Opera 3 Stocktake

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.

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_SCM15StocktakeR1.4.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 knows…
	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 v1.20
R1.1	Update StockTake Database Schema (simple SQL structure). Chapter numbering uplift.
R1.2	Update for v1.3x
R1.3	Update for v1.5x
R1.4	Updated for v1.80.30 - -ve Qty

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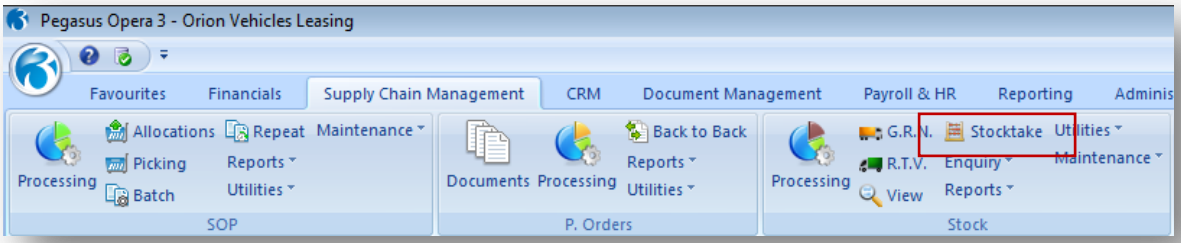
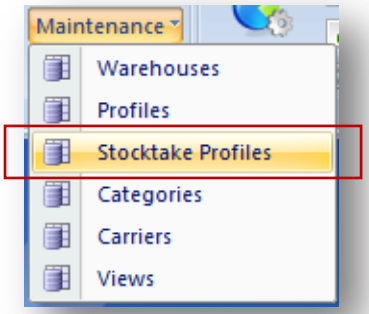
Module Menu Structure

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
Stocktake		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.
Maintenance	Stocktake Profiles	Each stock item in Opera 3 must be linked to a Stocktake profile before you can include it in a stock take. Stocktake Profiles define common attributes that determine how stock items that are linked to the profile are processed in Stocktake.

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.

Note: To use Stocktake make sure the Stocktake box is ticked on the Options tab of the System - Maintenance - Company Profiles form.

The Stocktake 5 Steps

Using Stocktake involves up to five steps.

STEP 1. The first step of the stock take is to select the stock items. When the stock items are selected to be included in a stock take, the items are 'marked' in Stock Control to indicate they are being counted. Anyone using Opera 3 can still use the stock item, for example they can issue stock to customers or receive stock from suppliers, but if the in stock quantity changes, Stocktake cannot post any stock adjustments to Opera 3 even if the physical stock that is counted does not match the quantity in Stock Control.

You should therefore consider instructing all your users in Opera 3 not to post stock issues, receipts or adjustments in Stock Control, delivery notes or invoices in Invoicing or Sales Order Processing or stock receipts in Purchase Order Processing for the stock items involved in the stock take until it is closed.

STEP 2. The next step is to print sheets and count the physical stock. You can create and print up to three sheets for each item. The sheets are distributed to the people involved who check the stock and mark up the sheets with actual quantities they find.

STEP 3: After counting the physical stock, an operator then enters the stock quantities on the sheets to update Stocktake. The operator can also add a note for each stock item to describe the condition of each stock item, for example. Stocktake displays the expected quantity and the counted quantity for each stock item plus a status note, for example 'Out of Range' if the quantity found is not within the allowed range.

STEP 4: If the counted stock is outside the acceptable tolerance ranges or it has been counted more than once and the counts are not the same, the quantities must be 'resolved'. This involves entering acceptable quantities before Stock Control can be updated.

Notes

STEP 5: Lastly, each stock item in Stock Control is updated with a 'Last Counted' date to indicate that it has been counted. If stock adjustments are required, the stock items affected will be updated with the difference between the physical stock counted and the quantities for the items in Opera 3. For example, if a stock item's in-stock quantity in Opera 3 is 401 but 407 are counted at the stock location, an adjustment posting for 6 of the item will be posted to Opera 3. The item is also updated with a 'last counted' date and quantity for the warehouse where the stock was counted

If stock adjustments are not required, the stock item is updated only with a 'last counted' date and quantity for the warehouse where the stock was counted.

After the items are updated, they will not be displayed as due for another stock take until the relevant number of days have passed. This is defined on the Stocktake Profile. The stock take is then closed.

Stocktake Profiles

Each stock item in Opera 3 must be linked to a Stocktake profile before you can include it in a stock take.

Stocktake Profiles allow you to define how stock items are processed in Stocktake. These profiles are used to set up the following options:

- Acceptable tolerance percentages where actual quantities that are found during a stock take are different to the quantities in Opera. For example, for small low value items it may be acceptable for there to be either up to ten percent more or ten percent less of the item found actually in stock compared to the quantity in Opera.
- The number of days before a stock take must be done. For example, you are likely to want to count high value items more often than low value items. You may also want to count items in some warehouses more often than in other warehouses.
- How many times items should be checked during a stock take. It may be necessary to validate a count by doing it more than once, either using the same person or with someone else.
- Whether stock items should never be counted in a stock check. You may have some items that are very low value which you do not want to count.
- Whether either the average or standard cost, or the last cost price, is used to calculate the value of adjustments when they are posted from Stocktake to Stock Control

If a Stocktake Profile does not exist in your company, one is created for you when you run the System - Utilities - Update Data Structures command. It is also added to the Stock Control - Utilities - Set Options form as the default profile for the company.

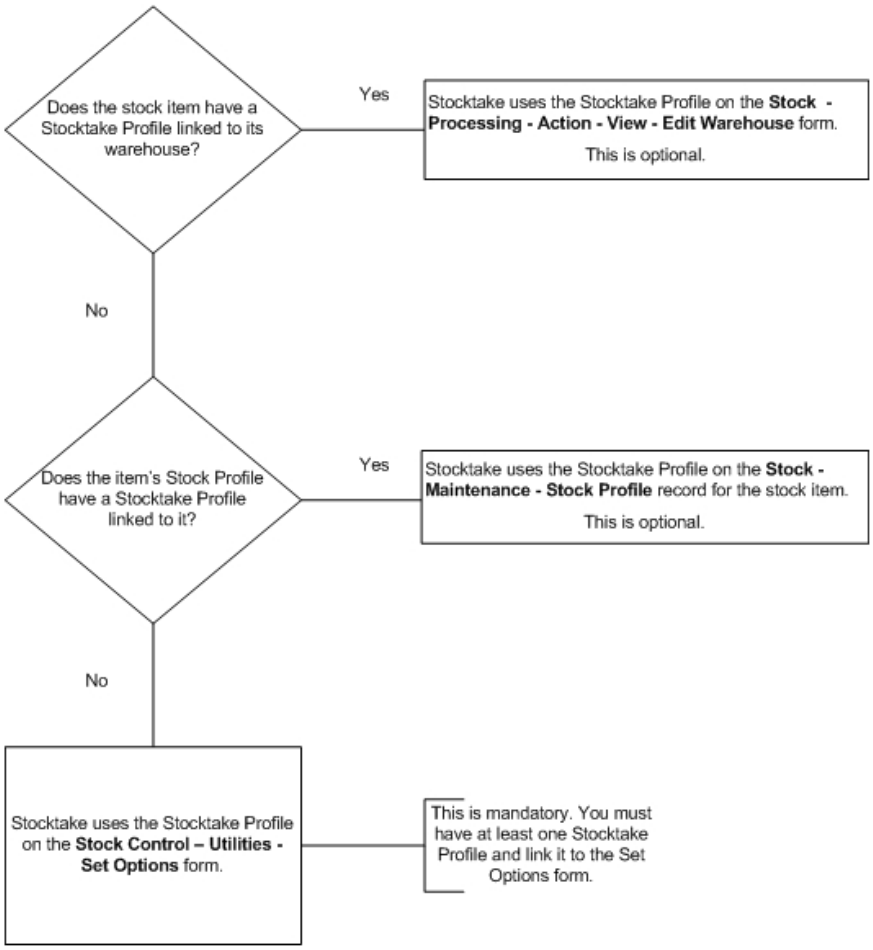
Stocktake Profiles can also be linked to the following:

- To individual Stock Profiles on the Stock Control - Maintenance - Stock Profile form
- To warehouses where stock items are kept on the **Action - View - Edit** form from Stock Control - Processing

Note: If a Stocktake Profile does not exist in your company, one is created for you when you run the System - Utilities - Update Data Structures command. It is also added to the Stock Control - Utilities - Set Options form as the default profile for the company. After installing Stocktake you should check the Stocktake Profile that is created and either amend it as necessary or delete it and add one or more new profiles. If you create more than one Stocktake Profile, you need to link them to your Stock Profiles or to your warehouses for each item as necessary.

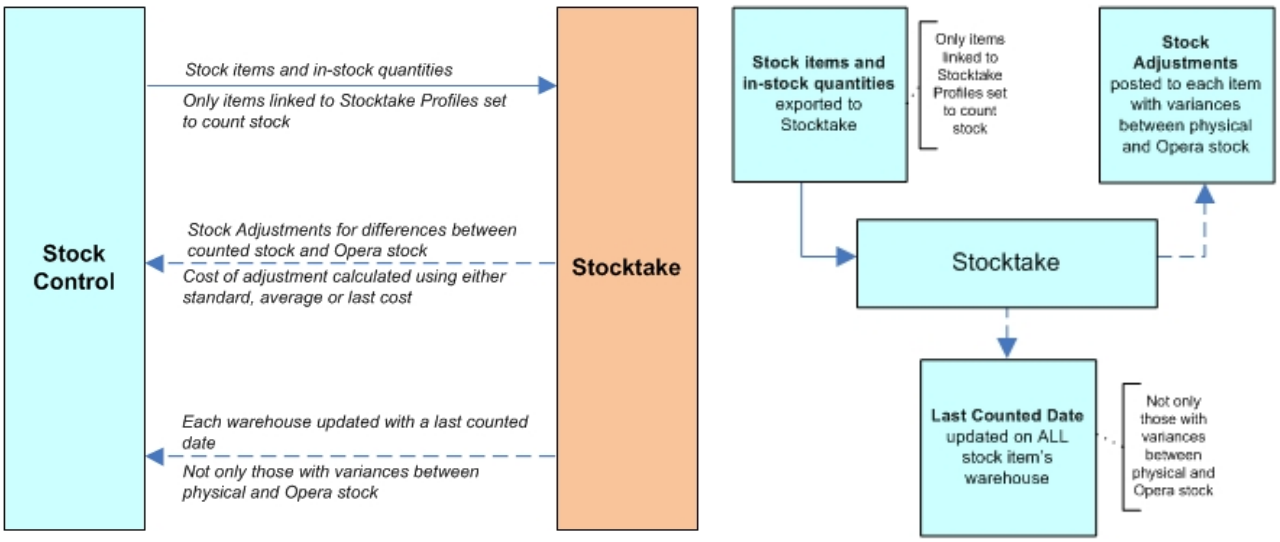
Notes

Refer to the flowchart of how Stocktake Profiles are used.



Tip: After installing Stocktake you should check the Stocktake Profile that is created and either amend it as necessary or delete it and add one or more new profiles. If you create more than one Stocktake Profile, you need to link them to your Stock Profiles or to your warehouses for each item as necessary.

How Stocktake integrates with Stock Control



Stock Items not Included in Stocktake

Notes

These stock items will not be displayed in Stocktake for counting:

- Items that are linked to Stocktake Profiles with the Do Not Count box ticked. These are ignored because they have been specifically set up as items that should not be counted.
- Items that are not due to be counted. This is controlled by the Interval box on the item's Stocktake Profile. The items will be displayed again after the number of days defined as the interval between stock takes.
- *Pre v1.80.30 - Items with negative in-stock quantities. These are always ignored by Stocktake. If these items are found during a stock take, you can record the quantity found by using the Adjustment command from the Stock Control - Processing form instead of using Stocktake.*
- Items that are already included in an open stock take.

Note: Items with negative in-stock quantities can now be included in new stock takes. This new feature was introduced in Stocktake (1.21.10) and Opera 3 (1.80.30).

Technical Information

Microsoft .NET 4.0 Framework

Microsoft .NET 4.0 Framework must be installed on the computer. You can download it from the Downloads page on the Microsoft site. Stocktake must be installed on a single computer. It must not be installed on more than one computer.

Microsoft SQL Server

Stocktake stores its data in a SQL Server database. Microsoft SQL Server 2005, Microsoft SQL Server 2005 Express, Microsoft SQL Server 2008 or Microsoft SQL Server 2008 Express must be available. You can download Microsoft SQL Server 2005 Express or Microsoft SQL Server 2008 Express from the Microsoft site.

When Stocktake is run for the first time, you are asked to enter the SQL Server name and a name for the Stocktake database. Subsequently Stocktake will connect to the SQL Server instance and database automatically.

The System - Utilities - Backup command in Opera 3 does not back up Stocktake data. You must use the backup facilities in Microsoft SQL Server to back up your Stocktake data.

Installation Note

The system requirements to use Stocktake are the same as Opera 3. See the System Requirements guide for details. Stocktake must not be installed on more than one computer.

Note: When Stocktake is run for the first time, you are asked to enter the SQL Server name and a name for the Stocktake database. Subsequently Stocktake will connect to the SQL Server instance and database automatically.

Code

Stocktake has been written in WPF .Net4 which is a subset of Silverlight.

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:

StockTake

- Pre-Requisites (.Net v4 & SQL)
- Install Stocktake
- Company Profiles - Switch on to use Stocktake (Run UDS)
- Create a Stocktake Profile
- Apply Default Stocktake Profile in Set Options
- Apply Stocktake Profile to Stock Profile or individual Stock items at Warehouse level
- Backup – This procedure should be carried out at different stages of setting up your accounting system. This facility can be accessed via System > Utilities > Backup. Each backup should be given a different file name. **NB - For System back-ups, these need to be taken manually outside of Opera 3**

1.2 Pre-Requisites

The Pre-requisites for Stocktake are;

- Windows XP or Higher
- Activated Opera 3 with Stock
- Microsoft .Net v4 Framework
- Microsoft SQL
- Appropriate Permissions (to the Opera 3 Folder and Files etc)

Microsoft .NET 4.0 Framework must be installed. You can download it from the Downloads page on the Microsoft site.

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

Set-up

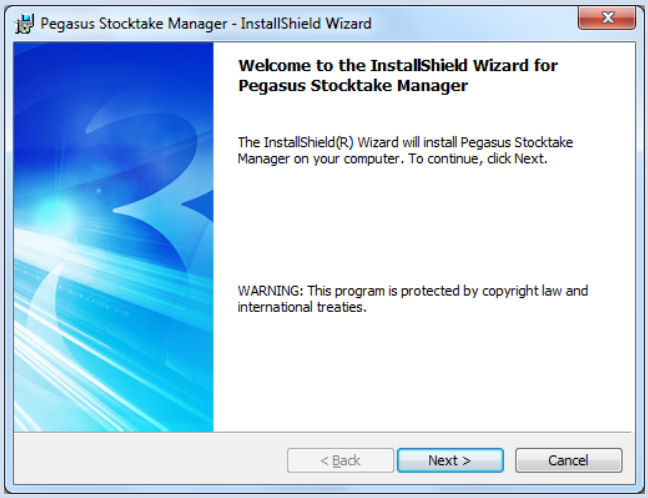
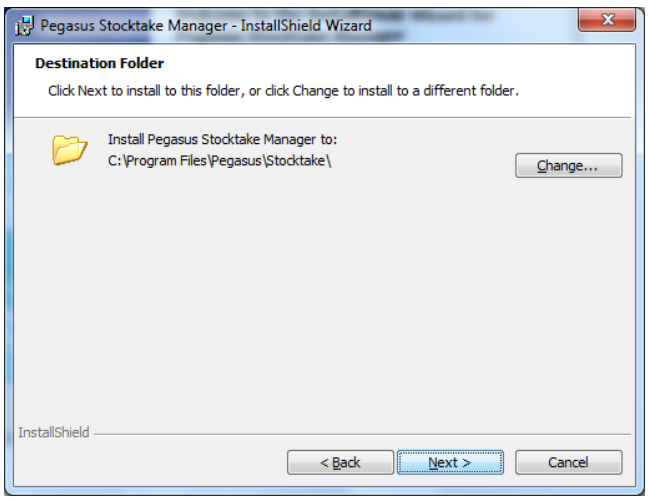
Notes

Stocktake stores its data in a SQL Server database. Microsoft SQL Server 2005, Microsoft SQL Server 2005 Express, Microsoft SQL Server 2008 or Microsoft SQL Server 2008 Express must be available. You can download Microsoft SQL Server 2005 Express or Microsoft SQL Server 2008 Express from the Microsoft site.

Note: When Stocktake is run for the first time, you are asked to enter the SQL Server name and a name for the Stocktake database. Subsequently Stocktake will connect to the SQL Server instance and database automatically.

1.3 Install Stocktake

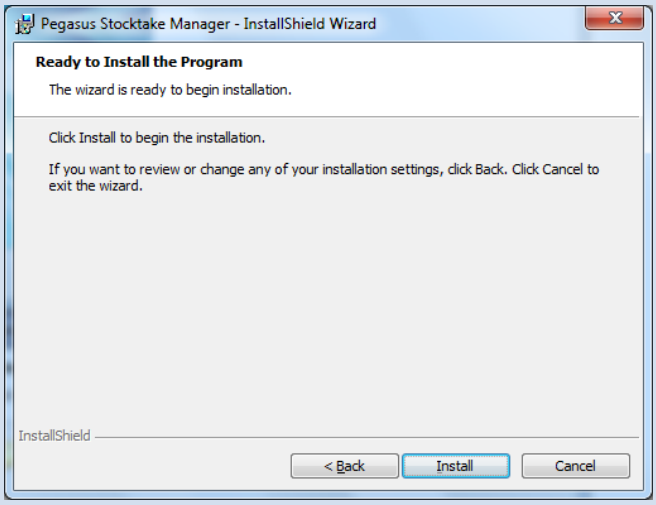
NB: Stocktake is a standalone installation. You must install it on the machine that is to process the Stocktakes and ensure it has an Opera 3 Client installed. It is designed (v1.0) to be installed on 1 machine only. Installing it on multiple machines, or running shortcuts from a different machine or having multiple installs with separate SQL Databases is not tested or supported and may cause problems and data corruption.

Screenshot	Step
	Launch the installation and a Welcome screen is displayed. Click Next to continue.
	The next step allows you to select the installation location for Stocktake.

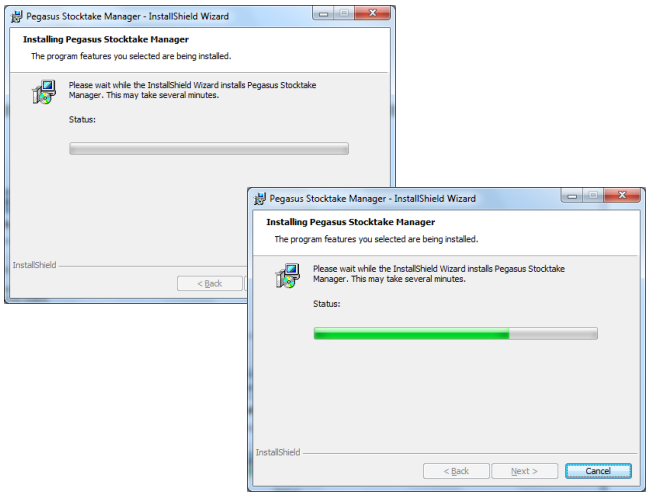
Does the install split the installation folders even if the path is specified?

Yes, currently v1 installs a split installation regardless of specifying a path.

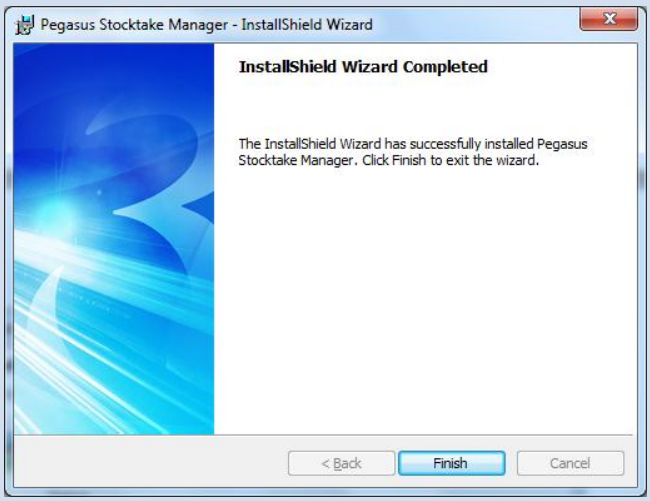
Notes



The last configuration screen allows you to confirm the installation of Stocktake.



The installation will now proceed and place all required files and folders as required.



Once the installation has completed, a final windows pops up to confirm successful installation of Stocktake.

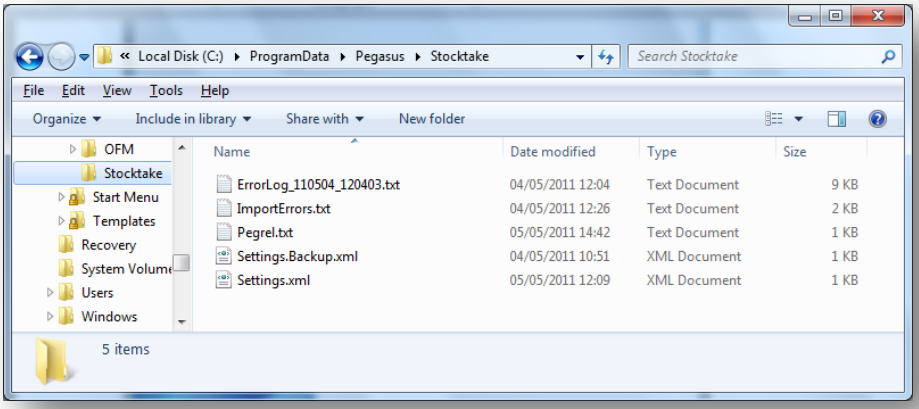
1.3.1 Files and Folders

There are a number of files and folders to be aware of.

NB: The Stocktake SQL Database is not currently in v1 part of the standard Opera 3 back-up routine. Manual back-ups would be required.

Notes

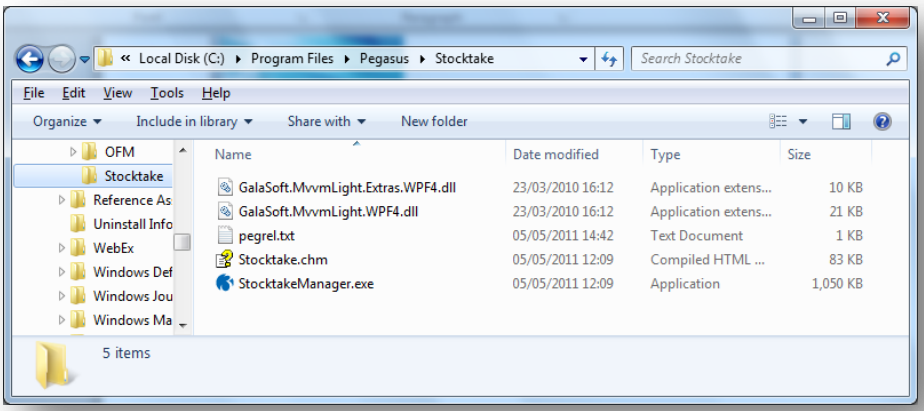
C:\ProgramData\Pegasus\Stocktake



This path contain a Pegrel.txt file which contains the version of Stocktake. The location also holds the Settings.xml which holds configuration settings for the Stocktake database (SQL Stocktake database details) and is recommended not to be opened or edited.

Any errors which occur within Stocktake or during the Import will be logged here for references purposes.

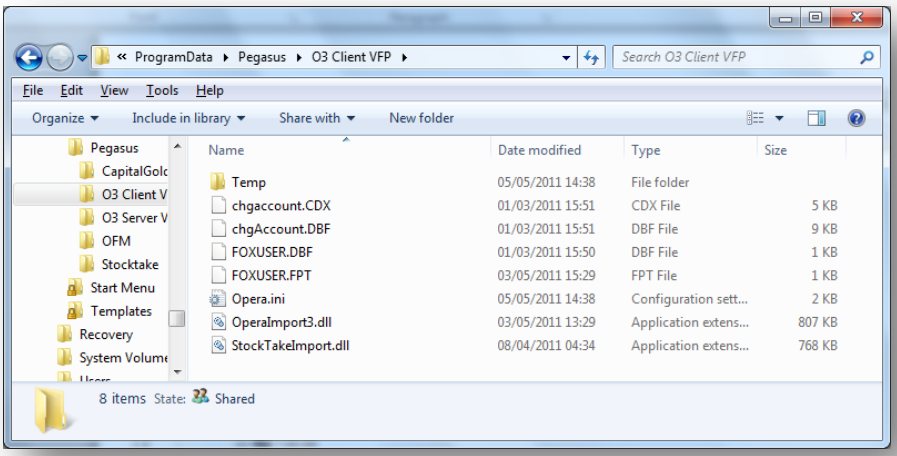
C:\Program Files\Pegasus\Stocktake



The Static path (Program Files – which is changeable during installation) contains another Pegrel.txt file as well as required dll files. It also contains a linked help file (Stocktake.chm) and the executable that can be launched outside of Opera 3 (StocktakeManager.exe)

C:\ProgramData\Pegasus\O3 Client VFP

Notes



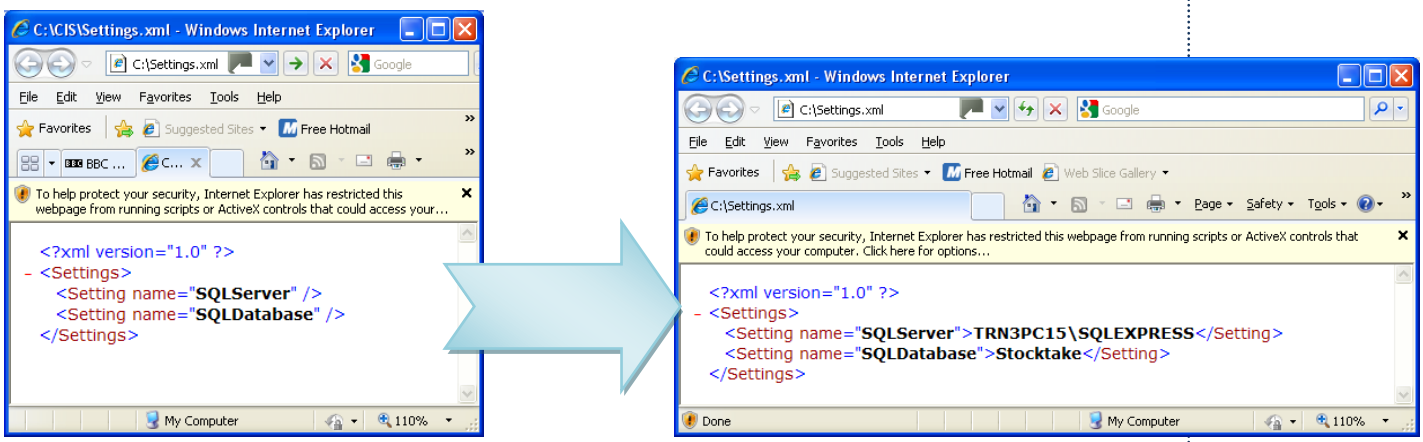
A new dll to be aware of which is used by Stocktake can be found in the Dynamic O3 Client folder (StockTakeImport.dll). Ensure the correct and corresponding file is present and registered.

1.3.2 Post-Requisites

Ensure that the appropriate permissions have been given to the file and folders associated with Stocktake and Opera 3 in all required locations. This will help to avoid any potential issues when continuing with implementing Stocktake. A UDS will be required when switching on Stocktake.

1.3.3 Technical Information – Back-Up

As there is no current (v1.0) built in back-up routine, there are several ways you could restore data or move data onto a new server – this is to be used as a guide (remember Back-Ups are essential). Ensuring you have a SQL database back-up will be the main element. This will have to be "restored" or "created" manually. You can then edit the Settings.xml file to refer to the required SQL Database



Practical Exercise 1

Notes

(Time Allowed 10 Minutes)

Objectives

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

- *Install Stocktake*
- *Run various checks and know file and folder locations*

Exercise Details

You are required to install Stocktake (using default paths) and check the permissions of all relevant files and folders are set to the required level.

Hints

Install using the provided CD-ROM or Installation folder

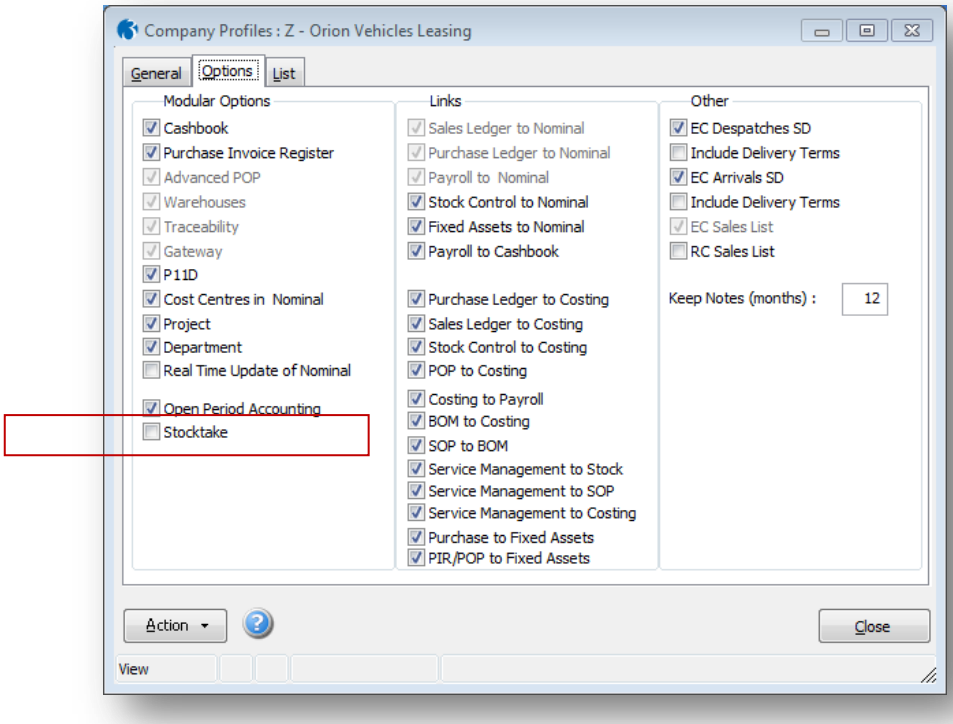
Ensure both the Dynamic and Static locations are checked (Program Files and Documents & Settings / ProgramData.

Check the correct dll is present in the Client VFP folder - Documents & Settings / ProgramData

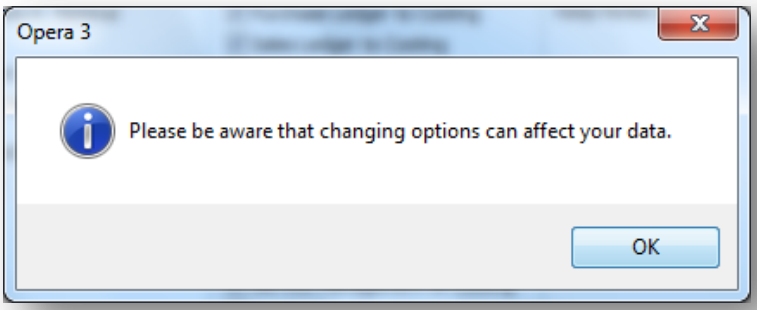
1.4 Company Profiles - Switch on to use Stocktake

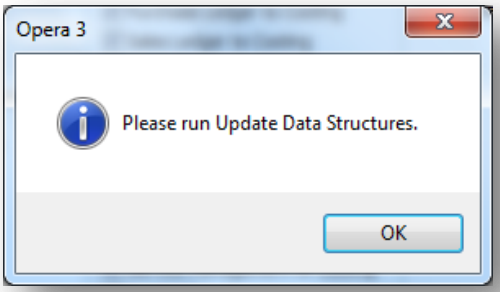
Notes

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



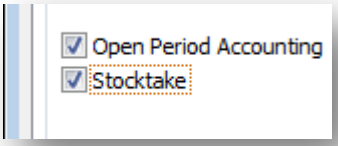
The Stock Control application includes Stocktake, an inventory management application that helps you monitor your stock position and make corrections where the actual stock quantities in your stock locations are different to the quantities in Opera. To use Stocktake the Stocktake box must be ticked.





You must run an Update Data Structures over the companies data if you switch on Stocktake.

Notes



1.5 Create a Stocktake Profile

It is mandatory to create at least one Stocktake Profile and it must be assigned at the Set Options level as a minimum set-up requirement.

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.

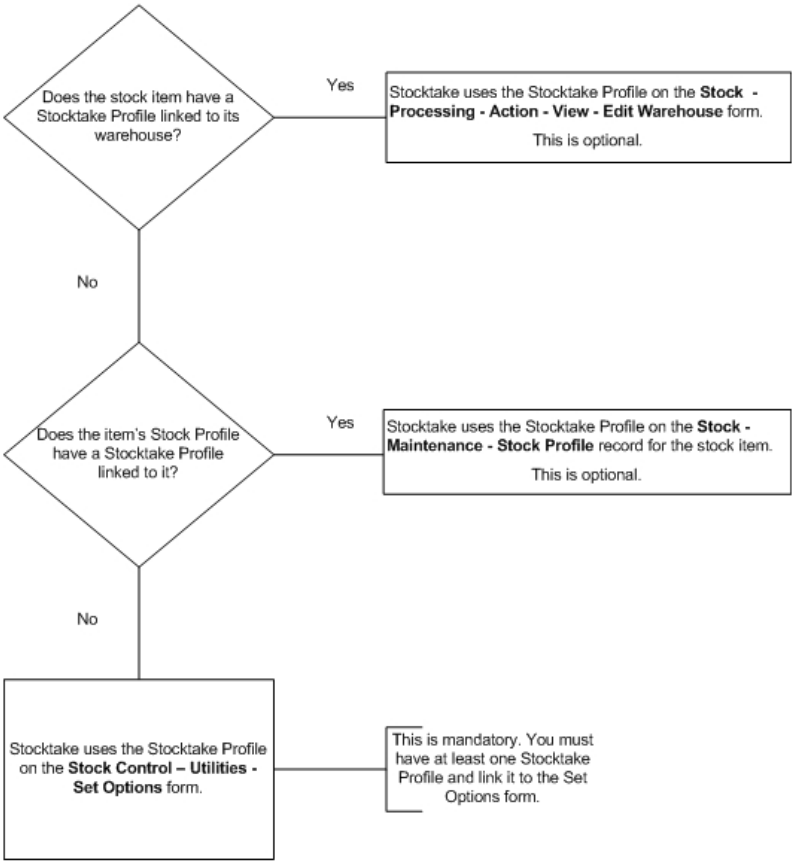
Stocktake Profiles allow you to define how stock items are processed in Stocktake. These profiles are used to set up the following options:

- Acceptable tolerance percentages where actual quantities that are found during a stock take are different to the quantities in Opera. For example, for small low value items it may be acceptable for there to be either up to ten percent more or ten percent less of the item found actually in stock compared to the quantity in Opera.
- The number of days before a stock take is due to be done. For example, you are likely to want to count high value items more often than low value items. You may also want to count items in some warehouses more often than in other warehouses.
- How many times items should be checked during a stock take up to three times. It may be necessary to validate a count by doing it more than once, either using the same person or with someone else.
- Whether stock items should be excluded from the stock check. You may have some items that are very low value which you do not want to count.

Note: A default Stocktake Profile must be added to the Stock Control - Utilities - Set Options form.

Stocktake Profiles can also be linked to individual Stock Profiles on the Stock Control - Maintenance - Stock Profile form and to warehouses where stock items are kept on the Action - View - Edit form from Stock Control - Processing.

Notes



You can set up as many Stocktake Profiles as you want, but one is created automatically by the System - Utilities - Update Data Structures command if the Stocktake box is ticked on the System - Maintenance - Company Profiles form.

Example ...

You hold many different types of stock items, some high value, others that have low values. You want to make sure that your high value items are checked often, probably once a month, but the low value items are checked only once every 6 months. Other items do not need to be checked. You create Stocktake profiles for each type of stock take requirement; one for high value items where you set the Interval box to 30 days, one for low value items where you set the Interval box to 180 days, and a third profile where you tick the Do Not Count box so the stock items are never displayed in the Stocktake application.

When checking high value items, the person checking them must always find the same quantity as displayed in Opera. You therefore set the Tolerance box to zero % for that profile.

To Define Stocktake Profiles

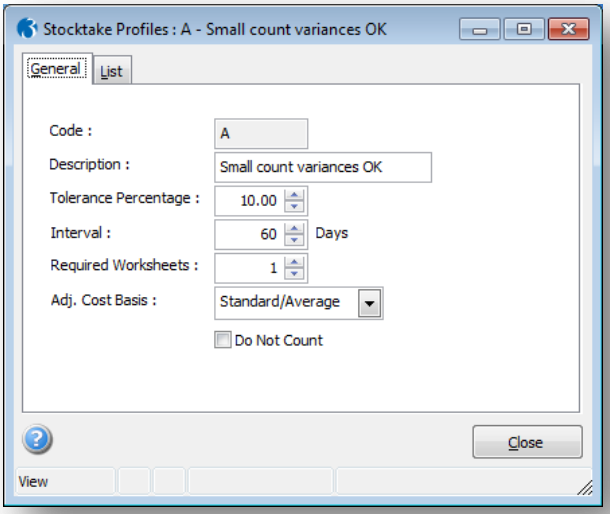
1. Open the Stock folder and then click Maintenance or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Maintenance.
2. Click Stocktake Profiles.
3. To create a new record, click the New icon on the toolbar or press CTRL+N.
4. In the boxes provided, enter a code for the stock profile and its details.
5. To save the record, click the Save icon on the toolbar or press CTRL+S.

Important: After creating the Stocktake Profiles you need, you must link them to your stock items. You can either do this by linking a Stocktake Profile to a Stock Profile (which are themselves linked to stock items), or they can be linked directly to individual stock items for each warehouse the item is kept at.

Notes

If an item is kept at more than one warehouse, you may want to use different stock taking rules for each warehouse. This may be important if you need to monitor stock items more often at different locations, or perhaps some stock items are never checked at one location. You can individually link a different Stocktake profile to each warehouse on the Stock - Processing - Warehouse form.

It is quicker to link to a Stock Profile because it is likely that there are relatively few of these compared to stock items.



Tolerance –

The tolerance setting is more lie a warning and intervention setting. If the Count is outside of the tolerance than the Stock Count will need a "Resolve" before being uploaded to O3.

Profile Entries

Box	Description
Code	A unique reference for the Stocktake profile. You can add a corresponding description in the **Description** box.
Tolerance	This defines the percentage tolerance that is allowed for the stock items linked to this profile. If it is set to zero %, no tolerance is allowed so quantities found in the stock locations must always match those in Opera. *Example 1 - 0 % tolerance* *If it is set to 0%, any variation from the expected quantity is not permitted. The items will need to be resolved before the item can be updated in the Stock Control application if the counted quantity differs from the physical quantity.* *Example 2 - 10 % tolerance* *If it is set to 10%, quantities found in the stock locations can be up to 10% different. So, if 10 are expected and between 9 and 11 are found, this is within the permitted tolerance percentage. If any other quantity is found, this is outside the permitted tolerance percentage and will need to be resolved before the item can be updated in the Stock Control application.* *Example 3 - 100 % tolerance* *If it is set to 100%, up to double the expected quantity is permitted. So, if 10 are expected. quantities between zero and 20 are permitted. The Stocktake application will not warn you in this case.*
Interval	The amount of time within which all stock items linked to this Stocktake Profile will be due to be checked. So, an interval of 30 days means that the stock items is due to be checked every 30 days.
Required Sheets	When a stock take is done, you can define how many times a stock item is counted. The maximum number of sheets is three. So, you can decide to count stock items three times using three count sheets allocated to different people. This makes the stock taking process more accurate because quantities found are verified by other people.
Adj. Cost Basis	The basis for calculating the cost of adjustments posted from Stocktake to Stock Control. Adjustments are posted when Opera 3 is updated from Stocktake if the number counted is different to the expected quantity.

Notes

Adj. Cost Basis…

You can choose to use either of the following when adjustments are posted:

The average or standard cost price that is held for the item.

The last cost price used when the item was received into Stock Control.

Example: The stock item CMAT044 is counted as part of a stock take in the MAIN warehouse. The item's average cost price is £7.80 and the last cost price used for a receipt was £8.10.

Scenario 1: Cost calculated using average or standard cost price

The expected quantity is 410 but 420 are counted during a stock take. This quantity is entered on the Enter Quantities form in Stocktake. An adjustment for 10 with a total cost of £78.00 (10 x £7.80) is posted to Stock Control when Opera 3 is updated.

Scenario 2: Cost calculated using last cost price

The expected quantity is 410 but 420 are counted during a stock take. This quantity is entered on the Enter Quantities form in Stocktake. An adjustment for 10 with a total cost of £81.00 (10 x £8.10) is posted to Stock Control when Opera 3 is updated.

Note: These prices are held on either the Stock Control - Processing form or the Warehouse form. You access the warehouse form from the Stock Control - Processing form by using the View command and selecting Edit on the View's Action menu. The prices are always taken from the warehouse linked to the stock item, if they are used.

1.6 Apply Default Stocktake Profile in Set Options

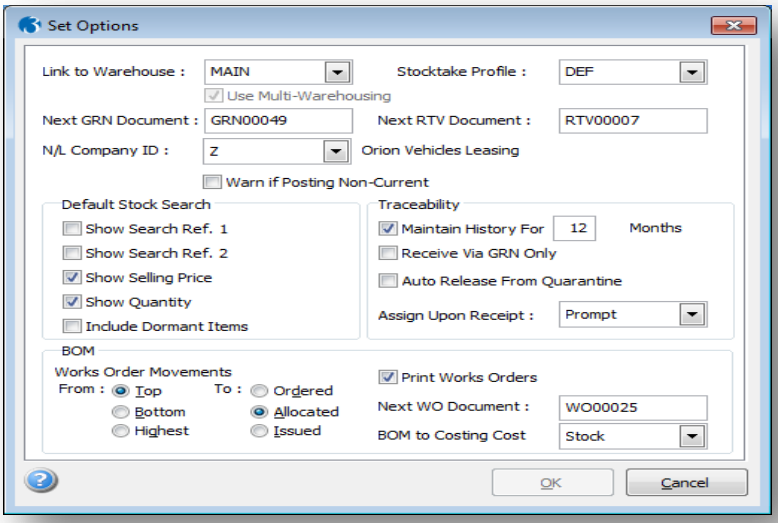
Stocktake Profiles define common attributes that determine how stock items that are linked to the profile are processed in Stocktake.

These profiles are used to set up the following:

- Acceptable tolerance percentages where actual quantities that are found during a stock take are different to the quantities in Opera
- The number of days before a stock take must be done
- How many times items should be checked during a stock take
- Whether stock items should never be counted in a stock check.

Note: A default Stocktake Profile must be added to the Stock Control - Utilities - Set Options form.

Stocktake Profiles can also be linked to individual Stock Profiles on the Stock Control - Maintenance - Stock Profile form and to warehouses where stock items are kept on the Action - View - Edit form from Stock Control - Processing.

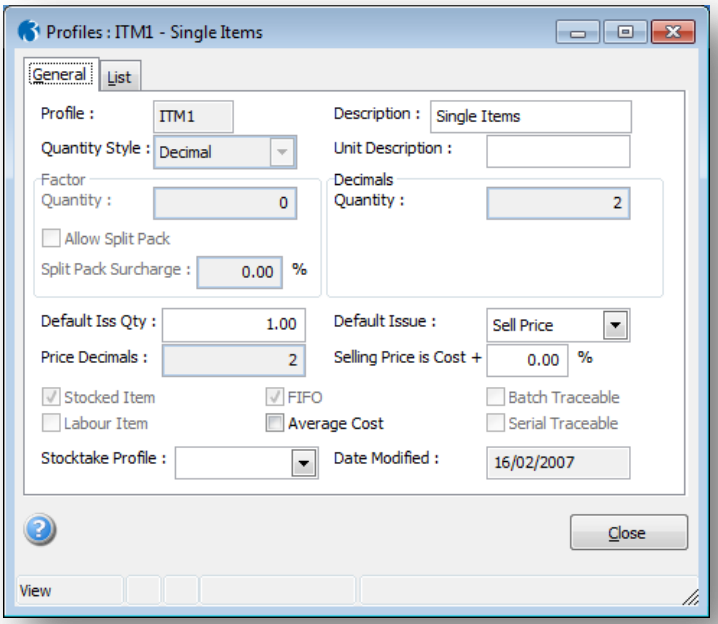


1.7 Apply Stocktake Profile to Stock Profile or individual Stock items at Warehouse level

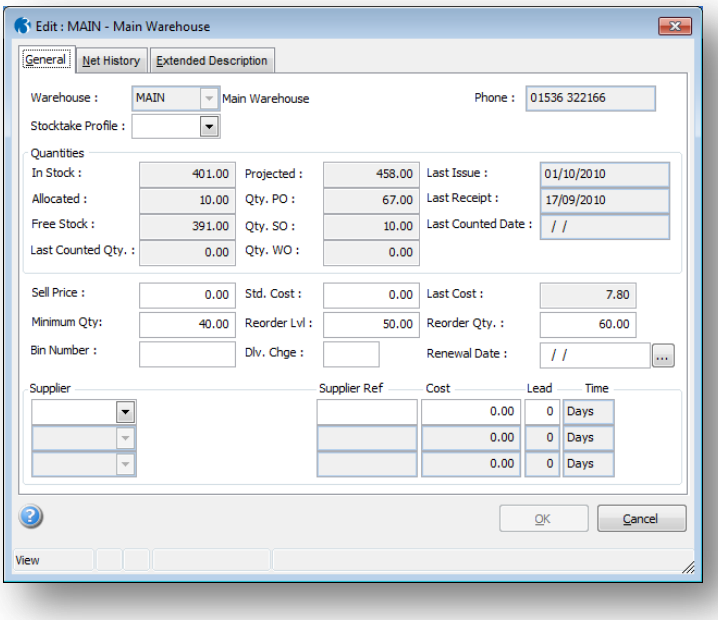
Notes

An option that determines the Stocktake Profile for this profile. Stock items that are linked to this Stock Profile automatically inherit the settings on the Stocktake Profile, which are used by the Stocktake application.

Stocktake Profiles define common attributes that determine how stock items that are linked to the profile are processed in Stocktake.



You can specify and override the Stocktake Profile at Stock item level against each warehouse for the item.



New Fields

In version v1.2, there are new fields for stocktake information such as last count in the Edit – Warehouse fields.

Practical Exercise 2

Notes

(Time Allowed 15 Minutes)

Objectives

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

- *Set-Up Stocktake ready to be used*
- *Create and Assign appropriate Stocktake profiles*

Exercise Details

1. Please set-up company Z to use Stocktake
2. Create 3 Stocktake Profiles
    a. Profile called NOST with a 0 tolerance and 30 Day interval but do not count switched on.
    b. Profile called STD with a 0 tolerance and 30 Day interval but do not count switched off.
    c. Profile called ST10 with a 10% tolerance and 30 Day interval but do not count switched off.
3. Add the STD in Set Options
4. Set the Single Item Stock Profile to use the ST10 Stocktake Profile
5. Override the CMAT044 for all warehouses apart from MAIN to use the NOST Stocktake profile.

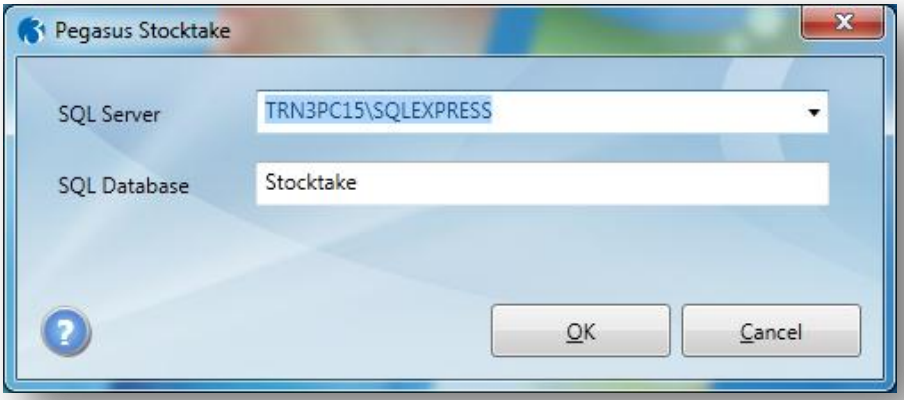
Notes

Accreditation Training Courseware

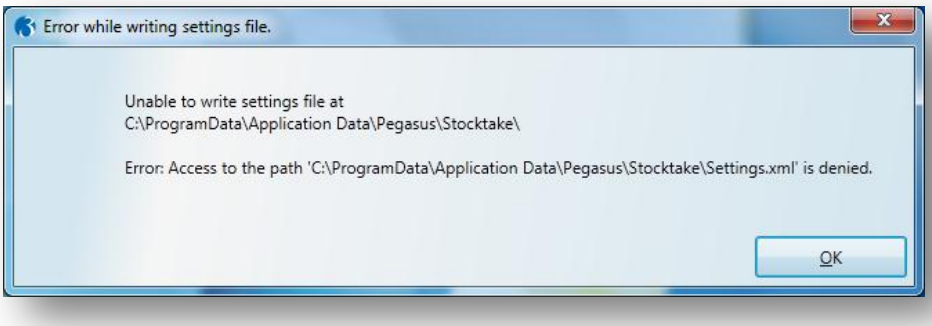
2 Processing

2.1 Stocktake Processing

Note: When Stocktake is run for the first time, you are asked to enter the SQL Server name and a name for the Stocktake database. Subsequently Stocktake will connect to the SQL Server instance and database automatically.



NB: Ensure full permissions have been provided to the Stocktake path so it can write to the files etc. You may experience the following if permissions are not granted.



This may create the database in SQL, but cannot be used which may mean you need to remove the empty database from SQL and recreate it again though Opera 3.

This is the main form that displays the stock takes that have been created and is where new stock takes are created, viewed and closed. You can also view the Sheets for each stock take from this form. The most recent stock takes are displayed at the top of the list.

SQL Server Connection

Notes

Stocktake stores its data in a SQL Server database. Microsoft SQL Server 2005, Microsoft SQL Server 2005 Express, Microsoft SQL Server 2008 or Microsoft SQL Server 2008 Express must be available. You can download Microsoft SQL Server 2005 Express or Microsoft SQL Server 2008 Express from the Microsoft site.

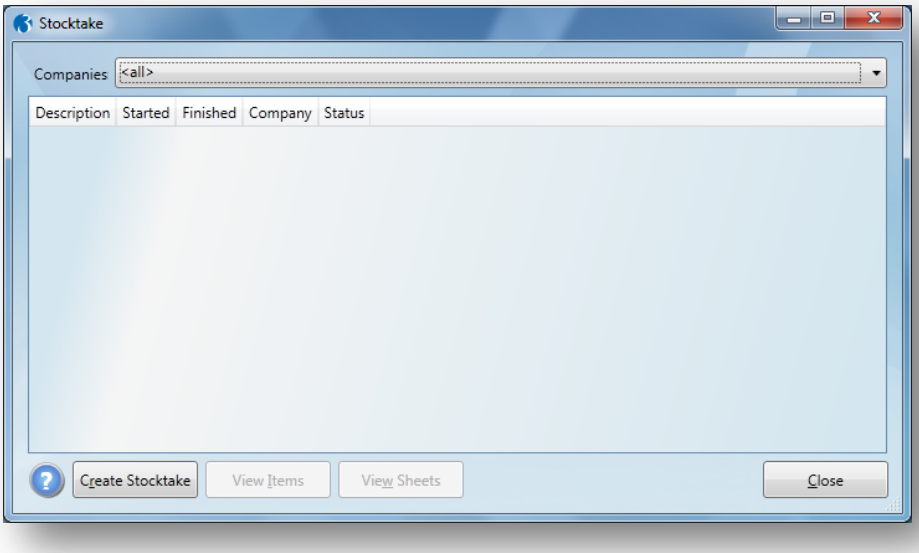
When Stocktake is run for the first time, you are asked to enter the SQL Server name and a name for the Stocktake database. Subsequently Stocktake will connect to the SQL Server instance and database automatically.

The System - Utilities - Backup command in Opera 3 does not back up Stocktake data. You must use the backup facilities in Microsoft SQL Server to back up your Stocktake data.

Box	Description
SQL Server	This lists all the SQL Server instances found either on your computer or on the network you are logged into.
SQL Database	Enter a unique name for the database. If you enter a name for a database that already exists a message is displayed. You will then need to choose a different name for the database.

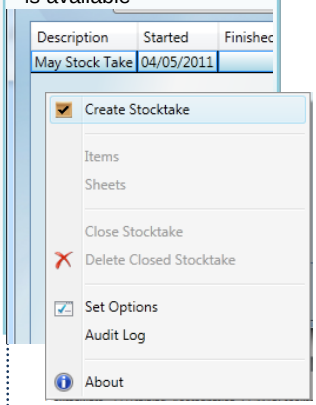
Tip: These details are saved in a file called Settings.xml which is located in the Stocktake data folder; by default the location is C:\Users\All Users\Pegasus\Stocktake\ (Windows 2008 Server, Windows Vista and Windows 7) or C:\Documents and Settings\Pegasus\Stocktake\ (Windows Server 2003 and Windows XP). You must not change the details in this file.

This is the main form that displays the stock takes that have been created and is where new stock takes are created, viewed and closed. You can also view the sheets for each stock take from this form. The most recent stock takes are displayed at the top of the list.



Right Click

Right click functionality is available



Notes

Box	Description	
Type	*Partial stock takes are those that include some but not all stock items. Full stock takes include all stock items. This is for memo purposes.*	
Description	A mandatory description must be entered when the stock take is created.	
Started	The date when the stock take was created which may also be the date the physical stock was counted. This date is the computer's date, not the Opera 3 date.	
Finished	The date when the stock take was closed in the Close Stocktake command. This date is the computer's date, not the Opera 3 date. Stock takes should only be closed after the stock items in Opera 3 have been updated after the count. You are warned if you close a stock take before updating the Stock Control application in Opera 3.	
Company	The company that the stock take will be done for. You can select any company your user profile has been set up to give you access to.	
Status	The status of a stock take can be one of the following:	
	<Blank>	*The stock take is in progress. All the stock items have been counted and all stock items' quantities are the same as held in the Stock Control application in Opera 3.*
	In progress	The stock take is being worked on but has not been completed. The Stock Control application in Opera 3 has not been updated.
	Closed (Complete)	The stock take has been completed and stock items in the Stock Control application in Opera 3 were updated.
	Closed (Incomplete)	The stock take has been closed without it being completed. The Stock Control items in the Stock Control application in Opera 3 were not updated..

You can use command buttons on this form to:

- Start a stock take
- View the items selected for the stock take
- View the sheets created for the stock take.

You can use mouse-click command menu on this form to:

- Start a stock take
- View the stock included on the stock take
- View the sheets created for the stock take
- Close a stock take. Be careful with this option; you will not be able to open the stock take after closing it. You are warned if the items in Stock Control have not been updated if stock adjustments are necessary.
- View Stocktake options - a form where you can enter default settings for new stock takes
- View an audit log, which provides a detailed list of events for each stock take. The audit log includes descriptions for events that take place during the stock take:
  - when a new stock take is created
  - when a stock take is closed prematurely
  - when the Update Opera 3 command is used to update one or more stock items with the quantities counted.

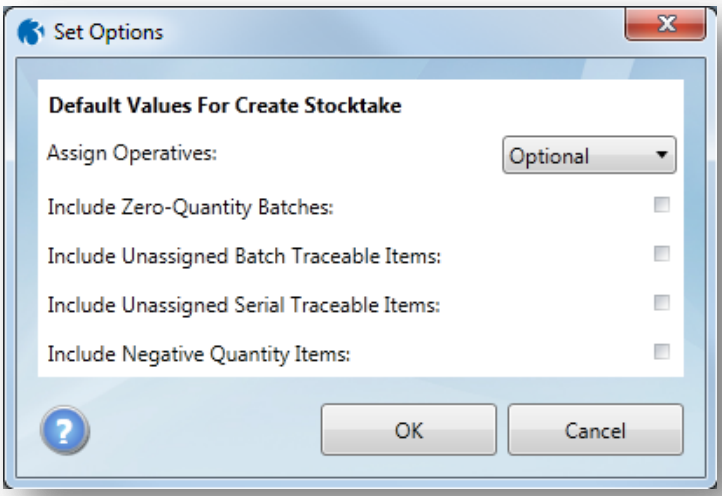
  Note: If Opera 3 could not be updated by the Update Opera 3 command, the reason is highlighted in this colour.
- Delete a closed stock take
- Open the About form that displays the version number for Stocktake.

Note: If your primary mouse button is the left button, click the right button to display a menu to Select all or Deselect all stock items in the list. If your primary mouse button is the right button, click the left button to display the menu.

2.1.1 Set Options

Notes

Use Set Options form to specify default options for new stock takes. These options are selected automatically on the Create Stocktake form.



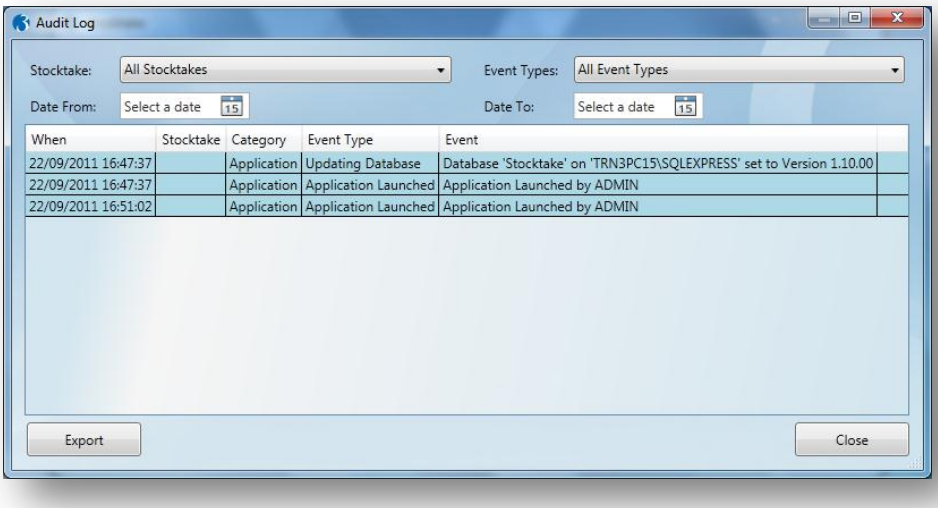
Option	Description
Assign Operatives	When the sheets are set up, you can add the names of the people who will be counting the stock for each sheet. To force the operatives' names to be added for each new stock take, choose 'Mandatory'. If you do not want to add names to each new stock take, choose 'Not Allowed'. Or you can choose 'Optional'.
Include zero-quantity batches	An option that controls whether batches that have been fully issued - that is they have zero remaining items in the batch - are included in new stock takes. This applies only to batch traceable stock items.
Include unassigned batch traceable items	An option that controls whether batch traceable stock items that have not been assigned traceable numbers are included in a new stock take. • If a batch of an item has been received into stock but has not been assigned to a batch, it will be included in a new stock take if this option is ticked. For example, if you receive 50 of an item but have not assigned any of them to a batch number. • If a batch of an item has been received into stock and some of the batch has been assigned a batch number. For example if you receive 50 of an item but only ten have been assigned to a batch, only the assigned items are included if this option is ticked. The remaining 40 cannot be included in a stock take until the stock take is closed.
Include unassigned serial traceable items	An option that controls whether serial traceable stock items that have not been assigned traceable numbers are included in a new stock take. For example, if you receive 100 of an item and have assigned serial numbers to only 60 of them, only the assigned items are included if this option is not ticked.
Include Negative Quantity Items	An option than controls whether stock items can be included in new stock takes even if the in-stock quantity is negative at the warehouse that you select. If this option is not selected stock items with negative in-stock quantities are not displayed on the Create Stocktake - Item Selection form. **Note:** Traceable stock items are not affected by this option because they cannot have negative in-stock quantities. **Important:** This option works with Opera 3 (1.80.30) and later.

2.1.2 Audit Log

Notes

View an audit log, which provides a detailed list of events for each stock take. The audit log includes descriptions for events that take place during the stock take:

- when a new stock take is created
- when a stock take is closed prematurely
- when the Update Opera 3 command is used to update one or more stock items with the quantities counted.

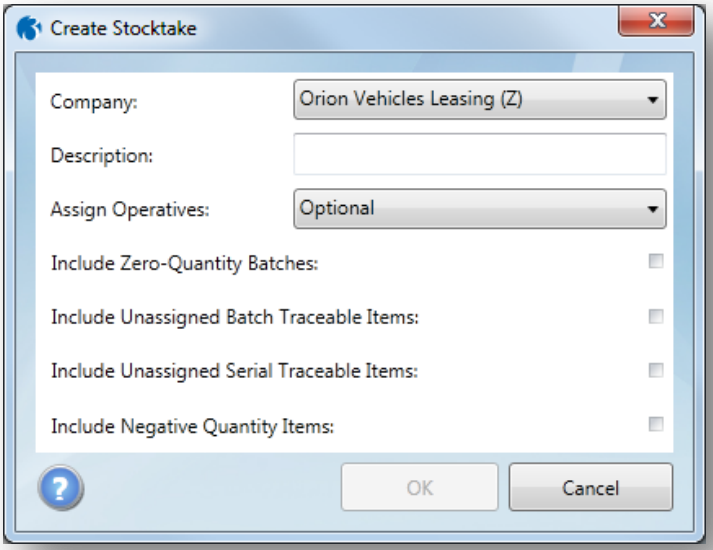


2.2 Creating a New Stocktake

Notes

When you start the stock take process you need to use the Create Stocktake form. After completing these boxes you select the stock items to include in the stock take on another form. When the stock items are selected to be included in a stock take, the items are 'marked' in Stock Control to indicate they are being counted. Anyone using Opera 3 can still use the stock item, for example they can issue stock to customers or receive stock from suppliers, but if the in stock quantity changes, Stocktake cannot post any stock adjustments to Opera 3 even if the physical stock that is counted does not match the quantity in Stock Control.

You should therefore consider instructing all your users in Opera 3 not to post stock issues, receipts or adjustments in Stock Control, delivery notes or invoices in Invoicing or Sales Order Processing or stock receipts in Purchase Order Processing for the stock items involved in the stock take until it is closed.



1. Open the Stock folder and then click Stocktake or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Stocktake.
2. The Pegasus Stocktake form is displayed.
3. Click Create Stocktake. Choose either a Full or Partial stock take, enter a description, select the company and whether operatives must be assigned.
4. Click Ok.

Box	Description
System	If the Additional Systems feature is used, which makes it possible to maintain more than 36 companies, you can choose the system you want to work in. After you choose the system you must the select the company you want to create a stock take for.
Company	The Opera 3 company, which defaults to the company you are logged in to in Opera 3. You can select any company your user profile has been set up to give you access to.
Description	You must enter a unique description for the stock take. The description must be different to the descriptions for other stock takes so you can easily identify it in the various forms in Stocktake.
Assign Operatives	When the Sheets are set up, you can add the names of the people who will be counting the stock for each sheet. To force the operatives names to be added, choose 'Mandatory'. If you do not want to add names, choose 'Optional' or 'Not Allowed'.

Notes

Include Zero-Quantity Batches	An option that controls whether batches that have been fully issued - that is they have zero remaining items in the batch - are included in the stock take. This applies only to batch traceable stock items. **Note:** The default setting for this option, which is used when a new Stocktake is created, is defined on the **Set Options** form, which you can access using the right-click menu on the Stocktake form.
Include Unassigned Batch Traceable Items	An option that controls whether batch traceable stock items that have not been assigned traceable numbers are included in the stock take. • If a batch of an item has been received into stock but has not been assigned to a batch, it will be included in a new stock take if this option is ticked. For example, if you receive 50 of an item but have not assigned any of them to a batch number. • If a batch of an item has been received into stock and some of the batch has been assigned a batch number. For example if you receive 50 of an item but only ten have been assigned to a batch, only the assigned items are included if this option is ticked. The remaining 40 cannot be included in a stock take until the stock take is closed. **Note:** The default setting for this option, which is used when a new Stocktake is created, is defined on the **Set Options** form, which you can access using the right-click menu on the Stocktake form.
Include Unassigned Serial Traceable Items	An option that controls whether serial traceable stock items that have not been assigned traceable numbers are included in the stock take. For example, if you receive 100 of an item and have assigned serial numbers to only 60 of them, only the assigned items are included if this option is not ticked. **Note:** The default setting for this option, which is used when a new Stocktake is created, is defined on the **Set Options** form, which you can access using the right-click menu on the Stocktake form.
Include Negative Quantity Items	An option than controls whether stock items can be included in new stock takes even if the in-stock quantity is negative at the warehouse that you select. If this option is not selected stock items with negative in-stock quantities are not displayed on the Create Stocktake - Item Selection form. **Note**: Traceable stock items are not affected by this option because they cannot have negative in-stock quantities. **Important**: This option works with Opera 3 (1.80.30) and later.

NB – If Company dropdown is blank it could be that the Stocktake has not been enabled for the company or no stocktake profiles created or assigned.

You are then offered a Stock Selection screen and can move onto the next process.

2.2.1 To Choose items for a Stocktake

Notes

This form is where you choose the stock items to include in a stock take.

Any stock items that are linked to Stocktake Profiles in the Stock Control application that have the Do Not Count box ticked are not displayed on the form. Also, stock items are only displayed if they are due to be included in a stock take - this is controlled by the Interval box on the item's Stocktake Profile.

Because stock items can only be included in one open stock take, only stock items that are not already assigned to a stock take are displayed on the form.

When the stock items are selected to be included in a stock take, the items are 'marked' in Stock Control to indicate they are being counted. Anyone using Opera 3 can still use the stock item, for example they can issue stock to customers or receive stock from suppliers, but if the in stock quantity changes, Stocktake cannot post any stock adjustments to Opera 3 even if the physical stock that is counted does not match the quantity in Stock Control.

You should therefore consider instructing all your users in Opera 3 not to post stock issues, receipts or adjustments in Stock Control, delivery notes or invoices in Invoicing or Sales Order Processing or stock receipts in Purchase Order Processing for the stock items involved in the stock take until it is closed.

Ordering the Items

When a stock take is created you can change the order of the stock items by clicking the name of a column on the Item Selection form. For example, you can sort the stock items into descending order by clicking the Stock Ref. column name. You can also sort more than one column by holding the CTRL key down as you click the column name. For example, to sort the stock items into ascending order warehouse-category-stock reference order, press and hold the keyboard CTRL key and click the Warehouse, Category and Stock Ref column in sequence.

Note: Columns sorted in ascending order are displayed with an arrow pointing up. Columns sorted in descending order are displayed with an arrow pointing down. Once the items are selected the order is saved so the items are displayed in the same order on the Items form.

Tip: You can use either your keyboard or your mouse when you work in the Stocktake application. To use your mouse, simply point and click the button, list or tick box you want to use. To use keyboard shortcut keys, press the ALT key and then select the underlined letter. In some Windows products like Windows 7, the underline may not be displayed until you press the ALT key. However, using the 'Ease of Access Center' in Windows 7 (Windows Start - Control Panel - Ease of Access Center), you can force the underline to be displayed automatically.

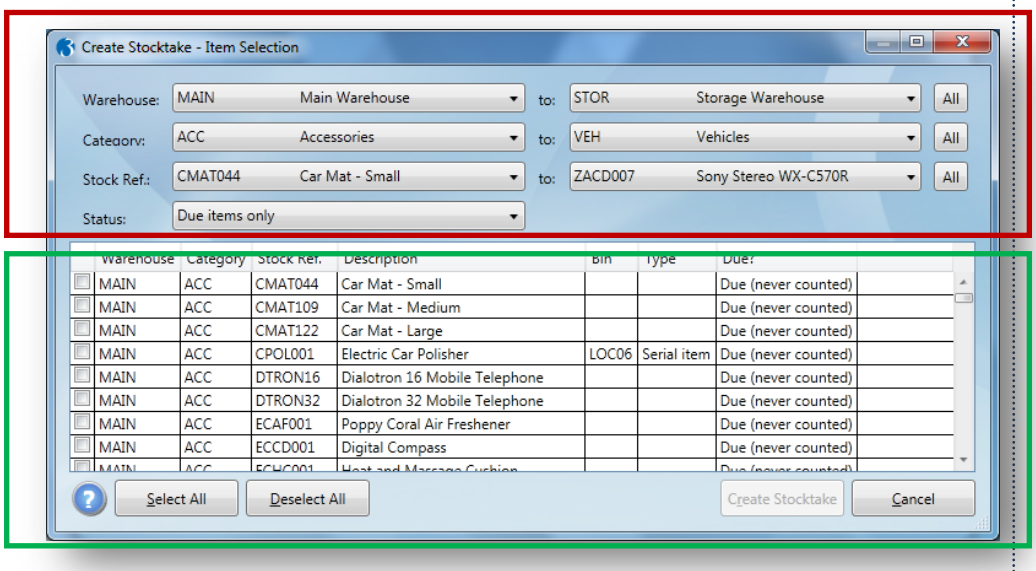
- Open the Stock folder and then click Stocktake or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Stocktake.
- Click **Create Stocktake**. Select the company, enter a description and choose whether operatives must be assigned to the count. Then click **OK**.

Notes

1. Filter the stock items in the display by selecting one or more warehouses, stock categories or stock items. To display only stock items that are due to be included in a stock take, select Due items only from the Status box. Due items are those that have not been checked within the time span specified on the Stocktake Profile linked to the stock item.
2. Tick the stock items you want to include in the stock take. Click Select All to tick all items.
3. Click the Create Stocktake button.

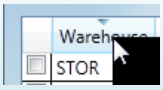
Filters

Stock Selection

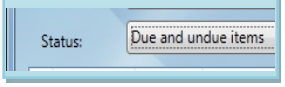


Left Click Sorting

Click (left Mouse) on the header section to change sort order



Status can be set to include Due and also Undue items.



1. *Open the Stock folder and then click Stocktake or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Stocktake.*
2. *Click Create Stocktake. Select the company and enter a description. The remaining options are updated for you based on the default settings on the Set Options form. Change these if necessary and then click OK.*
3. *Filter the stock items in the display by selecting one or more warehouses, stock categories or stock items. To display only stock items that are due to be included in a stock take, select Due items only from the Status box. Due items are those that have not been checked within the time span specified on the Stocktake Profile linked to the stock item.*
4. *Tick the stock items you want to include in the stock take. Click Select All to tick all items.*
5. *Click the Create Stocktake button.*

Tip: The next step is to Create and Print your sheets for the stock take.

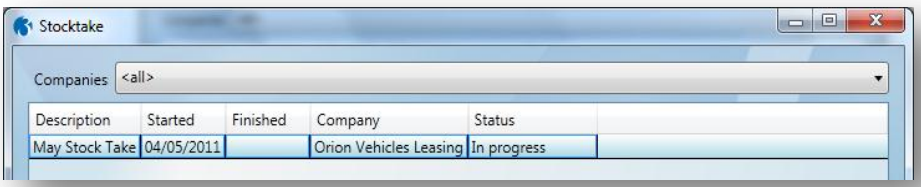
Note: If all stock items in the selected company are already allocated to one or more stock takes that are in progress, this message is displayed 'Cannot create a stock take as no items are available for selection within this company'.

Notes

Form	Description	
Warehouse	Choose the warehouses for the stock take. You can choose an individual warehouse or click All to choose all warehouses.	
Bin	Choose the bin number for the items to include in the stock take. Only stock items that have the selected bin number entered for its warehouse will be displayed for inclusion in the stock take. Blank bin numbers are also valid because they are not mandatory in Stock Control. Bin numbers are maintained on the Stock Control - Processing - View - Edit form. Click All to choose all bin numbers including empty bin numbers.	
Category	Choose the stock categories for the stock take. You can choose an individual category or click All to choose all categories. **Note**: Stock categories are optional in Opera 3. If you do not use them the boxes are not displayed.	
Stock Ref.	Choose the stock items for the stock take. You can choose an individual item or click All to choose all items.	
Type	This displays the type of stock item. *Batch item* is displayed for batch traceable stock items. *Serial item* is displayed for serial traceable stock items. A blank type is displayed for stock items that are not either serial traceable or batch traceable.	
Due?	This displays the status for each item for the stock take using the settings on the Stocktake Profile or Stock Profile that the stock item is linked to.	
	Due (never counted)	The item is due to be counted in a stock take but has never been counted for a stock take.
	Due (since <date>)	The item has been due to be counted in a stock take since the date displayed.
	Not Due until <Date>	The item is not due to be counted in a stock take until the date displayed.

You can use mouse-click command menu on this form to:

- Select all stock items or deselect all stock items



Tip: The next step is to Create and Print your sheets for the stock take.

Stock Items not Included in Stocktake These stock items will not be displayed in Stocktake for counting:

- Items that are linked to Stocktake Profiles with the Do Not Count box ticked. These are ignored because they have been specifically marked as items that should not be counted.
- Items that are not due to be counted. This is controlled by the Interval box on the item's Stocktake Profile. The items will be displayed again after the number of days defined as the interval between stock takes.
- Items with negative in-stock quantities. These are always ignored by Stocktake. If these items are found during a stock take, you can record the quantity found by using the Stock Control - Processing - Adjustment form.
- Items that are already included in an open stock take

2.3 View Items

Notes

This form is where the stock that has been selected for a stock take is displayed. The form displays details of each stock item including the stock quantities taken from the Opera 3 Stock Control application. There are columns for sheets - a maximum of three counts can be recorded per stock item. A status is displayed for each stock item. You can choose to view all stock items for the stock take or only the items that have yet to be counted. You can also choose to view all the items that are already on a sheet or those that have not yet been allocated to a sheet.

2.3.1 Ordering the Items

When a stock take is created you can change the order of the stock items by clicking the name of a column on the Item Selection form. For example, you can sort the stock items into descending order (This sorts a column in alphabetical and numerical descending order (Z-A, 9-0)) by clicking the Stock Ref. column name. You can also sort more than one column by holding the CTRL key down as you click the column name. For example, to sort the stock items into ascending order (This sorts a column in alphabetical and numerical ascending order (A-Z, 0-9)) warehouse-category-stock reference order, press and hold the keyboard CTRL key and click the Warehouse, Category and Stock Ref column in sequence.

Note: Columns sorted in ascending order are displayed with an arrow pointing up. Columns sorted in descending order are displayed with an arrow pointing down.

Once the items are selected the order is saved so the items are displayed in the same order on the Items form.

2.3.2 Filtering the items

You can filter the items that are displayed by choosing one of the following:

Item Statuses	Select to ...
All Statuses	View all the items included in the sheet.
Outstanding (not completed)	View items with the status of *Unassigned*, *Resolved, quantity = x*, *Ready*, *Pending*, *Out of Range* or *Discrepancy*.
Unassigned and Pending	View items with the status of either *Unassigned* or *Pending*.
Ready to Update Opera 3	View items with the status of either *Resolved, quantity = x* or *Ready*.
Resolve Required	View items with the status of either *Out of Range* or *Discrepancy*.
Completed	View items with the status of either *Opera 3 updated* or *Opera 3 Update Impossible*.

Warehouse	Stock Item	Type	Bin	Existing	Count 1	Sheet 1	Count 2	Sheet 2	Count 3	Sheet 3	Status
MAIN	TTFC001 (Red Metal Fuel Can 10L)			36.00							Unassigned (1 to go)
MAIN	TTWT001 (Warning Triangle)			22.00							Unassigned (1 to go)
MAIN	VHL1633 (Ford Galaxy Ghia 1.9 Tdi)			4.00							Unassigned (1 to go)
MAIN	VHL2945 (BMW X3 2.5si SE)			1.00							Unassigned (1 to go)
MAIN	VHL3245 (Ford Galaxy TDi 1900cc)			6.00							Unassigned (1 to go)
MAIN	VHL3429 (Vauxhall Corsa SXi)			8.00							Unassigned (1 to go)
MAIN	VHL4245 (Renault Espace Dci 2000cc)			0.00							Unassigned (1 to go)
MAIN	VPAC801 (Autocare Vehicle Refinishing Paint BLACK)	Batch item	PBIN90	86.60							Unassigned (1 to go)
MAIN	VPAC802 (Autocare Vehicle Refinishing Paint WHITE)	Batch item	PBIN91	26.00							Unassigned (1 to go)
MAIN	WMBC001 (Jump-Starter Pro)	Serial item	LOC5	13							Unassigned (1 to go)
MAIN	WRN01 (Warning Triangle)			80.00							Unassigned (1 to go)
MAIN	ZACD005 (Sony Stereo WX-C500)			6.00							Unassigned (1 to go)
MAIN	ZACD006 (Clarion DXZ615 Pro Audio CD Player)			4.00							Unassigned (1 to go)
MAIN	ZACD007 (Sony Stereo WX-C570R)			11.00							Unassigned (1 to go)
QSTR	CMAT044 (Car Mat - Small)			0.00							Unassigned (1 to go)

2.3.3 Viewing the items

Notes

The required items are then displayed in a grid.

Box	Description	
Type	This displays the type of stock item. *Batch item* is displayed for batch traceable stock items. *Serial item* is displayed for serial traceable stock items. A blank type is displayed for stock items that are not either serial traceable or batch traceable.	
Existing	This is the in-stock quantity for the stock item taken from the Stock Control application in Opera 3 when the stock take was started. The first step of the stock take is to select the stock items. When the stock items are selected to be included in a stock take, the items are 'marked' in Stock Control to indicate they are being counted. Anyone using Opera 3 can still use the stock item, for example they can issue stock to customers or receive stock from suppliers, but if the in stock quantity changes, Stocktake cannot post any stock adjustments to Opera 3 even if the physical stock that is counted does not match the quantity in Stock Control. You should therefore consider instructing all your users in Opera 3 not to post stock issues, receipts or adjustments in Stock Control, delivery notes or invoices in Invoicing or Sales Order Processing or stock receipts in Purchase Order Processing for the stock items involved in the stock take until it is closed.	
Count /Sheet *x*	Each stock item can be counted between one and three times. The minimum number of times is set on the Stocktake Profile the stock item is linked to. However, even if the Stocktake Profile is set to count once, you can still count up to three times.	
Status	This displays the status for each item for the stock take using the settings on the Stocktake Profile or Stock Profile that the stock item is linked to.	
	Unassigned (x to go)	The stock item has yet to be assigned to the required number of sheets defined on the Stocktake Profile. For example, if the profile is set so that three sheets must be created but only one sheet has been created, the status is set to *Unassigned (2 to go).*
	Resolved, quantity = x	There was an issue with the count which has now been resolved. For example, two people counted an item but the counts were not the same. The Resolve command was used to enter the correct quantity.
	Ready	The stock item has been counted the required number of times. If the counts were different they have been resolved. Stocktake can update the item with a 'Last Counted Date' and post an adjustment if necessary.
	Pending	One or more counts are still outstanding. For example, if two sheets are required and only one sheet has been completed.
	Out of Range	The actual stock quantity found is not within the tolerance percentage defined on the item's Stocktake Profile. For example, if the tolerance percentage is 10% Stocktake will accept a stock quantity within 10% of the stock quantity in the Stock Control application.
	Discrepancy	The stock item has been counted more than once but the different counts are not the same.
	Opera 3 updated	Each item in Stock Control has been updated with a 'Last Counted Date'. If a stock adjustment was required for the item, it was posted to Opera 3.
	Opera 3 Update Impossible	Stocktake attempted to update the item with a 'Last Counted Date' and post an adjustment to Opera 3 if required but failed because the quantity for the item in Stock Control has changed since the stock take was started. For example, someone may have issued one or more of the items to a customer. Because the stock position has changed, Stocktake can never update the items in Stock Control. If an adjustment is needed, this must be posted manually in Stock Control. **Note:** The message 'Some items could not be updated' is displayed in this situation when Stocktake attempts to update each item with a 'Last Counted Date' and post an adjustment if necessary.

Notes

You can use command buttons on this form to:

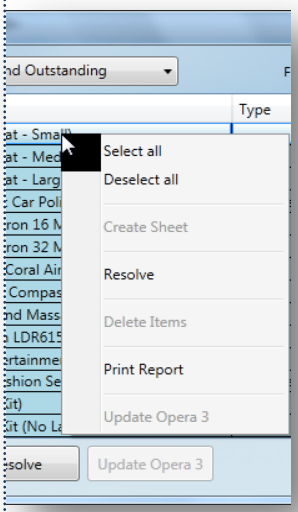
- Create sheets
- Resolve any issues with the count, for example if a count was outside the acceptable tolerance percentage defined on the item's Stocktake Profile.
- Update Opera 3 if the quantities recorded are inside the acceptable tolerance range for the items. The button is otherwise disabled. What's a tolerance range? The actual stock quantity found is not within the tolerance percentage defined on the item's Stocktake Profile. For example, if the tolerance percentage is 10% Stocktake will accept a stock quantity within 10% of the stock quantity in the Stock Control application. After the items are updated, they will not be displayed as due for another count until the relevant number of days have passed.

  If adjustments are needed because the counted stock and in-stock quantity are different, they will normally be posted when Opera 3 is updated. For example, if there are 401 of an item in stock but 407 are counted, an adjustment posting for six will automatically be posted to Stock Control. If the in-stock quantity changes when an item is being counted, Stocktake can still post an adjustment if necessary. However, you need to choose the quantity to use. The in-stock quantity will change when receipts from suppliers are posted and when items are issued to customers.

  If stock adjustments are not required, the stock item is updated with a last counted date and quantity found.

Tip: You can use either your keyboard or your mouse when you work in the Stocktake application. To use your mouse, simply point and click the button, list or tick box you want to use. To use keyboard shortcut keys, press the ALT key and then select the underlined letter. In some Windows products like Windows 7, the underline may not be displayed until you press the ALT key. However, using the 'Ease of Access Center' in Windows 7 (Windows Start - Control Panel - Ease of Access Center), you can force the underline to be displayed automatically.

You can use right mouse-click command menu on this form to:



- Select all stock items or deselect all stock items
- Create sheets
- Resolve any issues with the count, for example if a count was outside the acceptable tolerance percentage defined on the item's Stocktake Profile
- Delete stock items from a stock take
- Print a report that details the items counted and the status for each item
- Update Opera 3. If stock adjustments are required, the stock items affected will be updated with the difference between the physical stock counted and the quantities for the items in Opera 3. For example, if a stock item's in-stock quantity in Opera 3 is 401 but 407 are counted at the stock location, an adjustment posting for 6 of the item will be posted to Opera 3. The item is also updated with a 'last counted' date and quantity for the warehouse where the stock was counted.

  If stock adjustments are not required, the stock item is updated only with a 'last counted' date and quantity for the warehouse where the stock was counted.

  After the items are updated, they will not be displayed as due for another stock take until the relevant number of days have passed. This is defined on the Stocktake Profile.

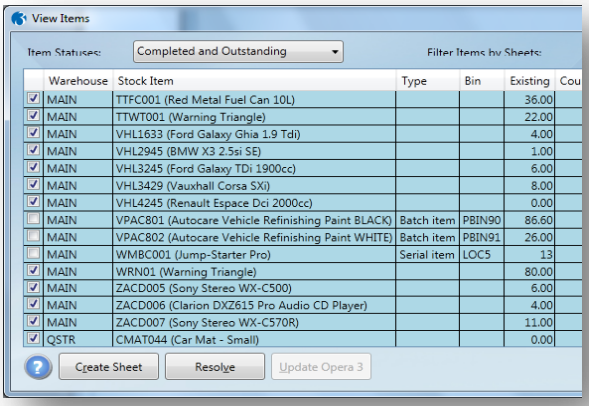
Note: If your primary mouse button is the left button, click the right button to display a menu to **Select all** or **Deselect all** stock items in the list. If your primary mouse button is the right button, click the left button to display the menu.

2.3.4 To Create and Print Sheets

Notes

The user has the ability to create up to 3 Stocktake sheets per item. These can be spread across any number of sheets for different operators to use. The system will automatically populate the Sheet(s) names against the appropriate Sheet column. When a Count is done for the respective sheet the linked Count column will be populated.

This is the form where you create and print sheets for counting by your operatives. You can create up to three sheets for each item using different operatives to count the stock.

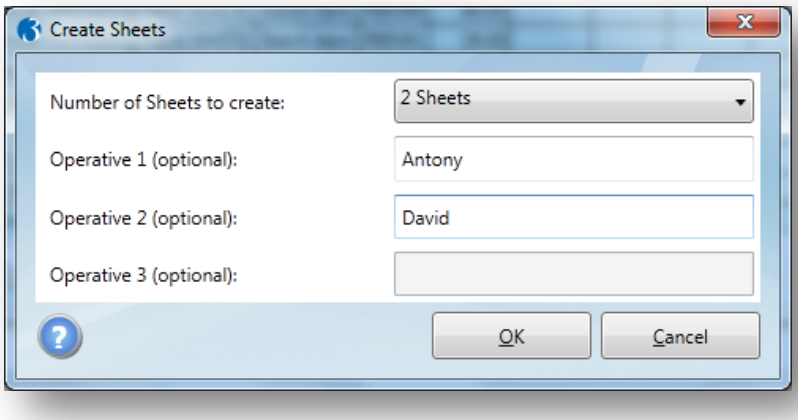


To create a new Stocktake Sheet

1. Open the Stock folder and then click Stocktake or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Stocktake.
2. Click Items to select the stock items. Then click Create Sheet. Create the sheets and close the Items form.
3. Click Sheets. Under Sheets to display, select the sheet you want to print.
4. Click Print Sheet to print the sheet or click Print All Unprinted Sheets using the mouse-click menu. The Windows Print form is displayed. Choose the printer you want to use and click Print.

Note: If your primary mouse button is the left button, click the right button to display a command menu. If your primary mouse button is the right button, click the left button to display the menu.

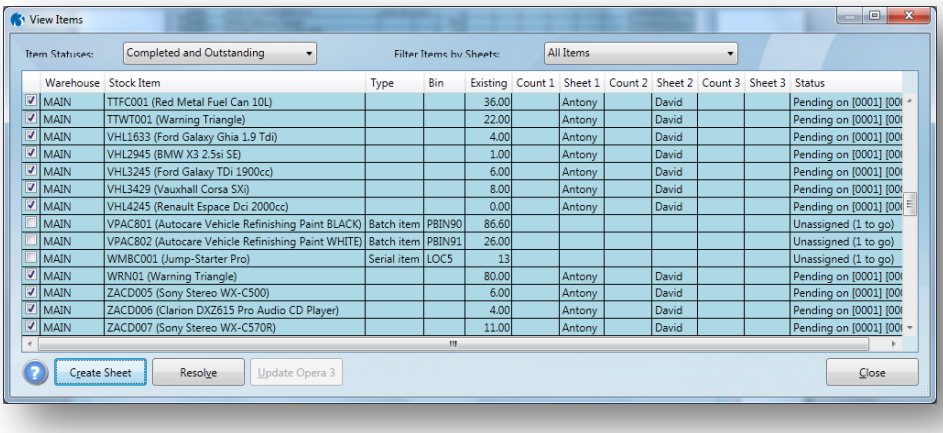
Tip: The next step is to Record the Stock Quantities found during the stock take.



Notes

Box	Description
Number of Sheets to create	Select the number of Sheets to create during this process run. A maximum of up to 3 Sheets can be used for each item. **Note**: The system will automatically inform the user as part of the drop down option if there are some items that may not be placed on all the Sheets to be created during this run. i.e. An item already exists on 2 other Sheets and you are creating another 2. These items will automatically be associated with Sheet 1 only which completes the item being linked to up to 3 Sheets. The options that are displayed in the list depend on how many items are selected to include and whether sheets have already been created for one or more of the selected items. • If no items are already included on a sheet, you can choose 1, 2 or 3 sheets. • If one or more items are already included on a sheet, you can choose 1 or 2 sheets. • If one or more items are already included on two sheets, you can choose 1 sheet. **Note:** If the caption *not all items can be used* is displayed next to the number of sheets, one or more of the items is already included on a sheet.
Operative (1-3)	Enter up to 3 Operative references for the respective Stocktake Sheet. These will be mandatory, optional or not allowed depending on the original steps in creating this Stocktake. This could be the names of the people who will be counting the stock.

You can see the Sheets created for each item in the View Item form

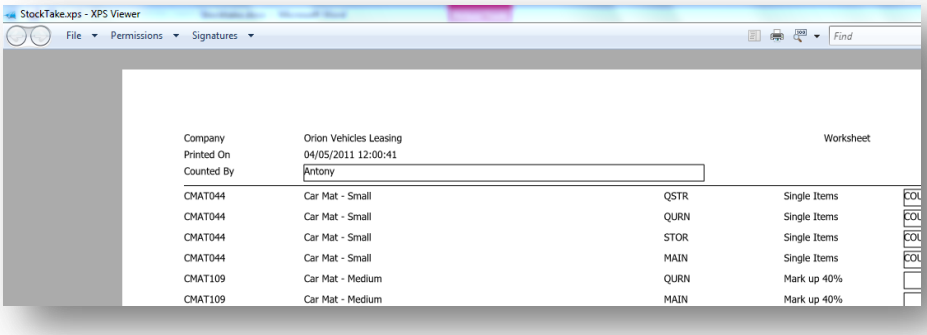


Warehouse	Stock Item	Type	Bin	Existing	Count 1	Sheet 1	Count 2	Sheet 2	Count 3	Sheet 3	Status
MAIN	TTFC001 (Red Metal Fuel Can 10L)			36.00		Antony		David			Pending on [0001] [00
MAIN	TTWT001 (Warning Triangle)			22.00		Antony		David			Pending on [0001] [00
MAIN	VHL1633 (Ford Galaxy Ghia 1.9 Tdi)			4.00		Antony		David			Pending on [0001] [00
MAIN	VHL2945 (BMW X3 2.5si SE)			1.00		Antony		David			Pending on [0001] [00
MAIN	VHL3245 (Ford Galaxy TDi 1900cc)			6.00		Antony		David			Pending on [0001] [00
MAIN	VHL3429 (Vauxhall Corsa SXi)			8.00		Antony		David			Pending on [0001] [00
MAIN	VHL4245 (Renault Espace Dci 2000cc)			0.00		Antony		David			Pending on [0001] [00
MAIN	VPAC801 (Autocare Vehicle Refinishing Paint BLACK)	Batch item	PBIN90	86.60							Unassigned (1 to go)
MAIN	VPAC802 (Autocare Vehicle Refinishing Paint WHITE)	Batch item	PBIN91	26.00							Unassigned (1 to go)
MAIN	WMBC001 (Jump-Starter Pro)	Serial item	LOC5	13							Unassigned (1 to go)
MAIN	WRN01 (Warning Triangle)			80.00		Antony		David			Pending on [0001] [00
MAIN	ZACD005 (Sony Stereo WX-C500)			6.00		Antony		David			Pending on [0001] [00
MAIN	ZACD006 (Clarion DXZ615 Pro Audio CD Player)			4.00		Antony		David			Pending on [0001] [00
MAIN	ZACD007 (Sony Stereo WX-C570R)			11.00		Antony		David			Pending on [0001] [00

Remember right- click functionality will allow you to access further functions.

To Print a Stocktake Sheet

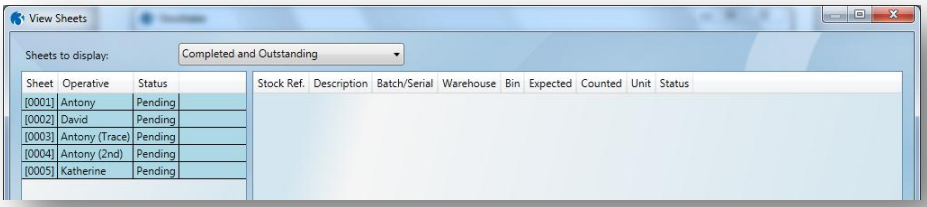
1. While in the View Sheet form
2. Right click on the required Stocktake Sheet and select Print



2.4 View Sheets

Notes

This form is where you view the Sheets that have been created for a stock take and enter the actual physical quantities found in the stock locations. Each stock take can have up to three Sheets. You can choose to view all the Sheets for the stock take - including both completed sheets and sheets that have not been updated yet - or you can view just the sheets that have not been updated.



This form is where you view the sheets that have been created for a stock take and enter the actual physical quantities found in the stock locations. Each stock item can be included on up to three sheets. You can choose to view all the sheets for the stock take - including both completed sheets and sheets that have not been updated yet - or you can view just the sheets that have not been updated.

Sheets

The sheets for the stock take are displayed in the grid on the left-hand side.

Caption	Description	
Sheet ... Operative	Sheets are numbered [0001], [0002] etc and are optionally assigned an operator when they are created.	
Status	A sheet can have one of these states.	
	Pending	Some of the counts for the sheet have not been recorded.
	Entered	All the counts for the sheet have been recorded. If stock adjustments are required, the stock items affected will be updated with the difference between the physical stock counted and the quantities for the items in Opera 3. For example, if a stock item's in-stock quantity in Opera 3 is 401 but 407 are counted at the stock location, an adjustment posting for 6 of the item will be posted to Opera 3. The item is also updated with a 'last counted' date and quantity for the warehouse where the stock was counted. If stock adjustments are not required, the stock item is updated only with a 'last counted' date and quantity for the warehouse where the stock was counted. After the items are updated, they will not be displayed as due for another stock take until the relevant number of days have passed. This is defined on the Stocktake Profile.
	Attention	There are discrepancies in one or more of the counts for the sheet or the count is outside the tolerance percentage on the Stocktake Profile linked to the item.
	Finished	All stock items on the sheet have had stock adjustments posted to Stock Control where required. If stock adjustments were not required, the stock item is updated with a 'last counted' date for the warehouse where the stock was counted. Some items may not have been updated with an adjustment, even though the quantities counted were different to the quantities in Stock Control. *Why could stock adjustments not be posted ?*

Finished…

Notes

Items

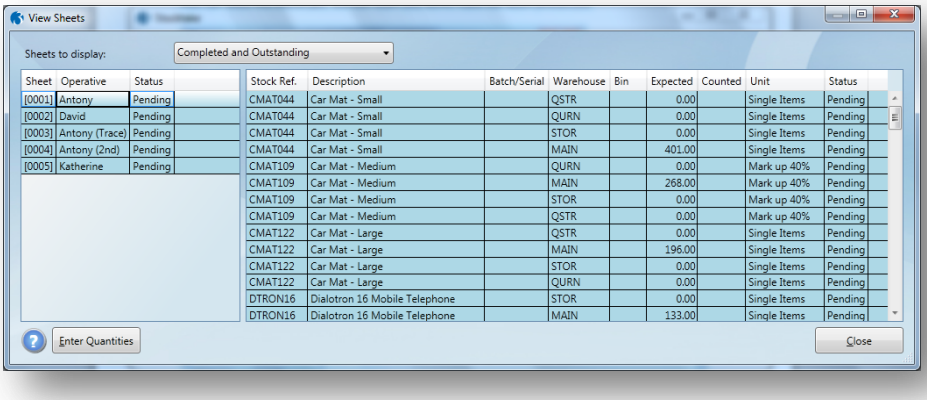
After a stock take has been selected, the items are then displayed in the grid on the right-hand side.

Caption	Description	
Stock Ref... **Description** **Warehouse** **Batch/Serial** **Bin**	These are the details from the warehouse where the stock item is located. The Batch/Serial column is blank if the item is not either a batch traceable or serial traceable item.	
Expected	The stock quantity from the warehouse where the stock item is located. Even if you do not use warehouses in Opera 3, the application still uses the MAIN warehouse.	
Counted	The physical stock found at the location entered from the sheet.	
Unit	This is the description for the Stock Profile that is linked to the stock item, for example ' Single items', 'Boxes', 'Cartons' etc.	
Status	A stock item can have one of these states.	
	Pending	Some of the counts for the stock item have not been recorded. This applies where the item is included on more than one sheets.
	Ready	The stock item has been counted on the required number of sheets. If stock adjustments are required, the stock items affected will be updated with the difference between the physical stock counted and the quantities for the items in Opera 3. For example, if a stock item's in-stock quantity in Opera 3 is 401 but 407 are counted at the stock location, an adjustment posting for 6 of the item will be posted to Opera 3. The item is also updated with a 'last counted' date and quantity for the warehouse where the stock was counted. If stock adjustments are not required, the stock item is updated only with a 'last counted' date and quantity for the warehouse where the stock was counted. After the items are updated, they will not be displayed as due for another stock take until the relevant number of days have passed. This is defined on the Stocktake Profile.
	Out of range	The stock item has been counted but the recorded quantity is outside the tolerance percentage defined on the Stocktake Profile used by the stock item.
	Accepted	There was an issue with the stock item which has been resolved. If stock adjustments are required, the stock items affected will be updated with the difference between the physical stock counted and the quantities for the items in Opera 3. For example, if a stock item's in-stock quantity in Opera 3 is 401 but 407 are counted at the stock location, an adjustment posting for 6 of the item will be posted to Opera 3. The item is also updated with a 'last counted' date and quantity for the warehouse where the stock was counted. If stock adjustments are not required, the stock item is updated only with a 'last counted' date and quantity for the warehouse where the stock was counted. After the items are updated, they will not be displayed as due for another stock take until the relevant number of days have passed. This is defined on the Stocktake Profile.
	Rejected	More than one count has been done for this item on more than one sheet. This quantity recorded on this sheet has been rejected.
	Opera 3 updated	Each item in Stock Control has been updated with a 'Last Counted Date'. If a stock adjustment was required for the item, it was posted to Opera 3.
	Opera 3 update impossible	A stock adjustment could not be posted to Opera 3. This is most likely because the stock quantity for the item in Opera 3 has changed. You cannot attempt to post the stock adjustment again.

Opera 3 update impossible… Why could stock adjustments not be posted ?

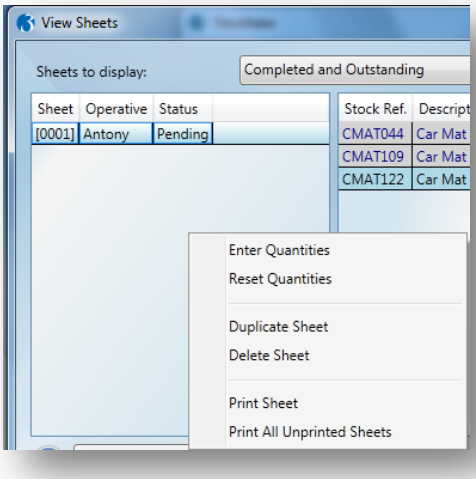
Notes

You can use command buttons on this form to:



- Enter the quantities counted.

You can use mouse-click command menu on this form to:



- Enter the quantities counted
- Duplicate a sheet
- Delete a sheet
- Print the selected sheet or print all the sheets that have not been printed.

Note: The mouse-click menu is displayed only if you click on the left grid (sheets). If your primary mouse button is the left button, click the right button to display a command menu. If your primary mouse button is the right button, click the left button to display the menu.

2.4.1 To Record Stock Found

Notes

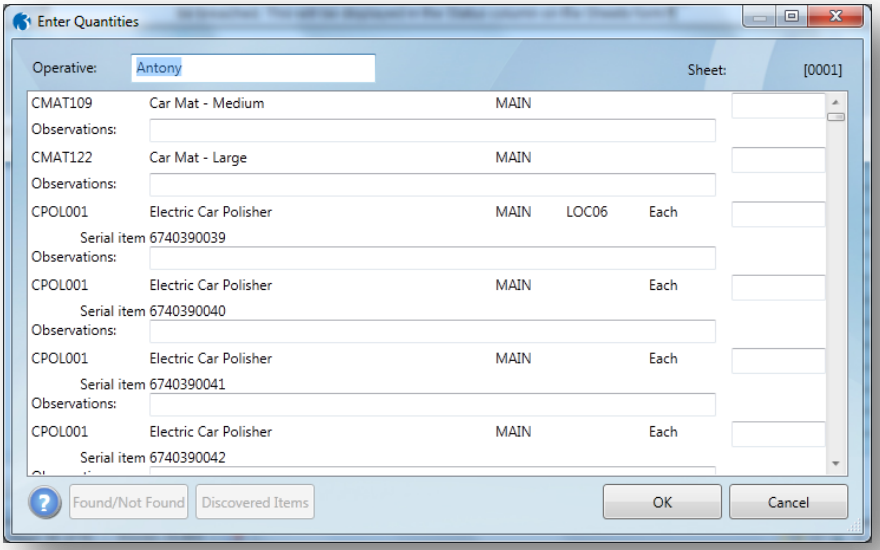
After the stock items have been counted, you need to update Stocktake with the quantities that were found in the stock locations. When quantities are entered, Stocktake checks the tolerance percentage on the Stocktake Profile for each stock item.

If the quantity entered is outside of the tolerance percentage, you will need to resolve the situation by using the Resolve menu command on the View Stock form before you can update Opera 3.

Enter Quantities

This form is where you enter the quantity found for each stock item during the stock take. If the person who counted the stock item entered a comment on the sheet, you can also enter comment here.

Tip: You do not need to enter the quantities for all items in one go. If you need to do another task before you finish entering the quantities, click **OK** to save the quantities you have entered. You can re-open the form to continue at a later time.



Enter the name of the operative, the quantities and any observations you want to make on this form.

Form	Description
Operative	The name of the person who counted the items.
Quantity	The quantity you can enter depends on the quantity style on the Stock Profile for the item. This determines whether the stock items are maintained in either decimal quantities (counting to base ten) or factored quantities (counting to a base other than ten; such as dozens, pounds and ounces, and so on). You can only enter '1' or '0' for serial traceable items because these items have singular traceable numbers. **Tip:** If the person who counted the stock has noted a number of quantities found for an item, you can add these quantities together in this box. So if you enter '9+7+3' Stocktake will add these together and display 19. Factored quantities can also be added, for example for a box of 6 wine bottles, if part boxes were counted Stocktake will add the quantities together, so ' /5 + /4 + 1/0' (5 bottles + 4 bottles + 6 bottles) will be displayed as 2/3 boxes. For factored quantities, you can enter split factors, even if the **Allow Split Pack** option on the Stock Profile is not used.

Quantity…	**Note:** The caption displayed for the box is the **Unit Description** taken from the Stock Profile for the item. For example, 'Single Items' or 'Boxes'.
Observations	Each person who counted the stock could have added a note to their sheet. If so, you can add their comments to Stocktake. These comments are also displayed on the Resolve Stocktake form.

Notes

To Record Stock Quantities

After the stock items have been counted, you need to update Stocktake with the quantities that were found in the stock locations. When quantities are entered, Stocktake checks the tolerance percentage on the Stocktake Profile for each stock item. If the quantity entered is outside of the tolerance percentage, you will need to resolve the situation by using the Resolve button on the Items form before you can update Opera 3. You do not need to enter the quantities for all items in one go. If you need to do another task before you finish entering the quantities, click OK to save the quantities you have entered. You can re-open the form to continue at a later time.

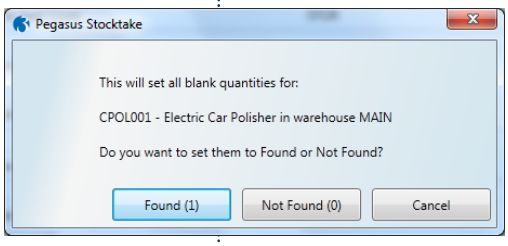
Tip: You do not need to enter the quantities for all items in one go. If you need to do another task before you finish entering the quantities, click **OK** to save the quantities you have entered. You can re-open the form to continue at a later time.

1. Open the Stock folder and then click Stocktake or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Stocktake.
2. Click Sheets.
3. Under Sheets to display, select the worksheet you need to record the record the stock for. Then click the Enter Quantities button.
4. On the Enter Quantities form, enter the quantity found for each stock item. If the person who counted the stock item entered a comment on the sheet, you can also enter a comment in the Observations box.

Tip: If the person who counted the stock has noted a number of quantities found for an item, you can add these quantities together in this box. So if you enter '9+7+3' Stocktake will add these together and display 19. Factored quantities can also be added, for example for a box of 6 wine bottles, if part boxes were counted Stocktake will add the quantities together, so ' /5 + /4 + 1/0' (5 bottles + 4 bottles + 6 bottles) will be displayed as 2/3 boxes. For factored quantities, you can enter split factors, even if the **Allow Split Pack** option on the Stock Profile is not used.

You can also use the **Found/Not Found** button to quickly set a selected serial stock item as either being found or not found.

5. If you have also discovered serial or batch items that were not expected, you may need to capture these details so that the Stock Control application is updated. To capture these details, click the **Discovered Items** button.
   i. Enter the first item's details on the Discovered Items form and then click the Add button. A note is displayed on the bottom of the form to indicate the number of new items that were discovered. The form is also cleared ready for more details
   ii. If you have further details to add, enter the other details on the form and click Add again. Repeat again if necessary.
   iii. Click OK to return to the Enter Quantities form.
6. Click **Close** after you have entered the quantities for all the stock items. If the quantity entered is outside of the tolerance percentage, you will need to resolve the situation by using the **Resolve** button on the Items form before you can update Opera 3.



Notes

Notes:

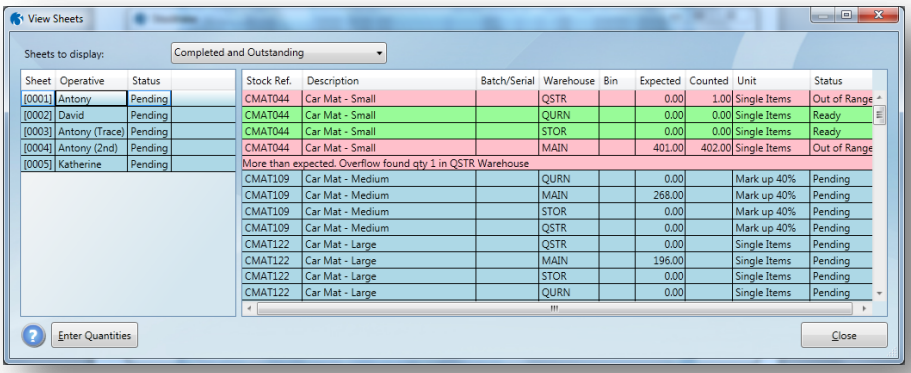
1. Discovered items are only displayed on the Enter Quantities form for the worksheet after it is closed and reopened. A note like '1 item has been discovered ...' is displayed at the bottom of the form to indicate the number of items that have been discovered.

2. Discovered items are only displayed on the worksheet that the details were entered for. For example, if two worksheets are opened for a stock take, and the person using the first worksheet discovers the stock items which are then entered in the Stocktake application, only the first worksheet will include the discovered items. However, any new worksheets will include the discovered items.

Tip: The next step is to Resolve the Stocktake if quantities that were counted were outside the acceptable tolerance range for the items.

What's a tolerance range?

The actual stock quantity found is not within the tolerance percentage defined on the item's Stocktake Profile. For example, if the tolerance percentage is 10% Stocktake will accept a stock quantity within 10% of the stock quantity in the Stock Control application.



Using the Command Buttons

You can use command buttons on this form to:

- Quickly set the selected serial items as being either found or not found
- Enter details of any serial or batch items that have been discovered during the stock take.

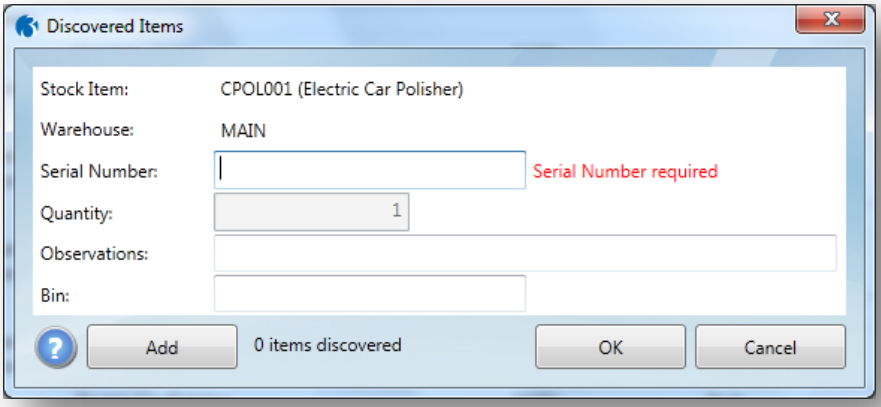
2.4.1.1 Discovered Items

There may be occasions when either serial items or items from a batch are unexpectedly found during a stock take. For example, you may have expected an item to have been shipped to a customer but then discovered it in your warehouse. These items may then need to be included in the stock take so that the Stock Control application can be updated.

On the Discovered Items form you can enter a batch or serial number for each discovered item, the quantity found, the observations noted and the bin location where the item was found. Details of these items are then displayed on the Sheets form after you save their details on this form. The expected quantity for each of these items is displayed as zero because the items are added to the stock take after it was created.

Notes

As the items were not expected to be found, the tolerance range for the item may be breached. This will be displayed in the Status column on the Sheets form.



What's a tolerance range? (The actual stock quantity found is not within the tolerance percentage defined on the item's Stocktake Profile. For example, if the tolerance percentage is 10% Stocktake will accept a stock quantity within 10% of the stock quantity in the Stock Control application).

Box	Description
Batch/Serial Number	The batch number or the individual serial number that relates to the discovered item.
Quantity	The quantity discovered. For serially traced items, the quantity is automatically set to '1' and disabled.
Observations	Any observation noted by the person who discovered the stock.
Bin	The bin location where the discovered item was found.

Note: This only applies to stock items that are linked to a Stock Profile with either the Batch Traceable box or the Serial Traceable box ticked.

Practical Exercise 3

Notes

(Time Allowed 20 Minutes)

Objectives

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

- *Create a New Stocktake*
- *Create new Stocktake Sheets*
- *Print a Stocktake Sheets*
- *Process a "Count"*

Exercise Details

1. Create a New Stocktake called May. Leave the Assign Operatives.
2. Select all Car Mat Stock Items (2) for MAIN
3. Create 2 New Stocktake Sheets with all Items, one for a user named Cole and one for you.
4. Print the Sheets to the XPS driver and view through Internet Explorer or Firefox.
5. Complete the counts for both Sheets – with the exact correct qty apart from Large Car Mat, set this to a qty of 3 more and 1 more for the 2 Stocktake Sheets respectively.
6. Create another Sheet based on only the Large Car Mat for Aaron
7. Complete the Count for the new Sheet to a qty of +2
8. Resolve the Large Car Mat qty to +2

Create a New Stocktake called June. Set the Operatives to Mandatory.
Select Status to include Due and Undue items. Select ALL Stock items.
Use the remaining time to repeat as much of the above steps to learn about the Stocktake process.

Hints

Create a New Stocktakes (2 CMATs as 044 was a NOST)
Create new Stocktake Sheets (inc New one)
Print a Stocktake Sheets
Process a "Count" & a "Resolve"

Notes (for 2nd Part of the exercise):

Notes

Accreditation Training Courseware

3 To Update Opera & Close a Stock Take

After a stock take has been completed you need to make sure it is closed. The first step of the stock take is to select the stock items and add them to Stocktake. When the stock items are selected to be included in a stock take, markers are then set on the items in Opera 3. Anyone using Opera 3 can still use the stock item. For example they can issue stock to customers or receive stock from suppliers, but if the stock position changes, Stocktake will not post any stock adjustments to Opera 3 even if the physical stock counted does not match the quantity in Opera 3. For this reason you may want to consider instructing all your users in Opera 3 not to use the stock items involved in the stock take until it is closed. When the stock take is closed, the markers on each stock item are removed so they can be included in another stock take at a later date.

3.1 Resolve

After stock has been counted and the quantities have been entered into Stocktake, some of those quantities may be either outside the tolerance percentages set on the Stocktake Profile linked to the item or may be different if multiple counts were done. In these situations you need to 'resolve' the discrepancy by entering the accepted quantity for each item.

Any observations that were recorded on the sheets and entered on the Enter Quantities form are displayed beneath each stock item.

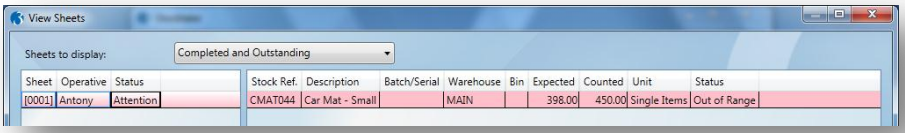
Box	Description
Warehouse	The warehouse where the item is located.
Item	The stock code and description for the item. If the item is serial traceable or batch traceable, the related traceable number is also displayed. If the operative entered a note on the sheet and the operator entered the note on the Enter Quantities form, that is also displayed.
Expected	The quantity expected from the stock take. This is the quantity in the warehouse for the item in Stock Control.
Count *x*	The quantity entered for each of the counts. The number of counts displayed depends on number of sheets created for the stock take.
Accepted	The quantity you accept as the quantity found during the count in the locations checked.

What's a tolerance range?

The actual stock quantity found is not within the tolerance percentage defined on the item's Stocktake Profile. For example, if the tolerance percentage is 10% Stocktake will accept a stock quantity within 10% of the stock quantity in the Stock Control application.

In the Event that a Stocktake has a Count which is outside of the Tolerance range, and the user is not to edit the original count, the system allows you to “Resolve” the Count with an acceptable figure.

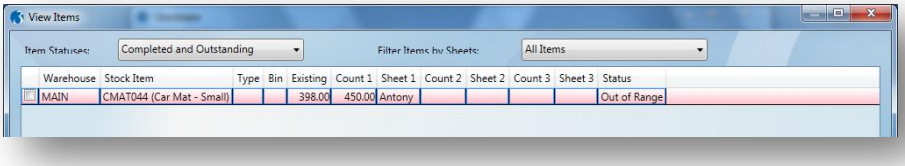
The sheet will highlight an out-of-range status



To Update Opera & Close a Stock Take

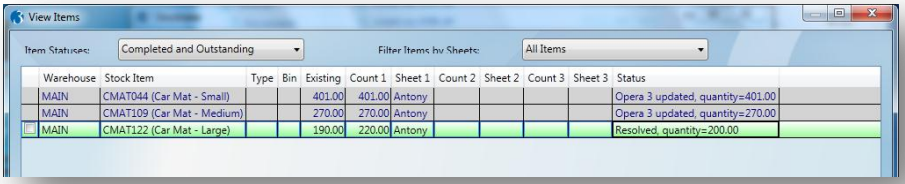
Notes

The user will be able to access View- Items and select the Resolve button (or right-mouse click)



Enter the “Accepted” Count and confirm.

The “Item” line is now green and accepted ready to be processed.



To Resolve a Stocktake

After stock has been counted and the quantities have been entered into Stocktake, some of those quantities may be either outside the tolerance percentages set on the Stocktake Profile linked to the item or may be different if multiple counts were done. In these situations you need to 'resolve' the discrepancy by entering the accepted quantity for each item.

1. Open the Stock folder and then click Stocktake or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Stocktake.
2. Click the Items button. Items that need to be resolved have a status of either Discrepancy or Out of Range and are displayed on a pink background.
3. Click the Resolve button. All the items that need to be resolved are displayed. To resolve only some of the items, select them before clicking Resolve.
4. For each item, enter the accepted quantity under the Accepted heading or click the relevant quantity in the Expected or Count x columns.
5. Click OK. The items are then displayed on the Items form on a green background with a status of Resolved.

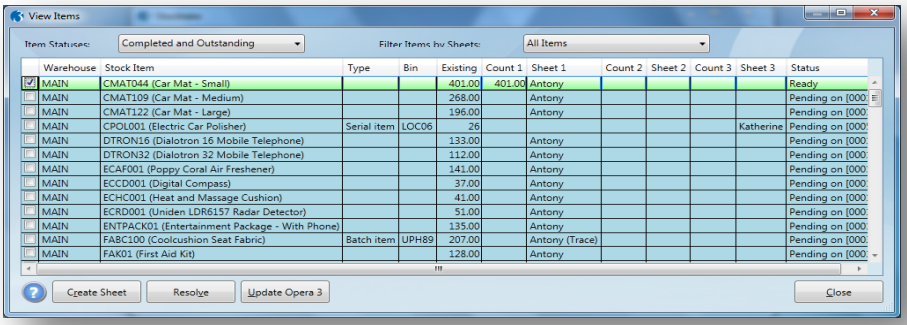
Tip: The next step is to Update Stock Control with the quantities found and the Close the Stocktake.

3.2 Update and Close Stocktake

If stock adjustments are required, the Stock Control application must be updated with the difference between the physical stock counted and the quantities for the items in Opera 3.

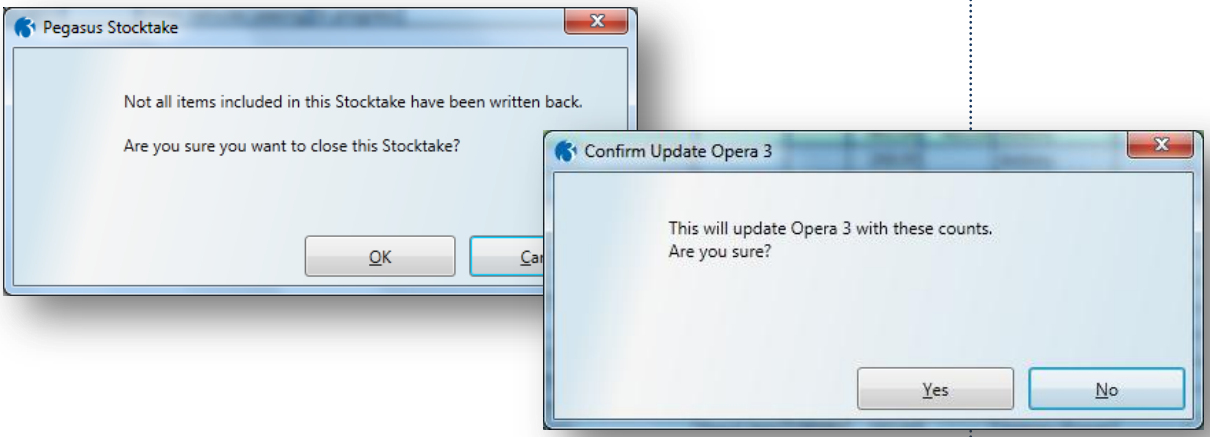
Notes

For example, if a stock item's in-stock quantity in Opera 3 is 401 but 407 are counted at the stock location, an adjustment posting for 6 of the item must be posted to Opera 3.



Warehouse	Stock Item	Type	Bin	Existing	Count 1	Sheet 1	Count 2	Sheet 2	Count 3	Sheet 3	Status
MAIN	CMAT044 (Car Mat - Small)			401.00	401.00	Antony					Ready
MAIN	CMAT109 (Car Mat - Medium)			268.00		Antony					Pending on [000
MAIN	CMAT122 (Car Mat - Large)			196.00		Antony					Pending on [000
MAIN	CPOL001 (Electric Car Polisher)	Serial item	LOC06	26						Katherine	Pending on [000
MAIN	DTRON16 (Dialotron 16 Mobile Telephone)			133.00		Antony					Pending on [000
MAIN	DTRON32 (Dialotron 32 Mobile Telephone)			112.00		Antony					Pending on [000
MAIN	ECAF001 (Poppy Coral Air Freshener)			141.00		Antony					Pending on [000
MAIN	ECCD001 (Digital Compass)			37.00		Antony					Pending on [000
MAIN	ECHC001 (Heat and Massage Cushion)			41.00		Antony					Pending on [000
MAIN	ECRD001 (Uniden LDR6157 Radar Detector)			51.00		Antony					Pending on [000
MAIN	ENTPACK01 (Entertainment Package - With Phone)			135.00		Antony					Pending on [000
MAIN	FABC100 (Coolcushion Seat Fabric)	Batch item	UPH89	207.00		Antony (Trace)					Pending on [000
MAIN	FAK01 (First Aid Kit)			128.00		Antony					Pending on [000

You can close the Stocktake, but will warn you items have not been processed.



To Update Opera & Close a Stock Take

After a stock take is done, you need to update the stock items in Opera 3. The status for the stock take is set to **Closed (Complete)**. When the stock take is closed, the markers on each stock item are removed so they can be included in another stock take at a later date.

Version 1.50 O3 or higher will not use the marker in this manner - What's the marker on each stock item?

When the stock items are selected to be included in a stock take, they are 'marked' in Stock Control to indicate they are being counted. Anyone using Opera 3 can still use the stock item, for example they can issue stock to customers or receive stock from suppliers, but if the item is used in a transaction, the item is 'unmarked' as soon as the transaction is posted. Stocktake cannot then post any stock adjustments to Opera 3 for the stock item.

You should therefore consider instructing all your users in Opera 3 not to post stock issues, receipts or adjustments in Stock Control, delivery notes or invoices in Invoicing or Sales Order Processing or stock receipts in Purchase Order Processing for the stock items involved in the stock take until it is closed.

If adjustments are needed because the counted stock and in-stock quantity are different, they will normally be posted when Opera 3 is updated. For example, if there are 401 of an item in stock but 407 are counted, an adjustment posting for six will automatically be posted to Stock Control. If the in-stock quantity changes when an item is being counted, Stocktake can still post an adjustment if necessary. However, you need to choose the quantity to use. The in-stock quantity will change when receipts from suppliers are posted and when items are issued to customers.

If stock adjustments are not required, the stock item is updated with a last counted date and quantity found.

Notes

3.2.1 How Cost Prices are Calculated

The cost price used to calculate the value of the adjustment is controlled by the Adj. Cost Basis option on the Stocktake Profile used for the stock item. This can be set to use either the average or standard cost for the item or the last cost price entered for the item. The item is also updated with a 'last counted' date and quantity for the warehouse where the stock was counted.

See the Stock Control - Maintenance - Stocktake Profile Help topic for details of the options that affect how stock items are processed in Stocktake.

Tip: You can use either your keyboard or your mouse when you work in the Stocktake application. To use your mouse, simply point and click the button, list or tick box you want to use. To use keyboard shortcut keys, press the ALT key and then select the underlined letter. In some Windows products like Windows 7, the underline may not be displayed until you press the ALT key. However, using the 'Ease of Access Center' in Windows 7 (Windows Start - Control Panel - Ease of Access Center), you can force the underline to be displayed automatically.

1. Open the Stock folder and then click Stocktake or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Stocktake.
2. On the Stocktake form, select the stock take you want to work on.
3. Click the Items button.
4. Tick the items individually or use the Select All option on the mouse-click menu to tick all the items in the stock take.
5. Click Update Opera 3.
    a. If any items need to be resolved before updating Opera 3, select the Resolve button. Items that need to be resolved have a status of Out of Range and are displayed on a pink background.
    b. If adjustments need to be posted because the counted stock and in-stock quantity are different but they cannot be posted automatically, the Audit Log form displays the affected items. Click Close to close the Audit Log form.

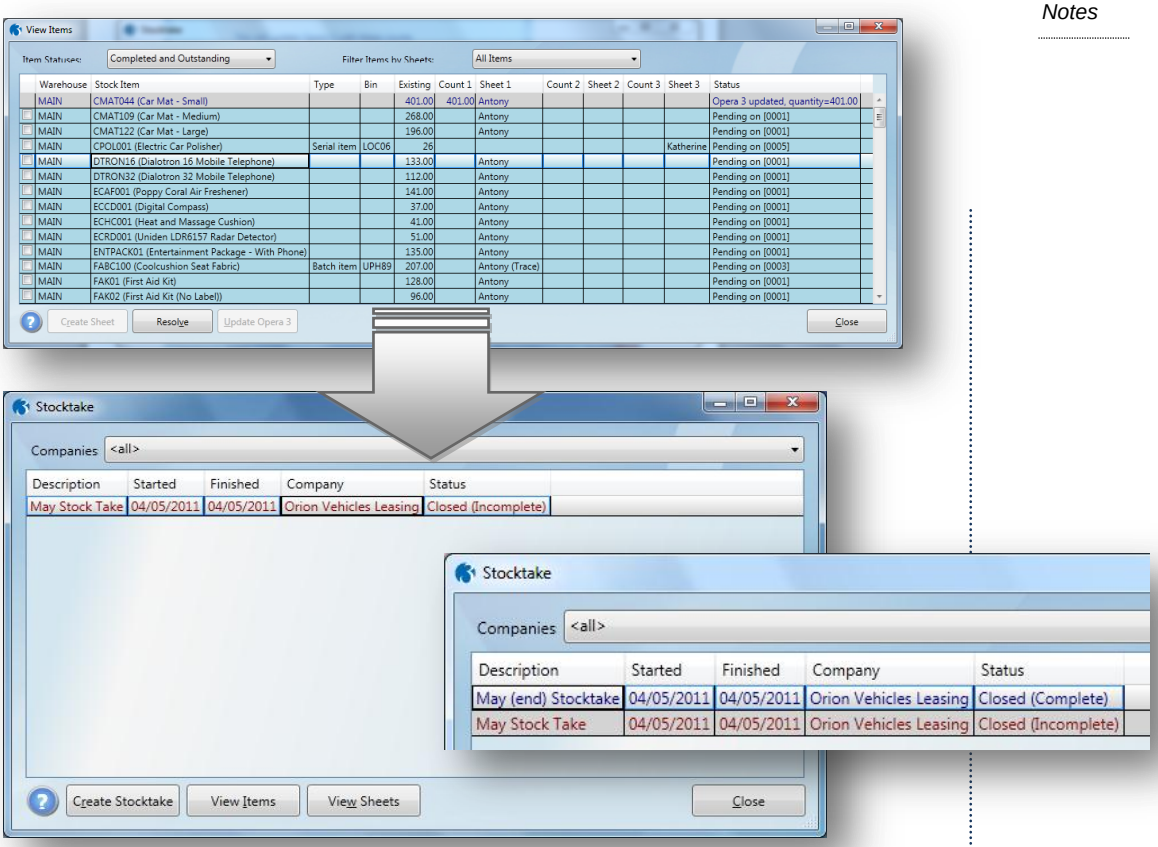
    The Update Opera 3 form is then displayed. Enter the acceptable quantity for each item in the list and then select OK.

    What if the Resolve and Update Opera 3 buttons are disabled? Both buttons are disabled if the required number of sheets have not been created for the count. You choose the number of sheets when the Stocktake is created. If the quantities that were counted were outside the allowed tolerance range, you must use the Resolve command to enter the acceptable quantities before you can update Opera 3.
6. The status for each selected line is now set to Opera 3 Updated. A message is displayed if Stocktake could not update one or more stock items in Opera 3. Click Yes to view the details.
7. Click Close to close the Items form.

Tip: To remove a closed stock take, use the Deleted Closed Stocktake item on the mouse-click menu.

Note: If your primary mouse button is the left button, click the right button to display a command menu. If your primary mouse button is the right button, click the left button to display the menu.

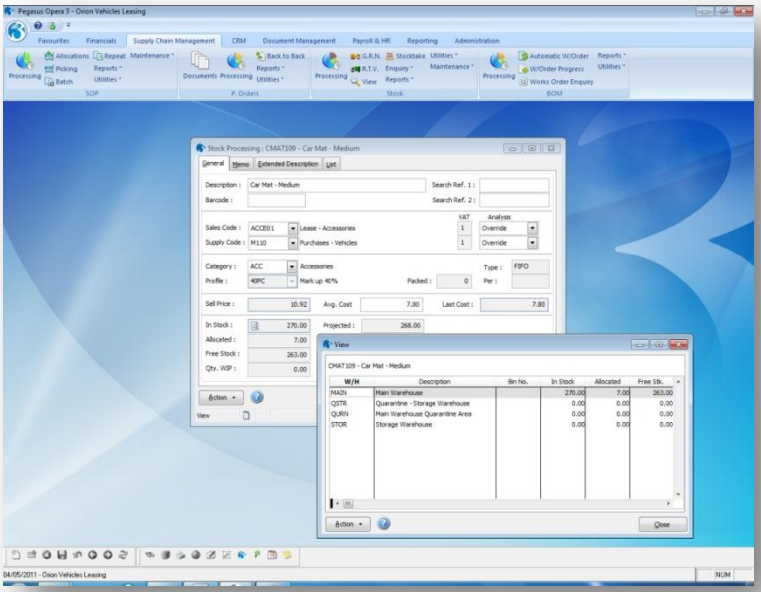
Notes



Note: If your primary mouse button is the left button, click the right button to display a command menu. If your primary mouse button is the right button, click the left button to display the menu.

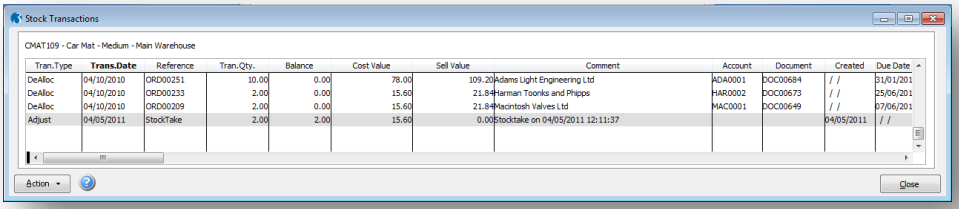
3.2.2 Opera 3 Data

After the Stocktake has been processed you can access Opera 3 and see the corresponding results.



Notes

It adjusts stock based on PC date



Tran.Type	Trans.Date	Reference	Tran.Qty.	Balance	Cost Value	Sell Value	Comment	Account	Document	Created	Due Date
DeAlloc	04/10/2010	ORD00251	10.00	0.00	78.00	109.20	Adams Light Engineering Ltd	ADA0001	DOC00684	/ /	31/01/201
DeAlloc	04/10/2010	ORD00233	2.00	0.00	15.60	21.84	Harman Toonks and Phipps	HAR0002	DOC00673	/ /	25/06/201
DeAlloc	04/10/2010	ORD00209	2.00	0.00	15.60	21.84	Macintosh Valves Ltd	MAC0001	DOC00649	/ /	07/06/201
Adjust	04/05/2011	StockTake	2.00	2.00	15.60	0.00	Stocktake on 04/05/2011 12:11:37			04/05/2011	/ /

3.3 To Cancel and Delete a Stocktake

After a stock take is created, you may need to cancel it before it is completed. You can then also delete the stock take so that it is no longer displayed on the **Stocktake** form. Once a stock take has been closed, it cannot be reopened. Once it is deleted, it is permanently removed from the Stocktake application.

1. Open the Stock folder and then click Stocktake or click the Supply Chain Management tab on the Ribbon Bar and then click Stock - Stocktake.
2. On the Stocktake form, select the stock take you want to work on.
3. Select Close Stocktake from the mouse-click menu. If your primary mouse button is the left button, click the right button to display a command menu. If your primary mouse button is the right button, click the left button to display the menu.
4. Select Delete Closed Stocktake from the mouse-click menu. A message is displayed that warns you that the stock take will be permanently deleted.

3.4 Audit Log

The Audit Log form displays the stock items that could not be updated by the Update Opera 3 command on the Items form. There are many possible reasons why Opera 3 could not be updated, for example a stock item or warehouse record in Opera 3 may be locked or the in-stock quantity for a stock item may have changed since the item was added to a stock take. The reason for each stock item is described on this form.

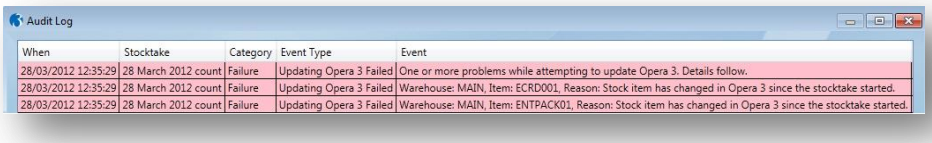
Click the Export button to save the audit log as a text file to view in a text editor like Windows Notepad.

3.4.1 Stock Items with Unexpected In-Stock Quantities

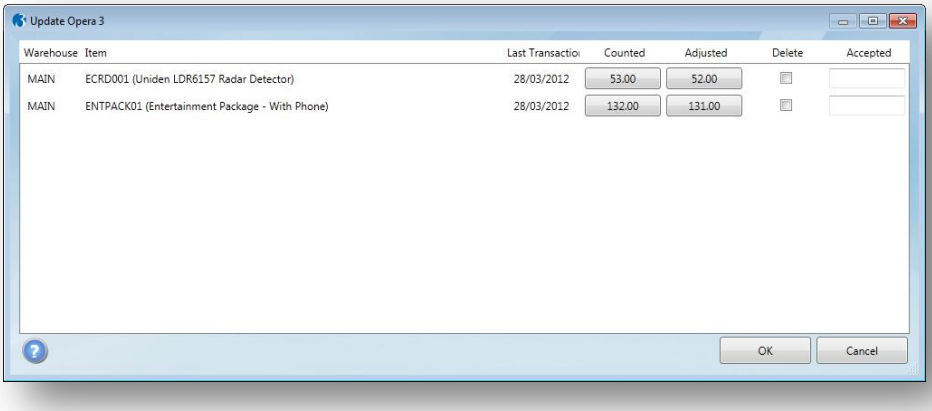
If stock adjustments are needed because the counted stock and in-stock quantity are different, the stock items will normally be updated by the Update Opera 3 command on the Items form. For example, if a stock item's in-stock quantity is 401 but 407 are counted, an adjustment posting for a quantity of 6 will be posted to Stock Control.

However, if in-stock quantities have changed because stock has been receipted or issued to customers, Stocktake can still post an adjustment if necessary. However, you need to choose the quantity to use. Another form is displayed when you click the **Close** button so you can choose the quantity to update Opera 3 with for each affected item.

Notes



Tip: You can also view the audit log for the stock take by using the menu on the main Stocktake form. If your primary mouse button is the left button, click the right button to display the menu. If your primary mouse button is the right button, click the left button. Then select Audit Log.

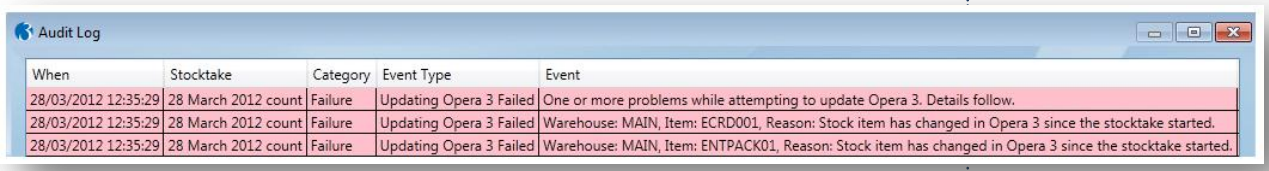


3.5 Update Opera 3

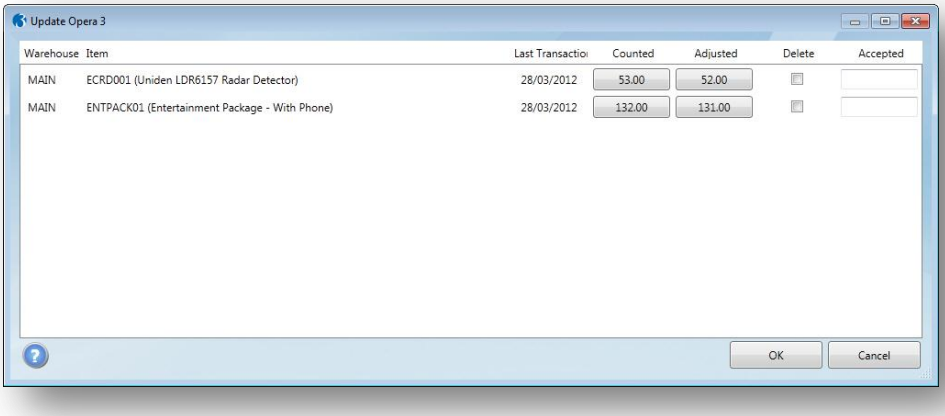
If stock adjustments are needed because the counted stock and in-stock quantities are different, the stock items will normally be updated by the Update Opera 3 button on the Items form. For example, if a stock item's in-stock quantity is 401 but 407 are counted, an adjustment posting for a quantity of 6 will be posted to Stock Control.

If the in stock quantity for an item changes because it is received from a supplier or issued to a customer after it is included in a stock take, Stocktake can still post an adjustment if necessary. However, you need to confirm what the correct quantity is on this form.

The **Update Opera 3** form displays these items so you can choose how to update Opera 3. The form displays the stock items that could not be updated automatically, along with the date when the item was receipted or issued in Opera 3.



Notes



You can do one of the following to accept a quantity for each item:

- Click the Counted quantity to use the quantity recorded in Stocktake.
- Click the Adjusted quantity to use the adjusted quantity. This is calculated as the quantity recorded in Stocktake less the change in the Opera 3 quantity since the item was included in the stock take. Examples ...

Stock issued when being counted

An item is included in a stock take. The in-stock quantity in Opera 3 is 97. An operator starts the stock take and records 96 on a worksheet.

Before the count is entered in Stocktake a customer orders 5 of the item and they are shipped immediately with a delivery note posted in Sales Order Processing. The in-stock quantity in Opera 3 is now 92.

The operator enters his count of 96 in Stocktake (different to the expected 97) and tries to update Opera 3. The entered and expected quantities are different so Stocktake calculates the adjusted quantity as the counted quantity plus the change in Opera 3: 96 + (-5) = 91.

Stock received when being counted

An item is included in a stock take. The in-stock quantity in Opera 3 is 97. An operator starts the stock take and records 96 on a worksheet.

Before the count is entered in Stocktake a supplier delivers 5 of the item and they entered as a stock receipt in Stock Control. The in-stock quantity in Opera 3 is now 102.

The operator enters his count of 96 in Stocktake (different to the expected 97) and tries to update Opera 3. The entered and expected quantities are different so Stocktake calculates the adjusted quantity as the counted quantity plus the change in Opera 3: 96 + (+5) = 101.

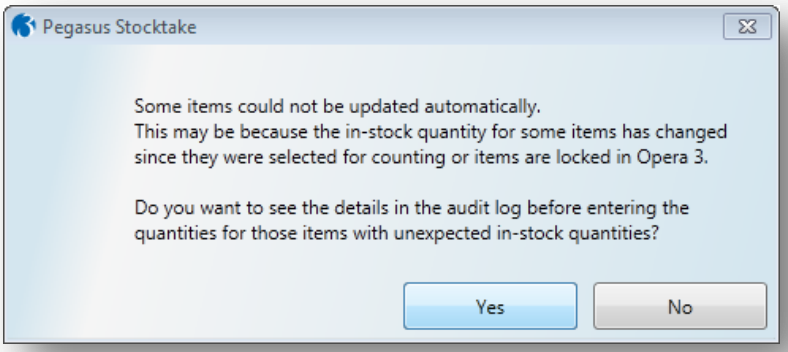
- Enter another quantity in the Accepted box or leave it empty to update Opera 3 from this form at another time.
- Tick the Delete box adjacent to an item to prevent Opera 3 from ever being updated.

3.5.1 Moving stock that is being counted

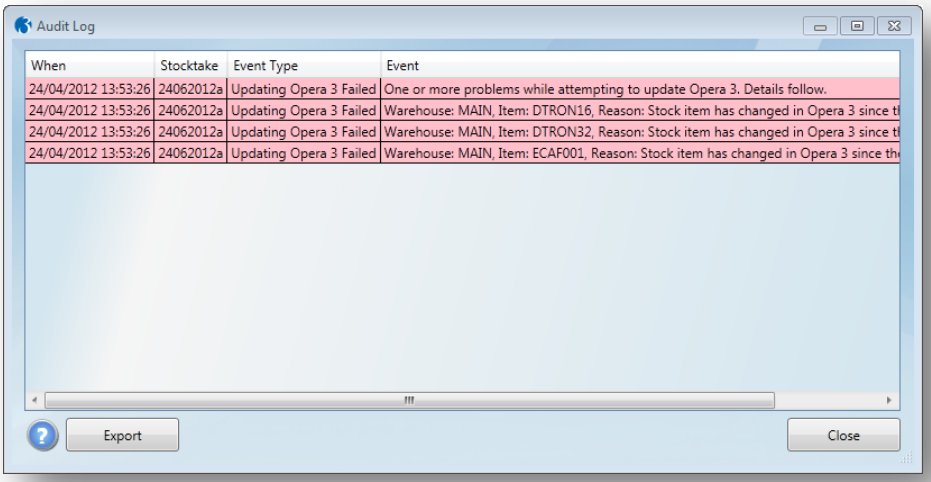
Previously if a stock item was issued to a customer or received from a supplier while being counted in a stock take, the link between Stocktake and Opera 3 was broken. If an adjustment was required it needed to be manually posted in Opera 3; it could not be posted from Stocktake.

Notes

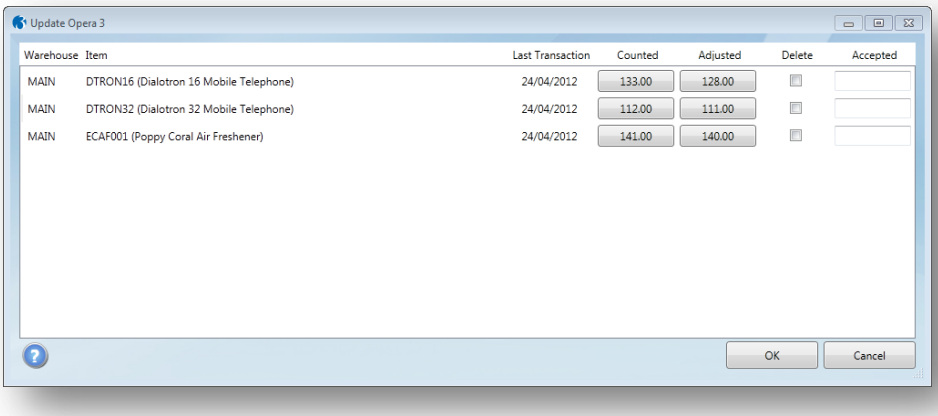
In this release of Stocktake, a stock item can be issued or received while it is being counted in Stocktake without the link being broken. This means that stock adjustments can be posted from Stocktake even if the in-stock quantity in the Stock Control application changes. Before Opera 3 is updated from Stocktake you will be warned if the in-stock quantity has changed during the count. The audit report displays the affected stock items.



The audit report displays the affected stock items.



After the audit report you must choose the correct quantity on the **Update Opera 3** form. The counted quantity is displayed alongside the adjusted quantity, which is calculated as the quantity recorded in Stocktake less the change in the Opera 3 quantity since the item was included in the stock take.



Practical Exercise 4

Notes

(Time Allowed 5 Minutes)

Objectives

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

- *Confirm a Stocktake*
- *Update the Stock in Opera 3*

Exercise Details

Ensure the Items are green and ready (or fully resolved)
Update Opera 3 with all Items from the first part of exercise 3
Check in Opera 3 that the Stocktake has adjusted correctly

Notes

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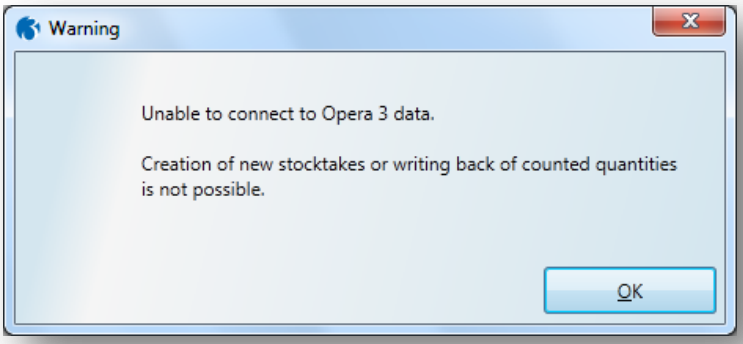
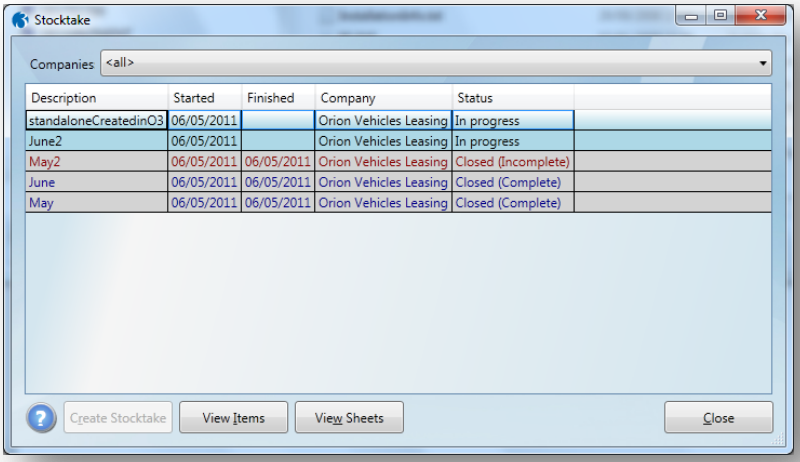
4 Standalone Stocktake

The Stocktake module may be run and worked on outside the Opera 3 environment like a standalone system.

You will get a warning that the system is unable to connect to the Opera 3 data and you cannot create new Stocktakes or write back to the accounts system. All other functionality however is available.



In a Standalone session you can View Items, Create Sheets, Print reports as well as doing a Count.



NB: You can only have one session open of the Stocktake (Single User as such)

Standalone Stocktake

Notes

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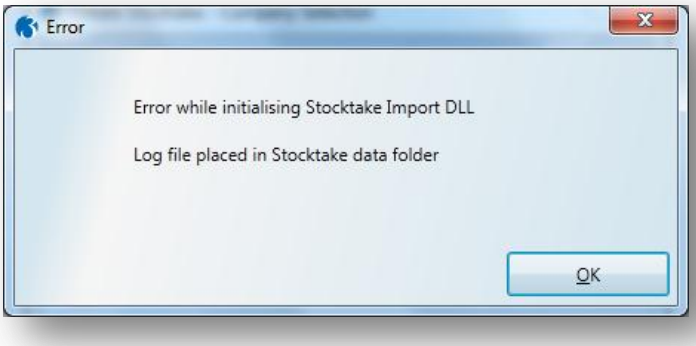
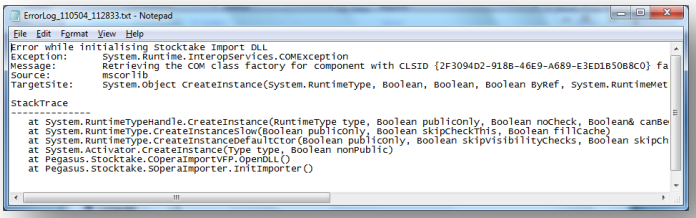
Troubleshooting

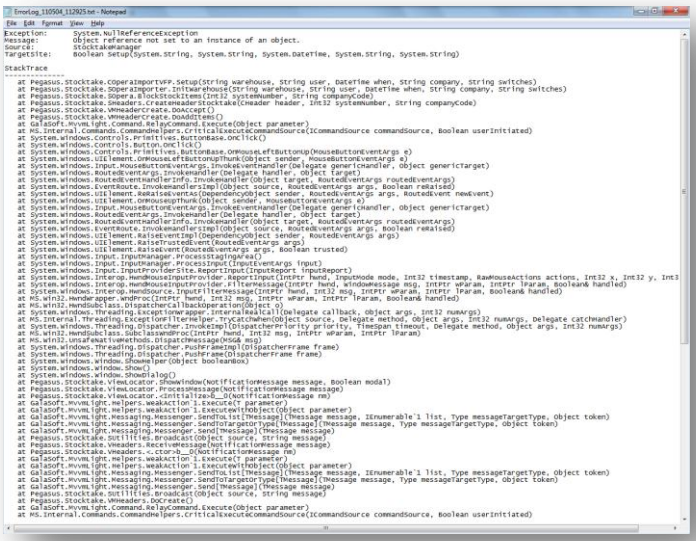
Error Creating Stocktake – Referencing dll file

Clicking create Stock Take should create a stocktake for you. If an error occurs it is most likely down to the dll for stocktake.





Leads on to a Crash of Stock take



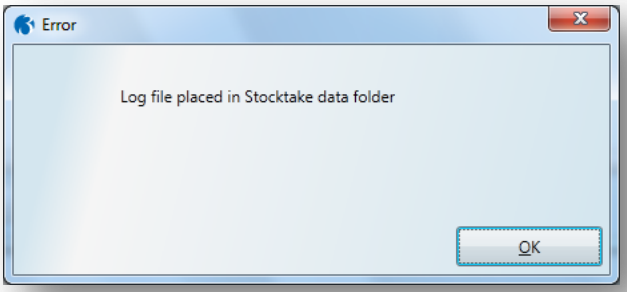
Ensure correct dll installed and registered in the O3 Client VFP (Dynamic) directory – e.g. C:\ProgramData\Pegasus\O3 Client VFP\StockTakeImport.dll. On Windows Vista or higher, ensure you have appropriate permissions to register the dll file – suggestion run the CMD as administrator.

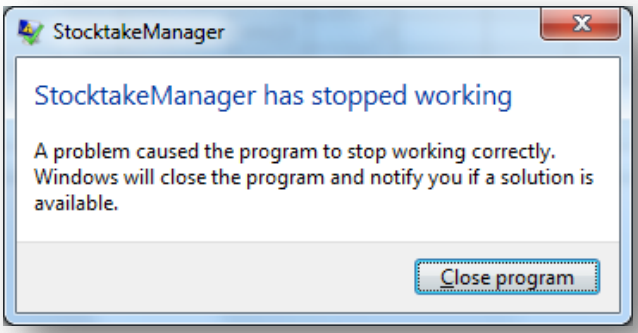
Troubleshooting

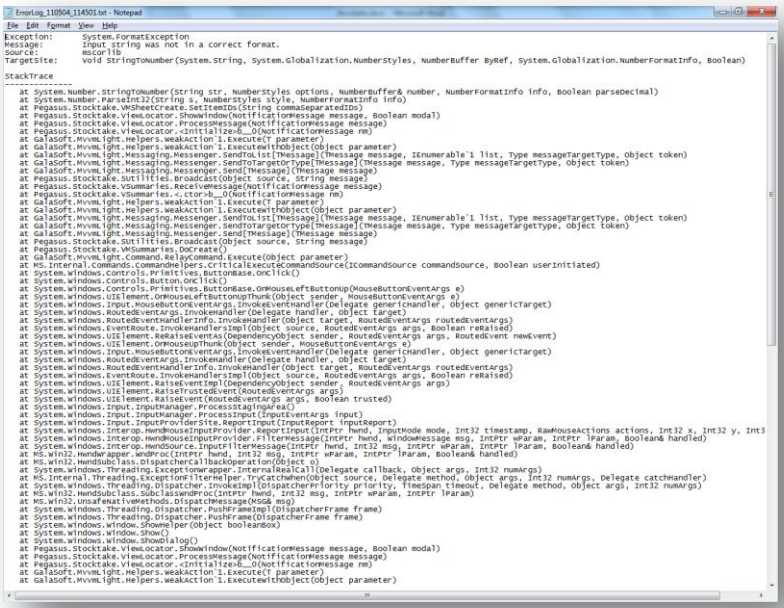
Error When Creating a Stocktake Sheet

Notes

You may get an error if nothing is selected and you attempt to create a Sheet – though this should not occur. It has also occurred when the stock data within Opera 3 is potentially corrupted (similar issue).



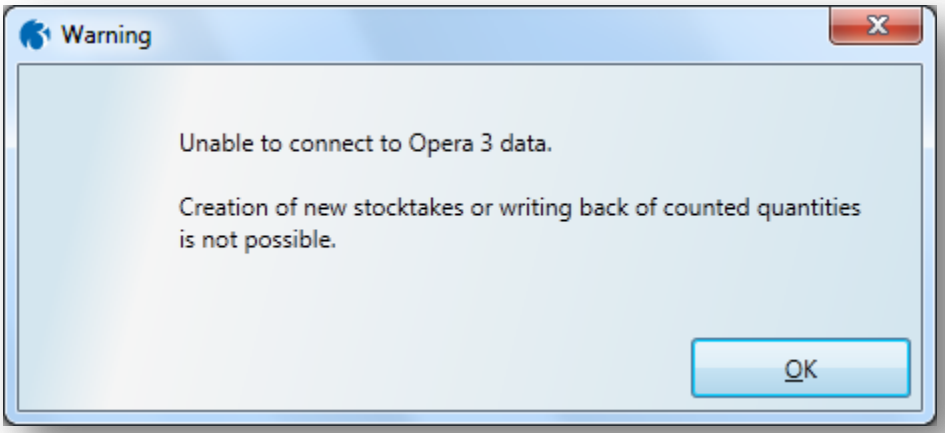




If this occurs and the data appears correct, please provide exact steps to recreate to Pegasus Support department as this error should not occur with a clean install and clean data.

Notes

Unable to connect when launching Stocktake standalone



Launching the stocktake.exe outside of O3 you may experience this message – it should mean that you are running the Stocktake in Standalone mode – i.e. not through Opera 3. This is allowed and this message may be a genuine correct message not relating to any errors. You should be taken into the Stocktake main processing form.

If not, this could mean it is unable to connect to the SQL Database or it may mean no Stocktake is available to edit or even created or there may be some corruption. This is very unlikely and you should be able to process correctly. Usually if this message comes up for another reason other than running standalone, it would require further investigation.

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Appendix

Appendix A Visual FoxPro and Technical Information

Why the Visual FoxPro development environment?

In 1993 Pegasus Software Ltd. launched Pegasus Opera, which was developed under the FoxPro Relational Database Management System (RDMS). This offered several advantages over standard programming languages such as Quick Basic.

These advantages included:

- The fact that it is an RDMS means that programs, screens, menus and tables are all generated by one application meaning no compatibility issues will arise
- Simple, easy to use interface
- Easy to generate data tables
- Easy to generate and use indexes
- Rushmore record searching for greater speed with locating information
- Data Integrity Improvements
- Fast access of the data

Development tools such as Visual Basic and SQL Server are together a very powerful environment. Visual FoxPro however offers similar flexibility and technical specifications as these two products combined allowing the developer to make use of Stored Procedures, Triggers and Views all stored with the database rather than having to be written into the program.

The Data Dictionary

The data dictionary is held in a folder called datadict. The database container for the dictionary is called Datadict.dbc. Default location being C:\Documents and Settings\All Users\Application Data\Pegasus\Server VFP\DataDictCore.

The tables with in the container can be used in a reporting product such as Crystal Reports to create a document detailing what the tables are, what the fields are within the table, rules that are applied to a field, and the fields proper name and description. Basically creating a Database Schema.

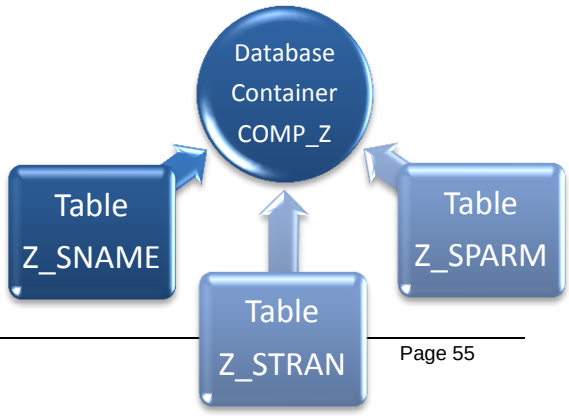
table.dbc and field.dbc

Data Container

Pegasus Opera 3 now uses a Visual FoxPro Database Container. This is a file located within the data directory. This is a key difference between Opera 16 and Opera 3, where O16 had free standing tables, OPERA 3 uses a DBC.

There are three files named:

Database Container:	COMP_Z.DBC
Data Dictionary	COMP_Z.DCT
Database Index	COMP_Z.DCX



The purpose of the database container is to hold information about all the tables,

- the number of records in each table
- when it was last updated,
- who updated it.

It is for this reason that you can not just replace a table without some extensive work. The container will assume that the data is corrupt if it does not match its criteria. (See Free Tables)

Links and Relationships

There are no table relationships maintained by Opera 3. There are several reasons why this is but the major reason is that Companies do not always purchase all the modules and not all tables are required. Thus links do not always have to exist.

This makes Opera 3 more flexible in hooking in Third Party Applications. (No links to deal with.)

Free Tables

There are some rare circumstances where free tables must be used. Freeing a table will allow the table to be altered without the container having to know. This is not a recommended procedure and cannot be supported by Pegasus.

Data Types

There are five data types within the Opera 3 tables:-

- Date
- Time
- String
- Numeric
- Logical
- Memo

There are no currency fields.

Update Data Structures

What does it do?

The standard Update Data Structures or UDS basically carries out the following functions:

- Checks the Structure of the Tables within each Database Container based upon a standard Database.
- Checks the indexes within the tables
- If any problems with invalid fields or indexes are discovered then these will be corrected, and set according to the Standard databases.

It is normally used when updating from one version of Opera 3 to another. Any tables or fields that do not exist are created or altered according to our data structures.

The Data Validation Tool (DVT)

When you are logged into Opera 3 as ADMIN, and only ADMIN a function called the Data Validation Tool will automatically run when UDS is selected. This will verify the contents of each field within each table of the Database container. This does take longer than a simple Update Data Structures (UDS) due to the more intense work involved.

- Should the DVT find what it suspects to be corruption, it will stop the UDS process and prompt the user to correct the contents of the suspected field. Once this has been altered and the User clicks ok the UDS will continue.
    - If this is run unattended then an exceptions report is created
- The DVT is NOT a replacement for the File Checker in Opera.
    - For Example whilst checking SNAME, it will check sn_current the field that holds the balance.
      This is a numeric field therefore if it contains a numeric - the DVT would assume this is correct. Of course it might actually be holding 10.34e20 which Opera 3 may see as corruption.
- It will reference the Data Dictionary to ensure all the database rules are adhered to i.e. mandatory.

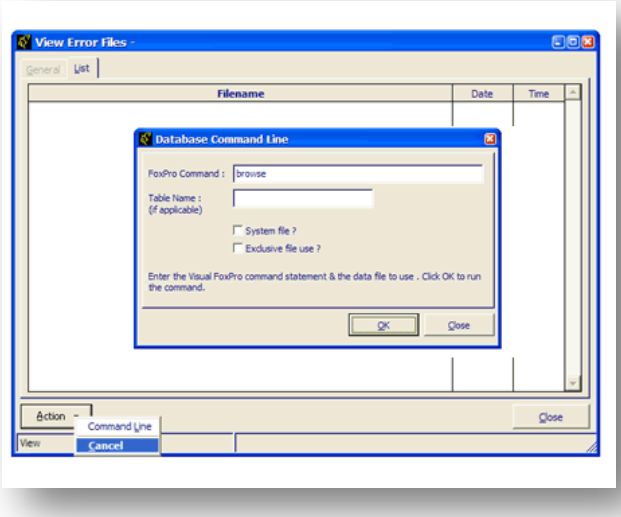
Database Command Line

CAUTION:- Commands that flout the database rules will cause Opera 3 to crash and an error log written. It is possible to cause serious problems with data.

It is therefore with the utmost caution that this option is used and should not be used by any one who is unsure of what they are doing. It should also be the final solution when all other options have been exhausted.

In Opera 3 2.25 and above there is a Database Command Line Tool. This is a function that allows users to enter Visual FoxPro commands to interrogate the Opera 3 data from within Opera 3.

- To use the function you must be logged onto Opera 3 as ADMIN.
- Open the System Module and open Utilities Menu then select View Error Files.
- On the Action button there is a function Database Command Line.



Enter a Visual FoxPro command –

i.e. Browse

This will allow you to select the table required. If you select OK with out selecting a table then a table selector will appear. Users can select any table.

If you want to view another database then a dropdown box will list all containers available for every company added to Opera 3. The system database container will also be available to select.

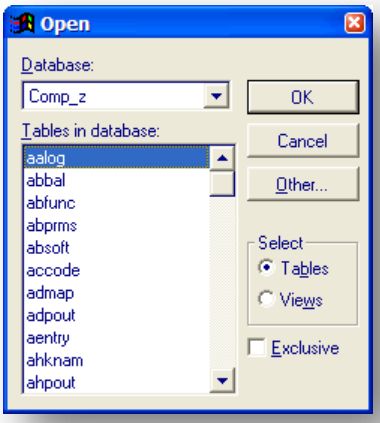
Tick the box marked Exclusive if the file you wish to interrogate requires exclusivity.

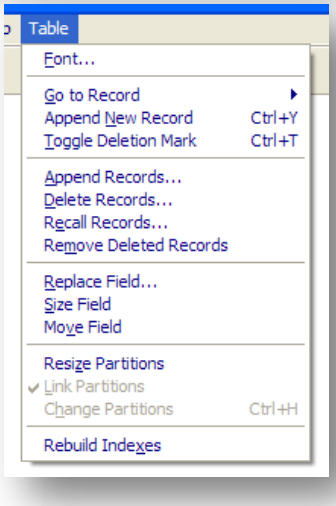
Click OK to run your command

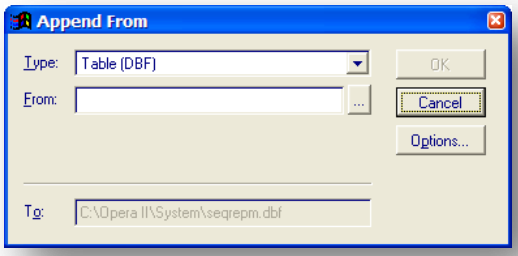
When the command is executed users can move around the table and examine the data.

Depending on the rules of the table then the Table menu will have different options available.

If selecting options append then dialog box appears







Other tables can be selected.

Examples

These functions will be used through out Opera 3.

Command	Result
Browse	This will allow editing and browsing of data
Append	Adding a cursor to allow you to enter a new record – only the mandatory fields will need entering
Append Blank	This function will not work if the table that the append is using is a key table. If there is a mandatory field on a table and append blank is used the instruction will fail. Use append to rectify this
Use	'Use' will close any open tables. This would be ideal to type in first before using any other commands.
Select * from tablename where 1 = 1	This will give table with proper table field names
Exclusive	Using the Exclusive command will allow certain functions on the table menu to be used.
Do	this allows FoxPro functions to be called from the Opera 3 root directory

Visual FoxPro commands

All the above can be used in VFP. In addition the following can be used:-

SQOPEN("S","TABLENAME")
This should be used in conjunction with USE. This allows tables to be opened and then sql select statement used.

The Data

Table Structures

Pegasus Opera 3 data tables have the same naming convention as Pegasus Opera data tables. Each table is prefixed by a Company Letter i.e. Z_SNAME.DBF. Each table may have three extensions – DBF, CDX, FPT

- DBF – Database
- CDX – Index
- FPT – Memo (Only if a memo exists in the table)

The tables' name relate to specific modules. Some of the tables may not be in use yet.

Code	Module
A	Cashbook
B	BACS
C	Stock, Traceability & Bill of Materials
D	Purchase Order Processing
E	
F	Fixed Assets
G	
H	History, Personnel
I	Invoicing SOP
J	Job Costing
K	
L	EDI - Redundant
M	
N	Nominal Ledger
O	
P	Purchase Ledger
Q	
R	
S	Sales Ledger
T	
U	
V	VAT
W	Payroll
X	
Y	
Z	System, Currency, Notes, Spooler
SEQ	System
DM	SPM & Service Management Inc Helpdesk

Temporary Tables (Cursors)

A temporary table is created as you open a form with data in it Opera 3.

- A record set is created (copied from the data tables) and held in a temporary table each time a form with data in it is opened.
- The temporary table remains until the form is closed.
- The temporary table is saved to various locations.
    - VFP
      Beneath the windows directory
    - Opera 3
      Saved in the location specified in the opera.ini file. (Usually Opera 3\temp)
    - Reports
      Beneath the Opera 3 root directory.
- It is given a random name then deleted as the table is closed.
- Users can change the data but this is not committed to the table until the save button is clicked.
- When the save button is clicked the Temporary table is flushed then deleted.

TITRAN – IHEADQ

TITRAN and IHEADQ are two temporary tables that are created when posting documents in SOP. These tables only exist at the time of posting – they are cleared when the routine ends.

NEXTID

The NEXTID table is used all over Opera 3 and gives the next unique number available to a record.

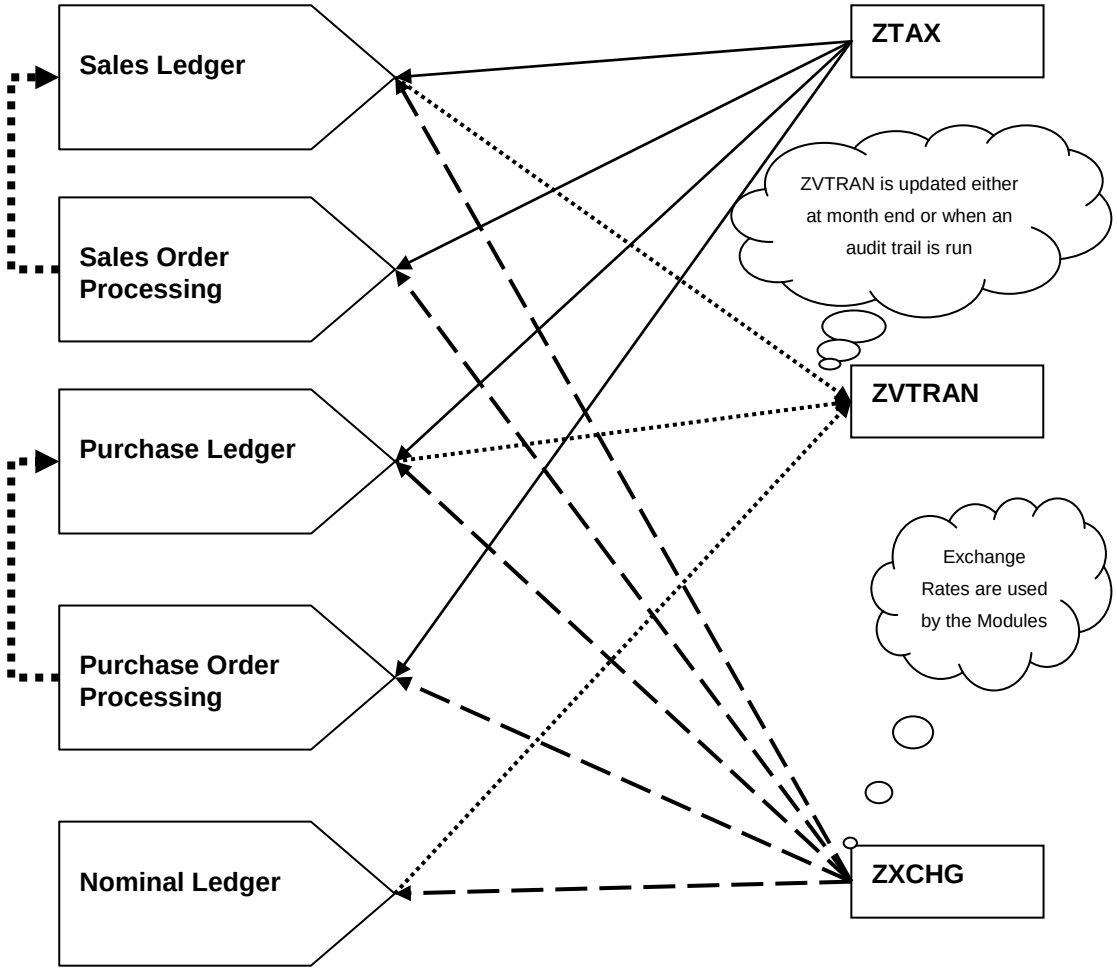
Appendix B – Data Structures & Technical Information

The following pages contain the Database Structures & Technical Information of the Stock / Stocktake Module as of the v1.20 Opera 3 release.

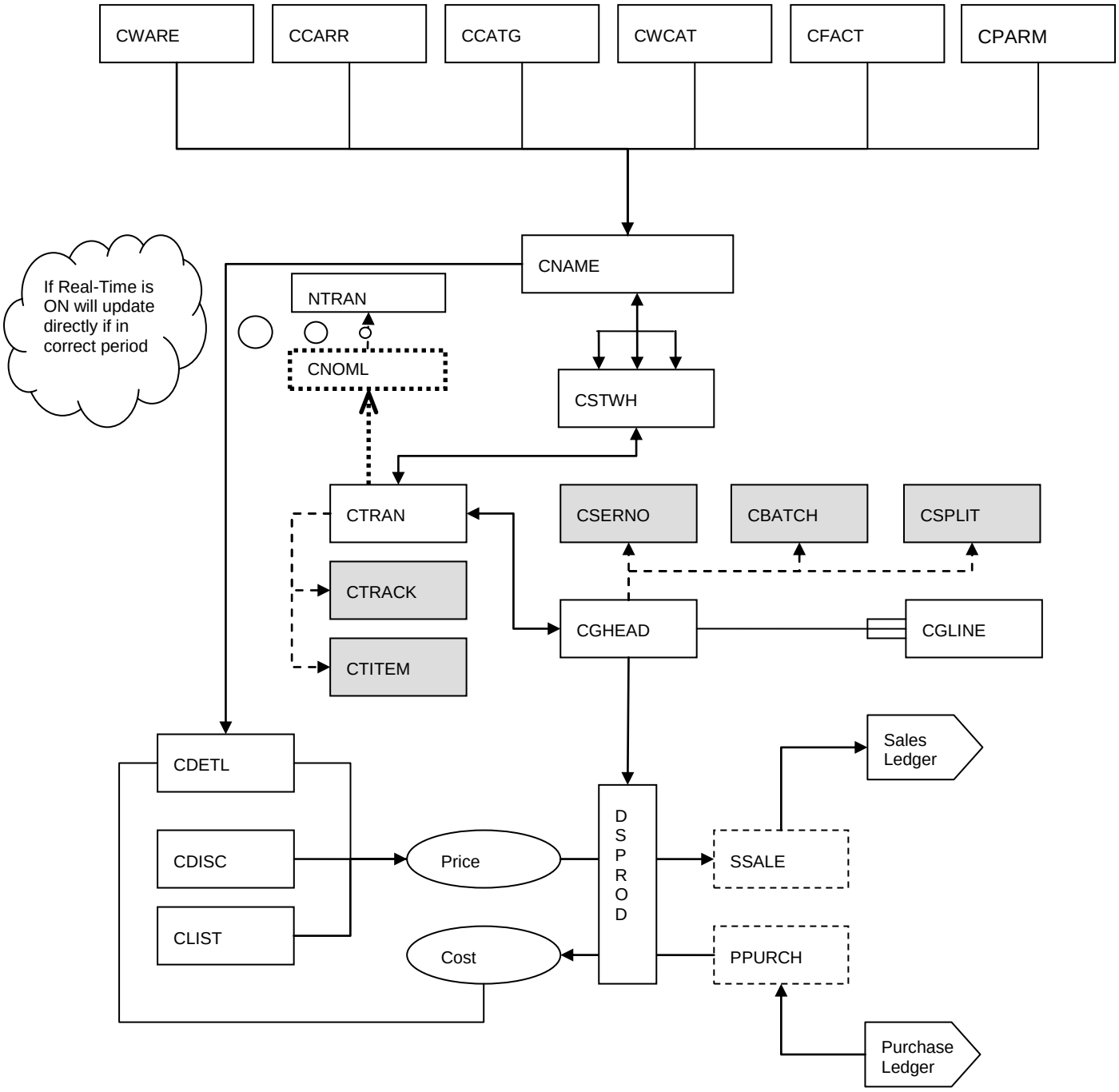
Table Break-down

Table	Process

VAT & Exchange Rates



Opera 3 Stock



Traceable Tables

All tables update NEXTID

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
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	INNER 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	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
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 dmactiv.stockref=cname.cn_ref
cname	LEFT JOIN CNAME ON dmestruc.partcode = cname.cn_ref
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 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
ctran	LEFT JOIN ctran ON ctran.id=ctrack.ck_ctranid
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 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 – Opera 3 Stock

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 : **CHVAL** Table Description : **Historical Stock**

Field Name	Description	Type	Length	DPs	Further information
CJ_REF	Stock Reference	C	16	0	Stock Reference
CJ_LOC	Warehouse Code	C	4	0	Warehouse Code
CJ_DATE	Date	D	8	0	Date
CJ_BIN	Bin Number	C	10	0	Bin Number
CJ_QUAN	Quantity	N	12	0	Quantity
CJ_COSTVAL	Cost Value	N	18	0	Total Costs Value
CJ_LC	Landed Cost	N	12	2	Total Landed Cost
CJ_SELLVAL	Selling Value	N	18	0	Total Selling Value
CJ_WIPVAL	Comp. WIP Value	N	12	2	BOM WIP Value
CJ_WIPQTY	Comp. WIP Qty	N	12	0	BOM WIP Qty
ID	ID	N	10	0	Standard ID that is auto-created on insert for records in this table
			Default Value :		NEWID(ALIAS())
CJ_COST	Cost Price	N	9	0	
CJ_SELL	Selling Price	N	9	0	

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
CTK_COST	Cost Basis	N	1	0	Calculate cost for qty increases: 1 = std/avg cost 2 = last cost
			Default Value :		1
ID	Unique ID	N	10	0	Unique ID
			Default Value :		NEWID(ALIAS())

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	

Stock Take
Database Structures

Pegasus Opera 3 Enterprise VFP Database Structures - Stocktake SQL Database

Table : **Audit**

Field Name	Type	Length	Nullable	Default Entry
au_split	smallint	NULL	YES	
au_qtyformatted	nvarchar		NO	
au_user	nvarchar		NO	
au_timestamp	datetime	NULL	NO	(getdate())
au_text	nvarchar		NO	
au_internal	nvarchar		NO	
au_batchserialtext	nvarchar		NO	
au_status	nvarchar		NO	
au_stockref	nvarchar		NO	
au_summaryid	int	NULL	YES	
au_sheetid	int	NULL	YES	
au_headerid	int	NULL	YES	
au_type	nvarchar		NO	
au_group	int	NULL	NO	
au_id	int	NULL	NO	
au_warehouse	nvarchar		NO	
au_detailid	int	NULL	YES	

Table : **BatchSerial**

Field Name	Type	Length	Nullable	Default Entry
tr_existing	numeric	NULL	NO	
tr_split	smallint	NULL	NO	
tr_id	int	NULL	NO	
tr_summary	int	NULL	NO	
tr_batch	nvarchar		NO	
tr_chosencount	numeric	NULL	YES	
tr_bin	nvarchar		NO	
tr_status	nvarchar		NO	
tr_serial	nvarchar		NO	

Table : **Company**

Field Name	Type	Length	Nullable	Default Entry
co_assignoperatives	bit	NULL	NO	
co_lastfullid	int	NULL	YES	
co_sheettolerancepc	numeric	NULL	NO	
co_company	nvarchar		NO	
co_lastpartialid	int	NULL	YES	
co_showexisting	bit	NULL	NO	
co_id	int	NULL	NO	
co_databasename	nvarchar		YES	
co_dbcpath	nvarchar		YES	
co_system	int	NULL	NO	
co_lastpartialdate	datetime	NULL	YES	
co_servername	nvarchar		YES	
co_lastfulldate	datetime	NULL	YES	
co_variant	nvarchar		NO	
co_name	nvarchar		NO	
co_sysname	nvarchar		NO	
co_bybin	bit	NULL	NO	

co_listserial	bit	NULL	NO

Table : **NextID**

Field Name	Type	Length	Nullable	Default Entry
nx_id	int	NULL	NO	
nx_item	nvarchar		NO	
nx_number	int	NULL	NO	

Table : **Preferences**

Field Name	Type	Length	Nullable	Default Entry
pr_value	nvarchar		NO	
pr_set	nvarchar		NO	
pr_name	nvarchar		NO	

Table : **StockItem**

Field Name	Type	Length	Nullable	Default Entry
it_counttwice	bit	NULL	NO	((0))
it_minlife	nvarchar		NO	('')
it_volper	numeric	NULL	NO	((0))
it_ref	nvarchar		NO	
it_id	int	NULL	NO	
it_valper	int	NULL	NO	((0))
it_unit	nvarchar		NO	
it_companyid	int	NULL	NO	
it_tolno	numeric	NULL	NO	((0))
it_cat	nvarchar		NO	
it_factor	int	NULL	NO	
it_hazard	bit	NULL	NO	((0))
it_countfrequency	nvarchar		NO	('A')
it_minacceptable	numeric	NULL	NO	((0))
it_tolpc	numeric	NULL	NO	((0))
it_dps	tinyint	NULL	NO	
it_barcode	nvarchar		NO	('')
it_lastcount	datetime	NULL	YES	('')
it_weightper	numeric	NULL	NO	((0))
it_turnover	numeric	NULL	NO	((0))
it_maxacceptable	numeric	NULL	NO	((0))
it_bonded	bit	NULL	NO	((0))
it_desc	nvarchar		NO	

Table : **StockTakeDetail**

Field Name	Type	Length	Nullable	Default Entry
st_count	numeric	NULL	YES	((0))
st_entered	datetime	NULL	YES	(getdate())
st_id	int	NULL	NO	
st_header	smallint	NULL	NO	
st_sub	smallint	NULL	NO	
st_summary	int	NULL	YES	
st_batchserial	int	NULL	YES	
st_batchserialtext	nvarchar		NO	('')
st_operative	nvarchar		NO	
st_cnref	nvarchar		NO	
st_whar	nvarchar		NO	
st_bin	nvarchar		NO	('0')
st_dropped	bit	NULL	NO	((0))
st_submitted	bit	NULL	NO	((0))
st_description	nvarchar		NO	('')
st_status	nvarchar		NO	
st_observations	nvarchar		NO	('')
st_qtynearexpiry	numeric	NULL	YES	((0))
st_minlife	nvarchar		NO	('')

st_qtyunusableother	numeric	NULL	YES	((0))
st_recordedtime	datetime	NULL	YES	(')
st_accepted	bit	NULL	NO	((0))
st_barcode	nvarchar		NO	(')
st_tracebarcode	nvarchar		NO	(')
st_factor	int	NULL	NO	
st_dps	tinyint	NULL	NO	
st_existing	numeric	NULL	NO	((0))
st_unit	nvarchar		NO	(')
st_qtylifeexpired	numeric	NULL	YES	((0))

Table : **StockTakeHeader**

Field Name	Type	Length	Nullable	Default Entry
sh_started	datetime	NULL	YES	
sh_finished	datetime	NULL	YES	
sh_status	nvarchar		NO	
sh_usecategory	bit	NULL	NO	
sh_usewarehouse	bit	NULL	NO	
sh_companyid	smallint	NULL	NO	
sh_netaccuracy	numeric	NULL	NO	
sh_grossaccuracy	numeric	NULL	NO	
sh_id	int	NULL	NO	
sh_processvalues	bit	NULL	NO	
sh_period	tinyint	NULL	NO	
sh_type	nvarchar		NO	
sh_grossvalue	money	NULL	NO	
sh_year	smallint	NULL	NO	
sh_expectedvalue	money	NULL	NO	
sh_assignoperatives	nvarchar		NO	
sh_listserial	bit	NULL	NO	
sh_completed	bit	NULL	NO	
sh_period	tinyint	NULL	NO	
sh_status	nvarchar		NO	
sh_usecategory	bit	NULL	NO	
sh_usewarehouse	bit	NULL	NO	
sh_companyid	smallint	NULL	NO	
sh_netaccuracy	numeric	NULL	NO	
sh_grossaccuracy	numeric	NULL	NO	
sh_completed	bit	NULL	NO	
sh_description	nvarchar		NO	
sh_started	datetime	NULL	YES	
sh_sheettolerancepc	numeric	NULL	NO	
sh_type	nvarchar		NO	
sh_grossvalue	money	NULL	NO	
sh_year	smallint	NULL	NO	
sh_expectedvalue	money	NULL	NO	
sh_assignoperatives	nvarchar		NO	
sh_listserial	bit	NULL	NO	
sh_showexisting	bit	NULL	NO	
sh_sheettolerancepc	numeric	NULL	NO	
sh_id	int	NULL	NO	
sh_processvalues	bit	NULL	NO	
sh_description	nvarchar		NO	
sh_finished	datetime	NULL	YES	
sh_showexisting	bit	NULL	NO	

Table : **StockTakeSheets**

Field Name	Type	Length	Nullable	Default Entry
sw_status	nvarchar		NO	
sw_id	int	NULL	NO	
sw_header	int	NULL	NO	
sw_printed	bit	NULL	NO	((0))
sw_operative	nvarchar		NO	

sw_sub	smallint	NULL	NO

Table : **StockTakeSummary**

Field Name	Type	Length	Nullable	Default Entry
ss_operative3	nvarchar		NO	
ss_factor	int	NULL	NO	
ss_discrepancyvalue	float	NULL	NO	((0))
ss_count2	numeric	NULL	YES	
ss_traceabletype	varchar		NO	
ss_count3	numeric	NULL	YES	
ss_chosensub	smallint	NULL	YES	
ss_existing	numeric	NULL	NO	((0))
ss_discrepancypc	numeric	NULL	NO	((0))
ss_status	nvarchar		NO	(N'')
ss_tolerancepc	numeric	NULL	NO	
ss_sub1	smallint	NULL	YES	
ss_operative2	nvarchar		NO	
ss_cnref	nvarchar		NO	
ss_bin	nvarchar		NO	
ss_whar	nvarchar		NO	
ss_minsubs	tinyint	NULL	NO	
ss_subsreturned	tinyint	NULL	NO	((0))
ss_subsissued	tinyint	NULL	NO	((0))
ss_factorsplit	bit	NULL	NO	
ss_id	int	NULL	NO	
ss_dps	tinyint	NULL	NO	
ss_sub2	smallint	NULL	YES	
ss_sub3	smallint	NULL	YES	
ss_count1	numeric	NULL	YES	
ss_operative1	nvarchar		NO	
ss_chosencount	numeric	NULL	YES	
ss_chosenoperative	nvarchar		NO	
ss_itemvalueeach	float	NULL	NO	((0))
ss_header	int	NULL	NO	

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.