Last Unit Landed Cost	N	10	2	Last Unit Landed Cost (amount recorded from Receipt for this warehouse)
			Default Value :		0.00

Table : **CTAKEPR** Table Description : **Stock Take Profile**

Field Name	Description	Type	Length	DPs	Further information
CTK_CODE	Code	C	4	0	Code
CTK_DESC	Description	C	40	0	Stock Take Profile Description
CTK_IGNORE	Do Not Count	L	1	0	Do Not Count
CTK_TOLPC	Tolerance Percentage	N	6	2	Tolerance Percentage
CTK_INTERV	Interval	N	4	0	Interval
CTK_SHEETS	Required Worksheets	N	1	0	Required Worksheets

Table : **CTITEM** Table Description : **Stock Traceable Item**

Field Name	Description	Type	Length	DPs	Further information
CU_CNREF	Stock Reference	C	16	0	Stock Reference
CU_BREF	Batch Number	C	32	0	Batch Number
CU_SREF	Serial Number	C	32	0	Serial Number
CU_CHREF	GRN Reference	C	10	0	GRN Reference
CU_CGLINE	Delivery Line	N	7	0	Delivery Line
CU_ALLISS	Exhausted	L	1	0	Exhausted
CU_ACCOUNT	Supplier Account	C	8	0	Supplier Account

Table : **CTRACK** Table Description : **Tracking of Items**

Field Name	Description	Type	Length	DPs	Further information
CK_CNREF	Stock Reference	C	16	0	Stock Reference
CK_CUBREF	Batch Number	C	32	0	Batch Number
CK_CUSREF	Serial Number	C	32	0	Serial Number
CK_CZSPLIT	Split Number	N	4	0	Split Number
CK_CWREF	Warehouse Reference	C	4	0	Warehouse Reference
CK_LOC	Bin Number	C	10	0	Bin Number
CK_CTTYPE	Transaction Type	C	1	0	Transaction Type
CK_QTY	Transaction Quantity	N	9	0	Transaction Quantity
CK_CTDATE	Transaction Date	D	8	0	Transaction Date
CK_REFEREN	Transaction Ref.	C	10	0	Transaction Ref.
CK_CTCOMNT	Transaction Comment	C	45	0	Transaction Comment
CK_ACCOUNT	Account	C	8	0	Account
CK_GRNREF	GRN Reference	C	10	0	GRN Reference
CK_LINENO	GRN Line Number	N	7	0	GRN Line Number
CK_JCSTDOC	Job Costing Document	C	16	0	Job Costing Document
CK_JPHASE	Job Costing Phase	C	3	0	Job Costing Phase
CK_SLDATE	Sell By Date	D	8	0	Sell By Date
CK_USEBY	Use By Date	D	8	0	Use By Date
CK_CRREF	RTV Reference	C	10	0	RTV Reference
CK_CRLINE	RTV Line Number	N	7	0	RTV Line Number
SQ_CRDATE	Date Created	D	8	0	Date Created
SQ_CRTIME	Time Created	C	8	0	Time Created
SQ_CRUSER	User Created	C	8	0	User Created
CK_DELIVRY	Delivery Note Ref.	C	10	0	Delivery Note Ref.
CK_JCCODE	Costing code ref	C	16	0	
CK_INVOICE	Invoice Ref.	C	10	0	Invoice Ref.
CK_JLINE	Costing line ref	C	10	0	
CK_CRDNOTE	Credit Note Ref.	C	10	0	Credit Note Ref.
CK_DOCUMNT	S.O.P. Document Ref.	C	10	0	S.O.P. Document Ref.
CK_SLOTNO	Supplier's Lot No.	C	32	0	Supplier's Lot No.
CK_SUPPSN	Supplier's Serial No	C	32	0	Supplier's Serial No
CK_CZPSPLIT	Parent Split ID	N	4	0	Parent Split ID
CK_CTRANID	Foreign Key To Ctran	N	10	0	Foreign Key To Ctran
CK_PDF	PDF Image File	C	200	0	PDF Image File name for SOP Invoice/Credit Note and POP Orders
CK_DCREF	POP Reference	C	10	0	POP Reference
CK_DCLINE	POP Line Number	N	7	0	POP Line Number
CK_WOREF	Works Order Reference	C	10	0	BOM Works Order Reference
CK_PATH	Define Position in BOM	C	80	0	Define Position in BOM

Table : **CTRAN** Table Description : **Transactions**

Field Name	Description	Type	Length	DPs	Further information
CT_REF	Stock Ref	C	16	0	Stock Reference Code.(Composite Key) CT_REF+CT_LOC+DTOA(CT_DATE)Related to CSTWH
			Rule Expression :		ClearCSTWHLock(ct_ref, ct_loc, ct_type)
CT_LOC	Warehouse	C	4	0	Stock Warehouse Location.
			Rule Expression :		ClearCSTWHLock(ct_ref, ct_loc, ct_type)
CT_TYPE	Trans Type	C	1	0	Stock Movement/Transaction type.
			Rule Expression :		ClearCSTWHLock(ct_ref, ct_loc, ct_type)
CT_DATE	Date	D	8	0	Transaction date.
CT_CRDATE	Creation Date	D	8	0	Transaction Creation Date.
CT_QUAN	Quantity	N	9	0	Transaction Quantity.
CT_MOVED	Quantity Moved	N	9	0	Quantity Moved From Receipt for FIFO items.
CT_REFEREN	Reference	C	10	0	Transaction reference.
CT_ACCOUNT	Account	C	8	0	Sales/Purchase Account Number.
CT_COST	Cost Price	N	12	0	Transaction Cost value. (Receipt type).
CT_SELL	Selling Value	N	10	3	Sales Transaction Value (Issue Type).
CT_DUE	Due Date P/Orders	D	8	0	Only used by stock purchase orders. Due date ofpurchase order.
CT_REF2	Second Stock Ref.	C	10	0	Second transaction reference.
CT_TIME	Time Stamp	C	8	0	Transaction time stamp.
CT_COMNT	Comment	C	35	0	Transaction Comment.
CT_GRNREF	GRN Reference	C	10	0	GRN Reference
CT_LINENO	Line Number	N	7	0	Line Number
CT_JCSTDOC	Job	C	16	0	@JOB
CT_JPHASE	Phase	C	3	0	@PHASE
CT_JCCODE	Cost Code	C	16	0	Cost Code
CT_JLINE	Job Line	C	10	0	@JOB Line
CT_BTCHSER	Batch/Serial Nos	M	10	0	Batch/Serial Nos
CT_CRREF	RTV Reference	C	10	0	RTV Reference
CT_CRLINE	RTV Line Number	N	7	0	RTV Line Number
ID	Unique ID	N	10	0	
			Default Value :		NEWID(ALIAS())
CT_PDF	PDF Image File	C	22	0	PDF Image File name for SOP Invoice/Credit Note and POP Orders
CT_WOREF	Works Order Reference	C	10	0	Works Order Reference
CT_UNIQUE	Unique Tran ID	C	10	0	Unique Transaction ID (for stock to nominal link)
CT_LC	Total Landed Cost	N	12	2	Total Landed Cost (for all LC types recorded against this transaction)
			Default Value :		0.00
CT_POREF	Purchase Order Ref.	C	10	0	Originating Purchase Order Reference (for Receipt transactions only)
CT_SHIPREF	Shipping Ref.	C	20	0	Shipping Reference (for Receipt transactions only)

Table : **CTXTRA** Table Description : **Stock Tran. Extra**

Field Name	Description	Type	Length	DPs	Further information
CTX_CTRNID	Parent ID	N	10	0	CTRAN Extra Parent ID (link to CTRAN record)
			Default Value :		0
CTX_TYPE	Record Type	N	4	0	CTRAN Extra Record Type
CTX_CODE01	Lookup Code 01	C	20	0	CTRAN Extra Lookup Code #1
CTX_VAL01	Record Value 01	N	12	2	CTRAN Extra Record Value #1 (as determined by Record Type)
			Default Value :		0.00
CTX_VAL02	Record Value 02	N	12	2	CTRAN Extra Record Value #2 (as determined by Record Type)
			Default Value :		0.00
ID	Unique ID	N	10	0	Unique ID
			Default Value :		NEWID(ALIAS())
CTX_VAL03	Record Value 03	N	12	2	CTRAN Extra Record Value #3 (as determined by Record Type)
			Default Value :		0.00

CTX_LOG01	Record Flag 01	L	1	0	CTRAN Extra Record Flag #1 (as determined by Record Type)

Table : **CVIEW** Table Description : **Stock View**

Field Name	Description	Type	Length	DPs	Further information
CV_CODE	View Code	C	3	0	
CV_NAME	View Name	C	30	0	
CV_SYSVIEW	System View	L	1	0	
CV_LVL1	Level 1 View	C	20	0	
CV_LVL2	Level 2 View	C	20	0	
CV_LVL3	Level 3 View	C	20	0	
CV_LVL4	Level 4 View	C	20	0	
CV_LVL5	Level 5 View	C	20	0	
CV_LVL6	Level 6 View	C	20	0	
CV_DEFAULT	Default View	L	1	0	

Table : **CWARE** Table Description : **Warehouses**

Field Name	Description	Type	Length	DPs	Further information
CW_CODE	Warehouse Code	C	4	0	Stock Warehouse Code.(Primary Key)Related to CSTWH *Rule :* "Warehouse Code cannot be blank" *Rule Expression :* .NOT. EMPTY(cw_code)
CW_DESC	Description	C	40	0	Warehouse Description. *Rule :* "Warehouse Description cannot be blank" *Rule Expression :* LEN(ALLTRIM(cw_desc))>0
CW_ADDR1	Address Line 1	C	30	0	Warehouse Address Line.
CW_ADDR2	Address Line 2	C	30	0	Warehouse Address Line.
CW_ADDR3	Address Line 3	C	30	0	Warehouse Address Line.
CW_ADDR4	Address Line 4	C	30	0	Warehouse Address Line.
CW_POST	Post Code	C	10	0	Warehouse Post Code.
CW_CTACT	Contact	C	30	0	Contact Person in Warehouse.
CW_PHONE	Telephone Number	C	20	0	Warehouse Phone Number.
CW_FAX	FAX Number	C	20	0	Warehouse FAX number.
CW_EDI	EDI/Modem Number	C	20	0	Warehouse EDI/Modem Number.
CW_REC	Rec.Block Movements	L	1	0	Movement BLOCKING flag.
CW_ISS	Iss.Block Movements	L	1	0	Movement BLOCKING flag.
CW_RET	Ret.Block Movements	L	1	0	Movement BLOCKING flag.
CW_TRANF	Trf.Block Movements	L	1	0	Movement BLOCKING flag.
CW_NOTES	Memo	M	10	0	Warehouse Memo.
CW_RESNEG	Restrict NegTransfer	L	1	0	Negative Qty Is Restricted On Transfer 'FromWarehouse' During Stock Transfer Process.
CW_QUANT	Quarantine Indicator	L	1	0	Quarantine Indicator
CW_CNTR	Cost Centre	C	4	0	Nominal Cost Centre

Table : **CWCAT** Table Description : **Gateway Category**

Field Name	Description	Type	Length	DPs	Further information
cg_code	Category Code	C	20	0	
cg_desc	Category Description	C	50	0	
cg_lupdate	Last Updated Date	D	8	0	
cg_luptime	Last Updated Time	C	8	0	

Accreditation Training Courseware

Other Guides and Help

The following user documents are also provided with the respective software. Guides are available from various sources including Answerlink, the Opera 3 CD and from the Opera 3 Client installation's main folder, normally *C:\Program Files\Pegasus\O3 Client XXX\User documents (where XXX is either VFP or SQL)*. Some guides are also available from the Opera 3 Help menu or respective software Help menu.

Readme File

The Readme file is an HTML document. It contains late breaking news and any other release specific important information.

Note: This file can also be accessed from the Opera 3 CD Installation Menu with regards to Opera 3.

Release Guide

When new versions are released such as Opera 3, they are normally accompanied by a Release Guide that contains information such as What's New in this Release, Release History, and Functional Differences between versions.

Note: This guide can also be accessed from the Opera 3 CD Installation Menu with regards to Opera 3.

Installation Guide

The Installation Guide is provided to help you install the application in your chosen Windows environment. It contains technical information and advice to ensure the installation process is successful.

Demonstration Data Guide

This guide is provided to assist the use of the demonstration data and contains pertinent information that is not contained elsewhere in the product documentation. It is recommended that the Help be used at the same time.

Implementation Guide

The Implementation Guide provides a high-level view of an application such as Opera 3 and how to approach an implementation. It details how the modules are integrated, and recommends the order in which elements should be set up.

System Requirements Guide

The System Requirements Guide details the minimum and recommended computer hardware and software requirements that are required to install and use software such as Opera 3 Enterprise and Opera 3 Enterprise SQL.

It also includes guidance on using Opera 3 Enterprise and Opera 3 Enterprise SQL in a Terminal Services environment run in Windows Server 2003 and Windows Server 2008 (32-bit & 64-bit).

Help

F1 Help provides details of all the functions available in the application.

Document Management & Executive Dashboards Guides

Installation Guides are available for both Document Management and Executive Dashboards. A user guide is also available for Executive Dashboards. Help for Document Management is in the Opera 3 Help.

Note: The guides are in the respective folders on the Opera 3 CD and can be accessed from the Opera 3 CD Installation Menu.