

**Oracle® Hospitality Torex ABS-POS
Support Tools Guide**

April 2016

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About this Document

Oracle Corporation acquired MICROS and its Torex products. All further references to Torex should be considered as Oracle Corporation.

This document is a PDF rendition of the Help that you received when you first purchased Torex ABS-POS and may have formatting inconsistencies.

Support Tools Overview

The Support Tools module provides access to a suite of tools that are used to support the ABS-POS system by authorised users. To view Help on a particular topic, either select the topic from below or open the relevant Support Tools book from the Contents tab.

What would you like to do?

- [Logon to Support Tools](#)
- [View the Support Tools window](#)
- [Configure which User Groups have access to the controls of the Active Business Series](#)
- [Recover Advanced Deposit files](#)
- [View and change the records contained on the database tables stored in the SQL Server](#)
- [Delete specific data and files](#)
- [Install Live System](#)
- [Import data](#)
- [Export data](#)
- [Create, amend or view the Dynamic P & L statement](#)
- [Configure the Financial Data format](#)
- [Use the language translation tool](#)
- [Check the Mini status](#)
- [Check the system status and manually perform some of the functions normally run at start and end of session](#)
- [Rebuild the stock tables from the sales tables](#)
- [Check the data integrity between tables](#)
- [View the Registry settings](#)
- [View Transmission File data](#)
- [Create Transmission Files](#)

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Support Tools Logon

To open the Support Tools, at the ABS-POS window:



CLICK THE Support Tools ICON.

As only support staff have access to Support Tools, it is subject to separate security access. After selecting this icon, a logon window opens:



It contains 2 fields which you must complete:

- Logon Name
- Password

The Logon Name and Password fields are not case-sensitive.

Upon entering the window, the cursor is flashing in the Logon Name field.

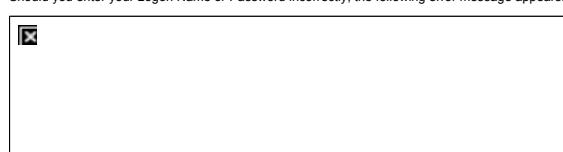
TYPE YOUR Logon Name.

PRESS 'TAB', OR CLICK ON THE Password FIELD.

[TYPE YOUR Password](#) (Your password appears as a row of asterisks.)

CLICK THE OK BUTTON.

Should you enter your Logon Name or Password incorrectly, the following error message appears:



CLICK THE OK BUTTON.

You are returned to the Support Tools Logon window where you may re-enter your Logon Name and/or Password.

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The Support Tools Window

Support Tools is used to aid in the quick resolution of faults, configure the system functionality and to allow manual interaction to the Front Office System. This topic gives an overview of the Support Tools window and its layout. For more specific information on each tool, click on the relevant option from the window below.

After a successful Logon, the Support Tools window opens:



Title Bar

The title bar displays the Support Tools Version number and the Close button. Clicking the Close button closes this window and returns you to the ABS-POS window.

Options

The Support Tools window contains a number of icons with a brief description/title.

You may change the way these icons are laid out. [How ?](#)

Buttons

At the bottom of the Support Tools window, three buttons are present. These buttons are:

Help ... Opens the ABS-POS Help System.

Select ... Runs the selected tool.

Close ... Clicking the Close button, closes the Support Tools window.

Access Control Overview

The Access Control tool allows you to configure which User Groups have access to the controls of the ABS-POS. The default setting is for all groups to have complete access to every function of the system. Therefore, the main function of the tool is to set whom is to be excluded access. This tool also shows which controls are active in the Training Mode. Furthermore, for each user group and type of stock, the reports available to print both before and after stock finalisation can be set.

What would you like to do ?

- › [Learn about the window](#)
- › [Exclude access](#)
- › [View status of controls in the Training Mode](#)
- › [Change access to the Stock Reports](#)

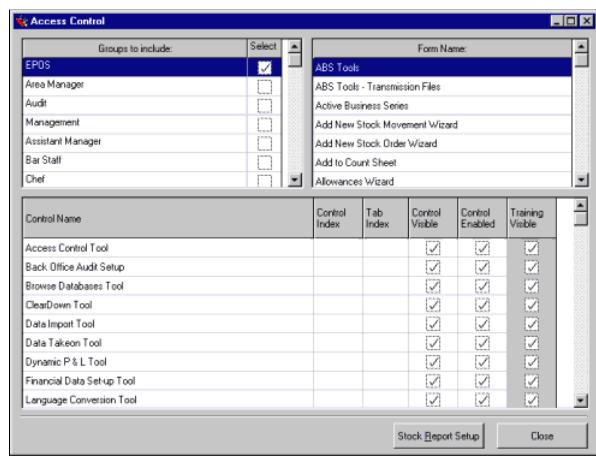
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The Access Control Window

The Access Control tool allows you to configure which User Groups have access to the controls of the Torex ABS-POS and to the Stock Reports.

Open the Support Tools window. [How ?](#)

Open the Access Control window. [How ?](#)



The window consists of 3 sections:

Groups to include - This field displays the names of the Access Groups from the AccGroups table and a check box for each group. By default these check boxes are empty. Select the appropriate check box to control the groups' access to the controls that are subsequently selected.

Form Name - This field shows a list of all of the forms contained in the ABS-POS software. A scroll bar is provided to enable viewing of the complete list. Only one form may be selected at a time.

Control Section - The column headings of the Control section remain the same although the content varies according to the Form selected. The example below represents the Control section of the Update Staff Maintenance form.

Control Name	Control Index	Tab Index	Control Visible	Control Enabled	Training Visible
Back Office User Check Box			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Non - Staff Member Option			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Point Of Sale User Check Box			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Staff Member Option			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
StaffDetailsTabs	0		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
StaffDetailsTabs	1		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
StaffDetailsTabs	2		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
User Type Label			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

[More information](#) on the Control Section column headings.

Close - The Close button closes the Access Control window and returns you to the Support Tools window.

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Excluding Access

The Access Control tool allows you to configure which User Groups have access to the controls of the Active Business Series. The default setting is for all groups to have complete access to every function of the system. Therefore, the main function of the tool is to restrict access to certain parts of the system. It is not possible to prevent all groups from accessing a specified functional area that is; at least one group must be selected for which the restriction should not apply.

SELECT THE CHECK BOX OF THE GROUP YOU WISH TO MANAGE.

CLICK THE Form Name YOU WISH TO EFFECT CHANGES TO.

AMEND THE APPROPRIATE Control CHECK BOX STATUS.

Action	What to do
To make the control inactive:	CLEAR THE Control Enabled CHECK BOX.
To make the control invisible:	CLEAR THE Control Visible CHECK BOX.

[EXAMPLE](#)

If no user group is selected in the Group to include field and a Control check box is cleared, the following error message is generated:



CLICK THE OK BUTTON.

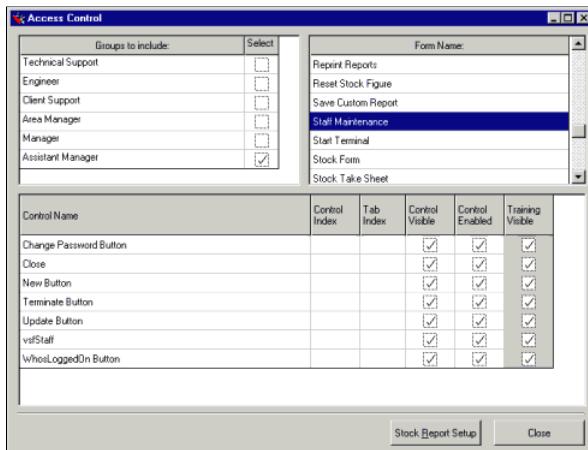
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Training Mode

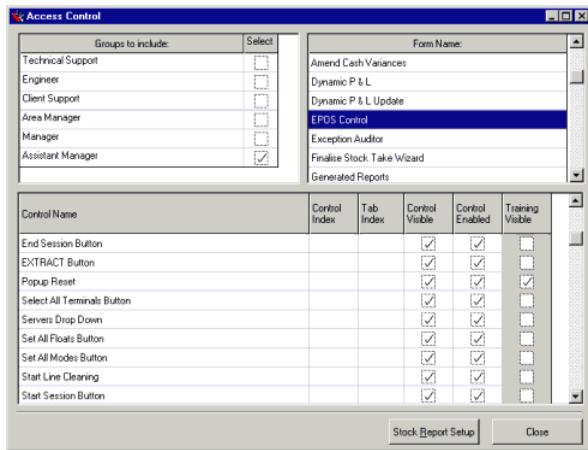
The Training Visible column, as seen on the [Access Control](#) window is not dependent on the User Group but indicates which controls are active when using the software in Training Mode. The check box status is pre-configured and cannot be edited.

A tick in the check box represents that the control can be used in the Training Mode.

For example, the check boxes for the Staff Maintenance form indicate that all the controls can be used whilst in the Training Mode.



Conversely, no tick in the check box indicates the functionality for the control is not available for use when in the Training Mode. For example, start and end sessions cannot be carried out whilst in Training Mode.



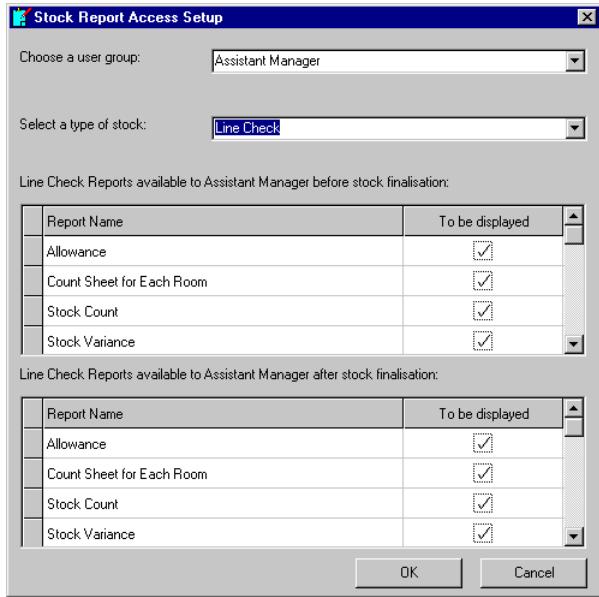
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Stock Report Setup

For each user group and type of stock, the reports available to print both before and after stock finalisation can be set.

From the Access Control window,

CLICK THE Stock Report Setup BUTTON.



To amend access to stock reports:

SELECT A USER GROUP TO AMEND.

SELECT A TYPE OF STOCK TAKE.

All available reports for the selected stock take are displayed. The top grid shows reports available before finalisation: the bottom grid displays reports available after finalisation.

For each report not required:

CLICK THE APPROPRIATE CHECK BOX.

The check box becomes cleared and the report name is shown in red to indicate a change has occurred.

To save the changes:

CLICK THE OK BUTTON.

Advanced Deposits Recovery Tool

This tool is a utility to allow site to recover Advanced Deposit details either on BOS or FOS, upon significant hardware failure.

The transfer of Advanced Deposit data from FOS to the BOS is initiated as part of the EOS processing. If there is a system failure this data can be transferred using the FOS To BOS Recovery option.

Likewise, the details of the Advanced deposits residing in BOS (up to the last EOS, or the last Uplift operation) can be copied back to FOS to rebuild the files using the BOS To FOS Recovery option. Any activity (deposits/redemptions/refunds) entered after the last EOS and before the system failure, is lost and has to be entered again through FOS after recovery.

Open the Support Tools window. [How ?](#)

Open the Advanced Deposit BOS <-> FOS Recovery window. [How ?](#)



The Last Recovery Date is updated whenever a FOS to BOS recovery is performed. If this field is empty, the 'BOS To FOS Recovery' button is not enabled, as there is nothing on BOS to send down.

Action	What to do
To transfer the files to BOS:	SELECT THE FOS To BOS Recovery BUTTON.
To rebuild the FOS files:	SELECT THE BOS To FOS Recovery BUTTON.

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Error Messages

Error messages that can be generated when using the Advanced Deposits FOS<-> BOS Recovery tool:

Area	Message	Meaning
	Cannot run BOS To FOS recovery - no backup has been performed	Last Recovery Date is empty
BOS To FOS	Unable to create file ADVFILE.TXT	Unable to create extract file for FOS
BOS To FOS	Error writing to file ADVFILE.TXT	Error writing to extract file for FOS
BOS To FOS	Incorrect response from FOS	Failure of FOS to process extract file into ADVDEPOSIT
FOS To BOS	Incorrect response from FOS	Failure of FOS to generate trickle file of ADVDEPOSIT
FOS To BOS	Unable to open file ??ADV.TRK	Error opening trickle file from FOS
FOS To BOS	No summary record in file ??ADV.TRK	No summary record in trickle file from FOS
General	Cannot be performed in session	FOS In Session
General	Unable to open table <table name>	Unable to open table
General	No records in table <table name>	No records in table
General	Unable to create an instance of MiniControl	Cannot create instance of MiniControl (cannot talk to FOS)
General	Unable to process SQL command	Error writing to SQL

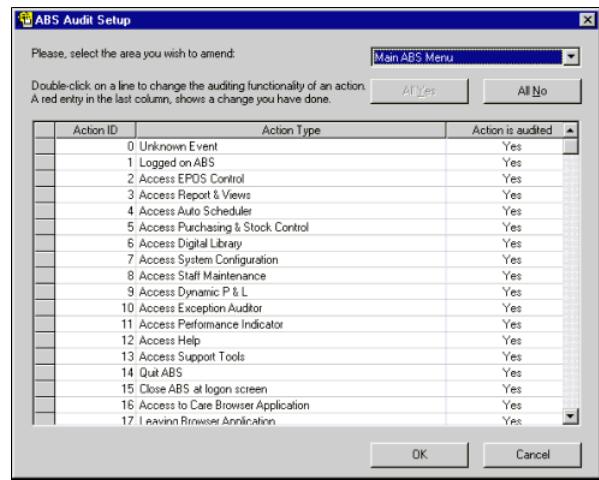
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The Back Office Audit Setup Window

This tool allows the individual ABS audit actions to be setup or amended.

Open the Support Tools window. [How ?](#)

Open the ABS Audit Setup window. [How ?](#)



All actions that are audited within the selected area are displayed. As default, all audited actions for the main ABS menu are shown. For each ABS action, the last column indicates if that action is audited. This status can be changed.

Action	What to do
To change the ABS area to amend:	CLICK ON Main ABS Menu. CLICK ON REQUIRED SYSTEM AREA. The grid will update to show the audited actions for the selected area.
To change the status of individual actions:	DOUBLE-CLICK ON THE LINE TO CHANGE. Changes are indicated with red text.
To change the status of all actions within a selected area:	CLICK THE All Yes OR All No BUTTON. Changes are indicated with red text.
To save the changes:	CLICK ON THE OK BUTTON.

Browse Databases Overview

The Browse Databases tool allows you to view the records contained on the database tables stored in the SQL Server.

What would you like to do ?

- ▶ [Learn about the window](#)
- ▶ [Change the window layout](#)
- ▶ [Sort records](#)
- ▶ [Filter records](#)
- ▶ [Find records](#)
- ▶ [Restore the table to its original format](#)
- ▶ [Count records](#)

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The Browse Database Window

The Browse Databases tool allows you to view the records contained on the database tables stored in the SQL Server.

Open the Support Tools window. [How ?](#)

Open the Table Browser. [How ?](#)



The directory tree displays an expandable/compressible hierarchy of folders that organise the SQL Server databases into related groups.

- ⊕ Folders prefixed with a (+) contain more information and are available for opening.
- ⊖ Folders prefixed with a (-) are already opened and displaying their contents.

The databases are listed under different headings:

dbBOS - contains the main Back Office System database tables.

dbTraining - contains the duplicated training database tables. This enables the user to carry out training without affecting the normal database tables.

dbCD - contains the databases used for Central Data updates.

[SELECT A DATABASE BY EXPANDING THE RELEVANT FOLDER.](#) For example, dbBOS.

The selected database expands to display its list of tables. A scroll bar allows the whole list to be viewed.

To open a table from the list:

The table opens:

EmployeeID	EmployeeName	EmployeeType	EmployeeStatus	EmployeeLevel	EmployeeCount	EmployeeHours	EmployeeRate
1	Terminal Support	10	50	0	0	0	0
2	Frontline	10	50	0	0	0	0
3	Client Support	10	50	0	0	0	0
4	Any Employee	20	50	0	0	0	0
5	Manager	5	30	1	0	0	0
6	Assistant Manager	5	30	0	0	0	0

The title bar displays the name of the table that is open for example, accGroup.dbBOS. Each row on the table represents an individual record. The arrow pointer points at the current or active record. Each column represents a particular field on the record.

Changing the window layout

If several database tables have been opened, they may be:

- displayed in a drop-down cascading style. [How ?](#)
- minimised and arranged at the bottom of the window. [How ?](#)

Sorting Records

The order of the records contained in the database tables may be rearranged using the [Browse Database](#) tool. The records can be sorted by any of the column headings and displayed either in ascending or descending order.

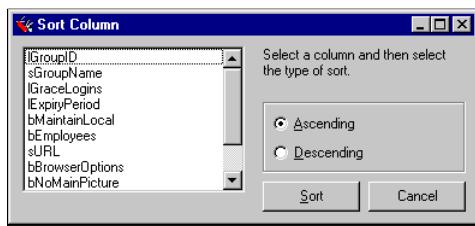
Open the relevant database table. [How ?](#)

To sort the records on the table:

SELECT THE Sort ICON ON THE TOOLBAR -OR-

SELECT Sort FROM THE Records PULL-DOWN MENU.

This opens the Sort Column window:



SELECT THE COLUMN TO SORT BY FROM THE LIST.

Ascending order is selected as the default type of sort option. If Descending order is required:

CLICK THE Descending OPTION BUTTON.

To sort the records:

CLICK THE Sort BUTTON.

The Sort Column window closes and the sort is applied to the table.

EXAMPLE

Filtering Records

The Filter option on the [Browse Database](#) window allows a partial list of data to be worked on. When you use the Filter command, the system searches the database table and displays only the records that meet the specifications entered. The specifications you enter to find records are called criteria. Three fields need to be completed to create the search criteria:

Fields - the field (column) to include in the search.

Operators - the operation to perform.

Value or Expression - the condition (value or text) to apply.

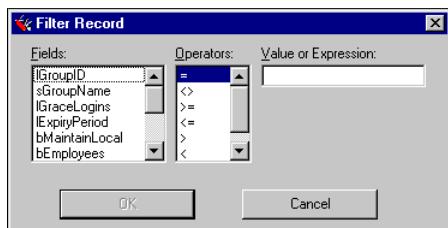
Open the relevant database table. [How ?](#)

To filter the records on the table:

SELECT THE Filter ICON ON THE TOOLBAR -OR-

SELECT Filter FROM THE Records PULL-DOWN MENU.

This opens the Filter Record window:



A list of available Fields (columns) and Operators applicable to the selected database table is displayed. The Operators field contains the equals symbol automatically by default. Other Operators may be selected. Use the scroll bar to view the complete list of Operators. These Operators produce criteria involving finding exact matches or simple ranges of greater-than or less-than comparisons. [More information](#) on the meanings and examples of Operators.

The Value or Expression field is blank to allow values or text to be entered. When all three fields have been completed, the OK button appears active. Selecting the OK button applies the filter whereas, selecting the Cancel button closes the Filter Record window, returning you to the original database table.

SELECT THE FIELD TO FILTER BY FROM THE LIST.

SELECT THE OPERATOR.

ENTER THE CONDITION IN THE Value or Expression FIELD.

CLICK THE OK BUTTON.

The Filter Record window closes and the filter is applied to the table.

EXAMPLE

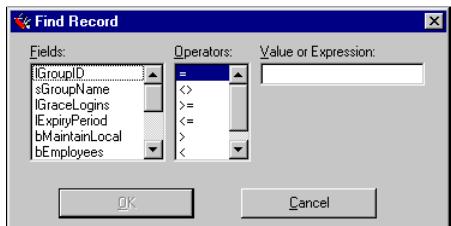
Finding Records

Open the relevant database table. [How ?](#)

To find records on the table:

SELECT THE Find ICON ON THE TOOLBAR -OR-

This opens the Find Record window:



SELECT Find FROM THE Records PULL-DOWN MENU.

SELECT THE FIELD TO SEARCH FROM THE LIST.

SELECT THE OPERATOR.

ENTER THE CONDITION IN THE Value or Expression FIELD.

CLICK THE OK BUTTON.

The Find Record window closes and the search is applied to the table.

The Find Record window contains the same fields as the [Filter](#) Record window.

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Refreshing Records

The Refresh option on the [Browse Database](#) window is used to return the selected database table to its original format. When the Sort or Filter options have been used, the records may be in a different order or all records may not be showing.

Note: Records that have been deleted cannot be restored.

To restore the table to its original format:

SELECT THE Refresh ICON ON THE TOOLBAR -OR-

SELECT Refresh FROM THE Records PULL-DOWN MENU.

The database table displays all records in their original order.

EXAMPLE

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Counting Records

The total number of records contained on the selected database table may be counted.

Open the relevant database table. [How ?](#)

To count the records on the database table:

SELECT THE DATABASE TABLE. For example, accGroup.

iGroupID	sGroupName	iGraceLogins	iExpiryPeriod	bMaintainLocal	bEmployees
1	Technical Support	10	90	-1	-1
2	Engineer	10	90	0	0
3	Client Support	10	90	-1	-1
4	Area Manager	5	30	0	-1
5	Manager	5	30	-1	-1
6	Assistant Manager	5	30	0	-1

SELECT THE Record Count ICON ON THE TOOLBAR -OR-

SELECT Record Count FROM THE Records PULL-DOWN MENU.

The Data Browser Tool window opens:



The total number of records in the selected database table is displayed in this window.

CLICK THE OK BUTTON.

The Data Browser Tool window closes and returns you to the Table Browser window.

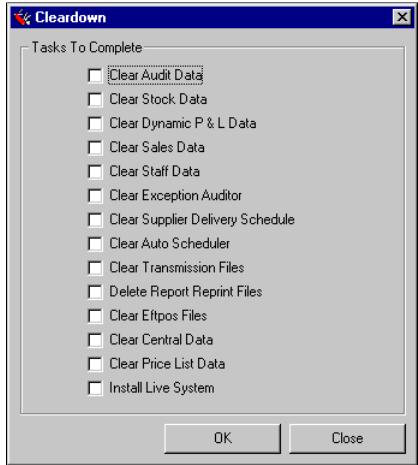
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Cleardown

The Cleardown window allows specific data and files to be deleted. The cleardown options may affect BOS, FOS or a combination of both. Because cleardown options deletes database data, users must always confirm that they wish to proceed. In addition, they are informed if the cleardown affects FOS. The cleardown tool is useful when an outlet is ready to go live for the first time, to clear out any transaction data that is not required.

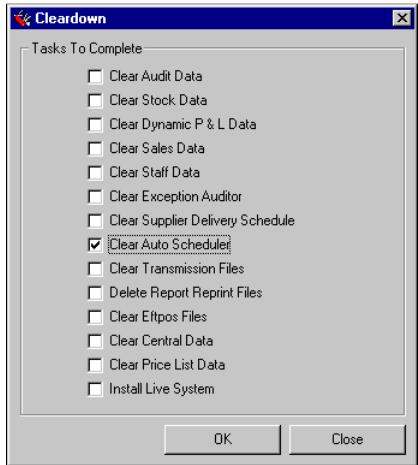
Open the Support Tools window. [How ?](#)

Open the Cleardown window. [How ?](#)



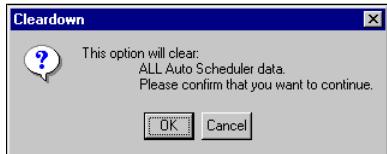
[More information](#) on cleardown options available.

Individual check boxes allow specific data and files to be deleted and the Live System to be installed. Note that any combination of these may be selected.



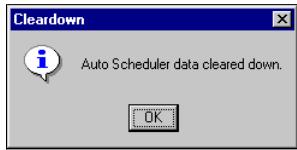
SELECT OPTION(S) AND CLICK THE OK BUTTON. For example, Clear Auto Scheduler.

A verification window opens for confirmation of the action to take:



To continue:

CLICK THE OK BUTTON.



CLICK THE OK BUTTON.

Data Import Tool Overview

The Data Import Tool allows data to be loaded into specified tables. It also allows data from specified database tables to be exported to a specific directory.

What would you like to do ?

- › [Learn about the window](#)
- › [Import Data](#)
- › [Export Data](#)

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The Data Import Tool Window

Open the Support Tools window. [How ?](#)

Open the Data Import Tool. [How ?](#)

ABS uses the Microsoft SQL Server as the core of the system. SQL (Structured Query Language) is a language used in querying, updating and managing relational databases hence SQL can be used to retrieve, sort and filter specific data to be extracted from the database.

Terminology employed with SQL Server:

- A database is a file that contains tables, stored procedures, defaults and views.
- A table is where the data is kept.
- A stored procedure is SQL Server sequel code that is called by the ABS modules to return or manipulate data.

The system is configured with several databases:

dbBOS - The main ABS database containing all live data stored procedures to run the system.

dbCD - Used to store data pending implementation in dbBOS at start/end session.

dbTraining - Temporary copy of ABS with limited history content. This enables the user to carry out training without affecting the normal database tables.

dbET - Point of Sale database.

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Importing Data

To load data into specified database tables from an outside source:

SELECT SQL Data.

A pull-down menu opens:



Specify the source path to import data from. [How ?](#)

Select the Database the data is to be imported to. [How ?](#)

Specify which database tables should be imported. [How ?](#)

Only .TXT (text) files will be imported as default. Should DBF (database) files require importing:

CLICK THE DBF's CHECK BOX.

Usually, when the data contained in each table is imported, it overwrites any existing data contained in that table. If this is not desired and you wish to append to the previous data:

CLICK THE No Trunc. CHECK BOX.

To import the data:

CLICK THE Import BUTTON.

As the data is imported, the table names are displayed along the bar at the bottom of the window, for example, accPasswordHistory.txt



Any exceptions raised in the import are displayed on the right-side of the window.

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Exporting Data

To export database tables into a specified directory:

SELECT SQL Data.

A pull-down menu opens:



Specify the destination path to export data to. [How ?](#)

Select the Database containing the data. [How ?](#)

Specify which database tables should be exported. [How ?](#)

Only .TXT (text) files will be exported as default. Should DBF (database) files require exporting:

CLICK THE DBF's CHECK BOX.

To export the data:

CLICK THE Export BUTTON.

As the data is exported, the table names are displayed along the bar at the bottom of the window, for example, accGroupControl.txt

Exporting.. accGroupControl.txt

Any exceptions raised in the export are displayed on the right-side of the window.

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Data Takeon Overview

The Data Takeon tool allows a text file (TAKEON.TXT) to be created in C:\BOS\FILES.TX. The Data Takeon must be performed when the system is out of session, and a stocktake must not be in progress. The window messages vary depending if a 'Cleardown' has been performed. The [Cleardown](#) tool allows specific data and files to be deleted.

If a [Cleardown has been performed](#), the Data Takeon tool runs code to produce a takeon.txt file.

If a [Cleardown has not been run](#), the Data Takeon tool opens the Cleardown tool with the options needing to be run already selected. The Cleardown tool should be run and then the Data Takeon process proceeded with.

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Cleardown Performed

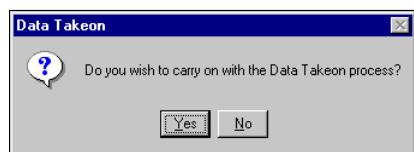
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If a Cleardown has been performed, the Data Takeon tool runs code to produce a TAKEON.txt file.

Open the Support Tools window. [How ?](#)

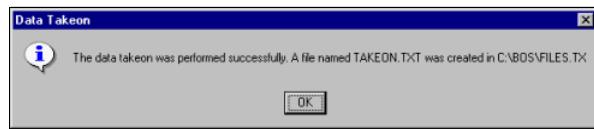
Open the Data Takeon Tool. [How ?](#)

A confirmation window opens to verify you wish to proceed with the Data Takeon.



To proceed:

CLICK THE Yes BUTTON.



CLICK THE OK BUTTON.

The Data Takeon icon displayed on the Support Tools window updates to show a crossed red circle.



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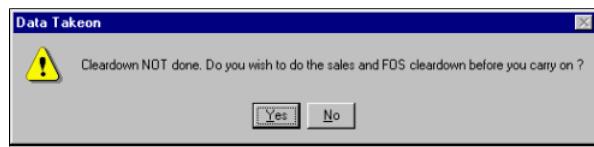
Cleardown Not Performed

The Data Takeon tool allows a text file (TAKEON.TXT) to be created in C:\BOS\FILES.TX. The Data Takeon must be performed when the system is out of session, and a stocktake must not be in progress. The window messages vary depending if a 'Cleardown' has been performed. The [Cleardown](#) tool allows specific data and files to be deleted. If a Cleardown has not been run, the Data Takeon tool opens the Cleardown tool with the options needing to be run already selected. The Cleardown tool should be run and then the Takeon process proceeded with.

Open the Support Tools window. [How ?](#)

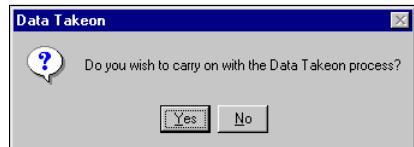
Open the Data Takeon Tool. [How ?](#)

The following window opens:



CLICK THE Yes BUTTON.

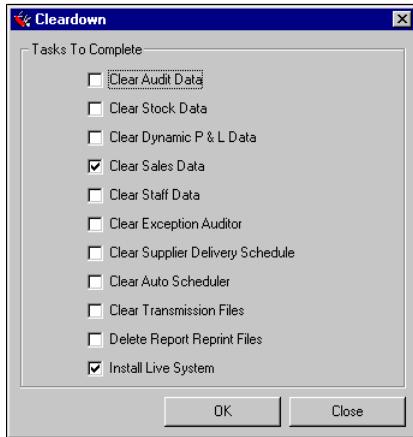
A confirmation window opens to verify you wish to proceed with the Data Takeon.



To proceed:

CLICK THE Yes BUTTON.

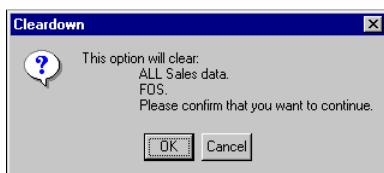
The Data Takeon tool opens the Cleardown tool. The tasks required to clear are already selected.



To proceed with the Cleardown:

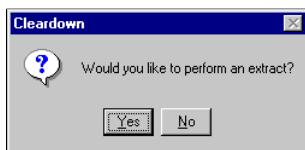
CLICK THE OK BUTTON.

A verification window opens:

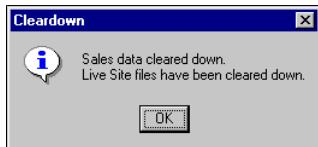


CLICK THE OK BUTTON.

An extract (data sent from the back office to the front office) may be performed, if desired.



CLICK THE Yes/No BUTTON.



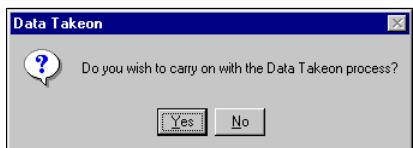
CLICK THE OK BUTTON.

To proceed with Data Takeon at the Support Tools window:



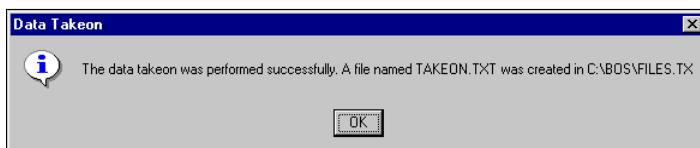
DOUBLE-CLICK THE Data Takeon ICON

A confirmation window opens to verify you wish to proceed with the Data Takeon.



To proceed in creating a file:

CLICK THE Yes BUTTON.



CLICK THE OK BUTTON.

The Data Takeon icon displayed on the Support Tools window updates to show a crossed red circle.



Dynamic P and L Overview

The Dynamic P & L tool supports the configuration of the Dynamic Profit & Loss statement.

What would you like to do ?

- ▶ [Learn about the statement](#)
- ▶ [Setup/change statement colours](#)
- ▶ [Add, delete or modify tabs](#)
- ▶ [Setup/change lines within tab](#)
- ▶ [Add, delete or modify line details](#)
- ▶ [Setup takings](#)
- ▶ [Generate the statement](#)
- ▶ [Insert a line on the statement](#)
- ▶ [Insert sub total line on the statement](#)
- ▶ [Setup print area for each tab](#)
- ▶ [Copy/paste formula](#)
- ▶ [Use Designer](#)
- ▶ [Saving the worksheet](#)

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The Dynamic P and L Statement

The Dynamic P & L tool supports the configuration of the Dynamic Profit & Loss statement. The template for the statement, contains the worksheet layouts, text and formulas used to control all the financial aspects of each business. Either, the current statement may be opened to allow amendments to the statement colours, tabs, line, line details and takings, or a new statement can be created.

Within the Statement tool, the following terminology is used:

Workbook - this is the entire P & L statement and comprises several individual worksheets.

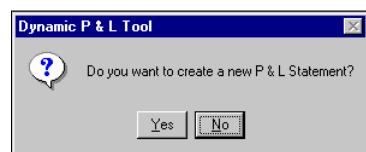
Tab - refers to an individual worksheet within the P & L statement.

Line - a row on a worksheet.

Open the Support Tools window. [How ?](#)

Open the Dynamic P and L Tool. [How ?](#)

The Setup Statement window opens:



If you would like to create a new statement:

CLICK THE Yes BUTTON.

The Setup Dynamic P & L Colours window opens. To continue creating a new statement, follow the [Statement Colours](#) procedure.

If you would like to view or amend the existing statement:

CLICK THE No BUTTON.

The current statement opens to allow amendments to the statement colours, tabs, line, line details and takings.

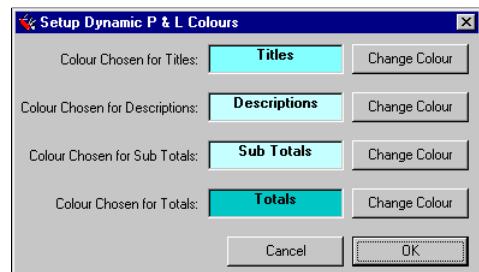
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Statement Colours

The Setup Dynamic P & L Colours window allows the colour settings for the P & L workbook to be customised. Separate colours may be chosen for titles, descriptions, sub-totals and totals. When creating a new statement, this window appears automatically after selecting the Yes button from the Setup Statement window. If you are viewing a current statement and wish to amend the statement colours:

[CLICK ON THE Setup Colours BUTTON.](#)

Different background colours may be associated with separate areas of the statement.



The colour for each of these four areas of the statement may be changed. [How ?](#)

When all colours have been chosen or the default colours are acceptable:

[CLICK THE OK BUTTON.](#)

If you were viewing the current statement, you are returned to the Setup P & L Statement window. If you were creating a new statement, the Setup Tabs window automatically opens next. To continue creating a new statement, follow the

topic called [Tabs](#).

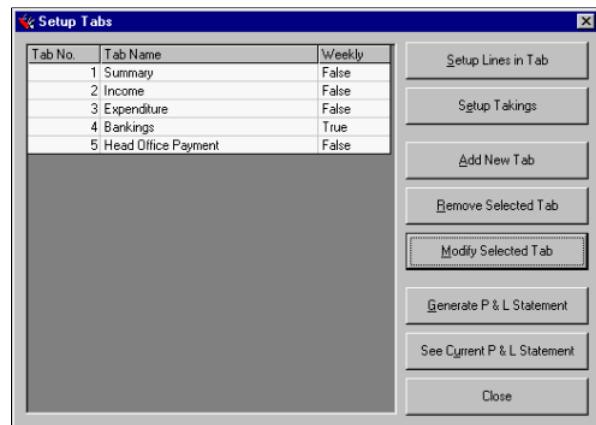
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Tabs

When creating a new statement, this window appears automatically after the Setup Dynamic P & L Colours window. If you are viewing a current statement and wish to amend the tabs:

CLICK ON THE Modify Tabs BUTTON.

The tabs represent individual worksheets within the statement and are usually titled to cover the different financial areas of the business such as, Income, Expenses, Bankings, Summary, and so on.



Tabs may be:

- Added. [How ?](#)
- Deleted. [How ?](#)
- Changed. [How ?](#)

Lines (rows on a worksheet) may be added or amended for each tab (worksheet).

SELECT THE TAB TO ADD THE LINES TO.

CLICK THE Setup Lines in Tab BUTTON.

To continue creating a new statement, follow the topic called [Lines](#).

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Lines

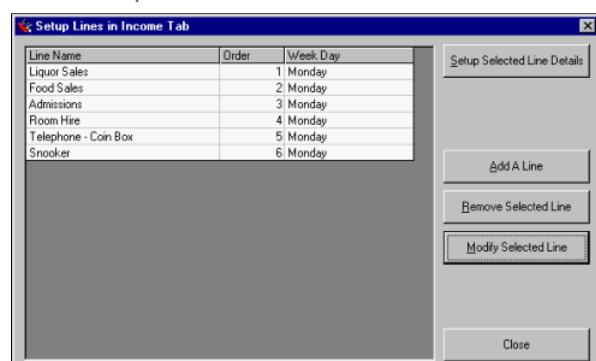
Lines are the rows on a worksheet, and represent the items found within each tab. For example, on the Income tab, each line may represent a source of income such as Liquor Sales, Food Sales, Admissions.

When creating a new statement:

CLICK ON THE Setup Lines in Tab BUTTON.

If you are viewing a current statement and wish to amend the lines on a selected tab:

CLICK ON THE Modify Lines BUTTON.



Lines may be:

- Added. [How ?](#)
- Deleted. [How ?](#)
- Amended. [How ?](#)

Line Details may be added or amended for each line within the tab.

SELECT THE LINE TO ADD THE DETAILS TO.

CLICK THE Setup Selected Line Details BUTTON.

To continue creating a new statement, follow the topic called [Line Details](#).

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Line Details

The Line Details option allows for extra specific data to be entered for each individual cell on the worksheet.

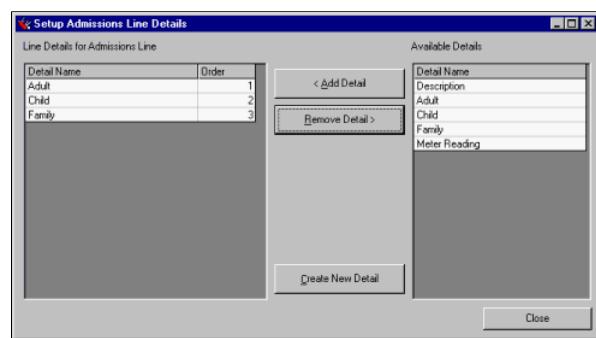
When creating a new statement, from the Setup Lines in Tab window:

CLICK ON THE Setup Selected Line Details BUTTON.

If you are viewing a current statement and wish to amend the lines on a selected tab:

CLICK ON THE Modify Lines BUTTON.

CLICK ON THE Setup Selected Line Details BUTTON.



Line Details that have been added to the selected line are displayed on the left.

Line Details may be:

- Added from the Available Details field. [How ?](#)
- Removed from the Line Details field. [How ?](#)

New details may be created and placed in the Available Details fields. [How ?](#)

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Takings

When creating a new statement, from the Setup Lines in Tab window:

CLICK ON THE Setup Takings BUTTON.

If you are viewing a current statement and wish to amend the lines on a selected tab:

CLICK ON THE Setup Takings BUTTON.

Setup Takings shows records for each Family/Category and their corresponding Trading Area. Individual cells for the Net Sales Line and Vat Sales Line must be entered with the valid information. A check is provided to allow users to ensure that takings have been set up correctly, that is that every category/trading area combination or family/trading area combination have been assigned a net and vat sales line. Also, if changes have been made to the sales hierarchy or trading areas then the takings may be reconfigured to ensure that the statement reflects the changes.



The display may be set to show either by Category or by Family. To change to the other view for example, Family in the above example:

CLICK ON THE Family OPTION BUTTON.



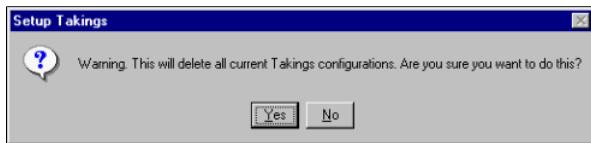
To check that the takings are configured correctly:

CLICK ON THE Are Takings configured correctly? BUTTON.



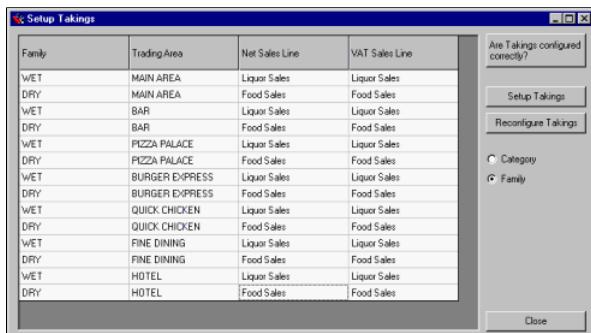
If the takings configuration is not correct, two options may be followed as detailed in the window message:

Action	What to do
To add the missing configuration items:	CLICK THE Reconfigure Takings BUTTON.
To delete any current Takings configurations and reconfigure the Takings from the beginning:	CLICK THE Setup Takings BUTTON. A warning message opens for verification of this action. CLICK THE Yes BUTTON.



For each cell, that requires a valid Line ID, enter the relevant option. [How ?](#)

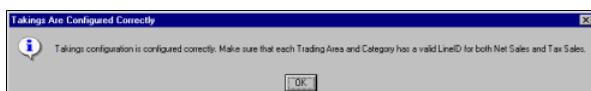
Continue until all cells for the Net Sales Line and Vat Sales Line have valid information.



To verify that the takings are configured correctly:

CLICK ON THE Are Takings configured correctly? BUTTON.

The following window opens when the takings configuration is configured correctly.



CLICK ON THE OK BUTTON.

CLICK ON THE Close BUTTON.

You are returned to the Setup Tabs window.

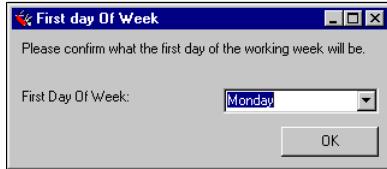
Generating Statements

Generate Statement triggers the generation of a P & L statement incorporating any updates which have been applied via the Statement tool. The first day of the week must be selected (this will affect column display order) and users may select to display individual worksheets in weekly style, regardless of how they have been configured. The Generated statement may then be saved or cancelled.

To generate a new statement:

CLICK ON THE Generate P & L Statement BUTTON.

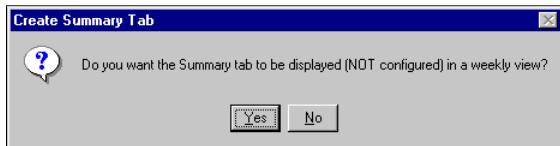
A confirmation window opens for verification of the first day of the working week.



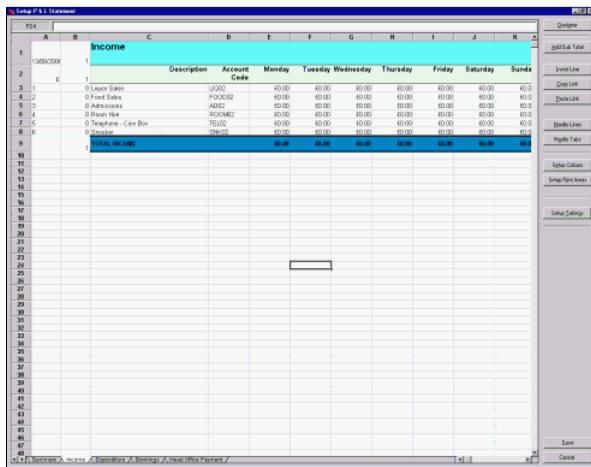
The day may be changed if necessary using the drop-down list. When acceptable:

CLICK ON THE OK BUTTON.

For each tab (worksheet) generated, a window opens asking if the tab should be displayed in a weekly view, independent of how it was configured.



After the last tab is created, the new statement is displayed.



Extra lines may be added to the generated statement. If required, follow the [Adding Lines and Sub-Totals](#) procedure.

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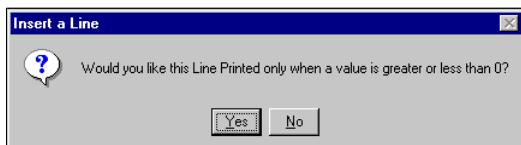
Adding Lines and Sub-Totals

Extra lines may be added to the generated statement.

CLICK ON ANY CELL IN THE ROW BENEATH THE LINE TO BE ADDED.

CLICK ON THE Insert Line BUTTON.

A window opens asking if this line should be printed only when the value is other than zero.



If you wish the statement to be true:

CLICK THE Yes BUTTON.

A new line (row) is inserted into the worksheet. This new row is located above the row where the cursor was placed.

EXAMPLE of inserting a line.

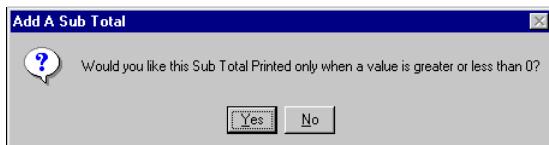
Add Sub Total

Sub Total lines may be added to the generated statement.

CLICK ON ANY CELL IN THE ROW BENEATH WHERE THE SUB TOTAL IS TO BE ADDED.

CLICK ON THE Add Sub Total BUTTON.

A window opens asking if this line should be printed only when the value is other than zero.



If you wish the statement to be true:

CLICK THE Yes BUTTON.

A new sub total line (row) is inserted into the worksheet. This new row is located above the row where the cursor was placed.

EXAMPLE of inserting a sub total line.

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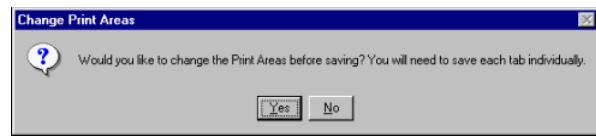
Saving Statements

Whenever a new statement is generated or changes made to the current statement, the worksheet should be saved.

CLICK ON THE Save BUTTON.



CLICK THE Yes BUTTON.



If you wish to change the Print Areas:

CLICK THE Yes BUTTON.

The Setup Print Area window opens for each tab to allow the print and view areas to be set.

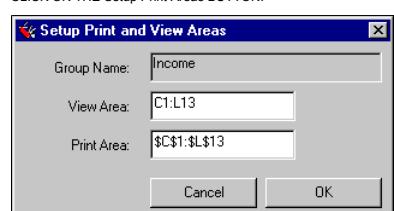
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Print Areas

Each tab (worksheet) on the statement requires the print area to be set. Areas are defined in terms of top left and bottom right spreadsheet cells. Different areas may be selected for viewing and printing.

CLICK ON THE REQUIRED TAB. For example, Income.

CLICK ON THE Setup Print Areas BUTTON.



ENTER THE CELL REFERENCES FOR THE View AND Print Areas.

CLICK ON THE OK BUTTON.

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Copy/Paste Links

Copy/Paste links allow links to be created between spreadsheets. Links on one tab may be copied to other cells on other tabs. For example,

CLICK ON THE REQUIRED CELL CONTAINING THE FORMULA TO COPY.

CLICK ON THE Copy Link BUTTON.

CLICK ON THE CELL REQUIRING THE FORMULA.

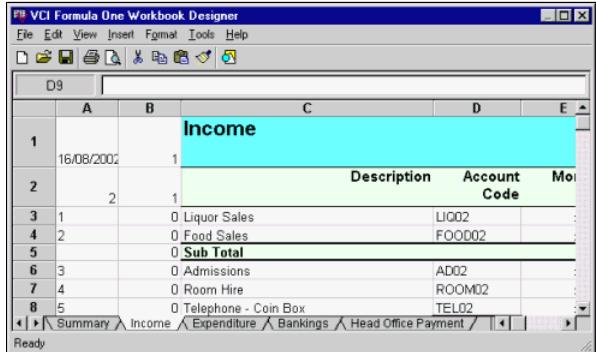
CLICK ON THE Paste Link BUTTON.

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Using Designer

The format of the generated statement may be changed using another software package - VCI Formula One Workbook Designer. This software has its own help system but functions in a way similar to Microsoft Excel. Refer to this help for further information.

CLICK ON THE Designer BUTTON.



The screenshot shows a software application window titled "VCI Formula One Workbook Designer". The menu bar includes File, Edit, View, Insert, Format, Tools, and Help. The toolbar contains icons for New, Open, Save, Print, and others. The main area displays a table with the following data:

Income				
1	16/08/2002	1	Description	Account
2	2	1		Code
3	1	0	Liquor Sales	LI002
4	2	0	Food Sales	FOOD002
5		0	Sub Total	
6	3	0	Admissions	AD02
7	4	0	Room Hire	ROOM02
8	5	0	Telephone - Coin Box	TEL02

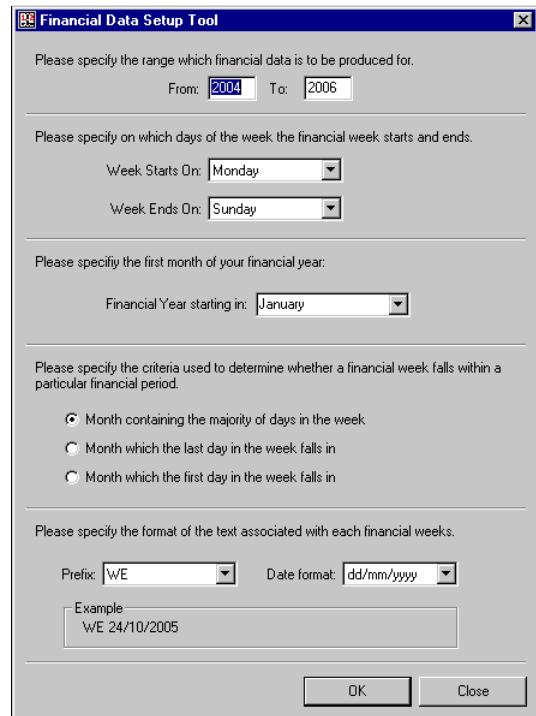
Financial Data Setup Tool

The Financial Data Setup tool allows financial accounting periods that is, the year range, start and end days of the week, and date format to be configured for the Dynamic P & L statement. If changes are made, the user is warned that the existing database tables holding the data representing financial periods will be overwritten.

Open the Support Tools window. [How ?](#)

Open the Financial Data Setup Tool. [How ?](#)

The Financial Data Setup Tool window opens:



There are five areas that require configuring:

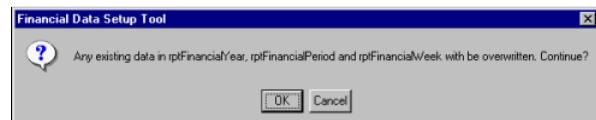
- The year range from which financial data is to be produced for example, 2004 to 2006
- Financial week start day (for example, Monday) and end day (for example, Sunday).
- The start month of the financial year for example, January
- The criteria used to determine whether a financial week falls within a certain financial period
- The text format used for financial weeks for example, WE 24/10/2005

SELECT OPTIONS AS REQUIRED.

When the options have been selected:

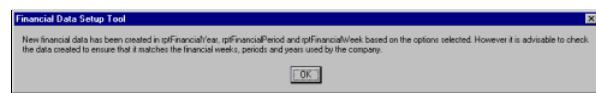
CLICK THE OK BUTTON.

A warning message opens detailing that existing data in three rpt (Reports & Views) tables will be overwritten.



CLICK THE OK BUTTON.

An information window opens advising to check the data created matches the financial weeks, periods and years used by the company.



CLICK THE OK BUTTON.

Language Conversion Overview

The Language Conversion tool allows translation of text that is buttons, controls and tooltips can appear in English, French or German equivalents. Hard coded text (for example, text displayed in drop-down lists) may also be changed or translated.

What would you like to do ?

- ▶ [Learn about the window](#)
- ▶ [Translate/change text](#)
- ▶ [Translate/change hard coded text](#)
- ▶ [Filter the data for specific text](#)
- ▶ [Search for a specific piece of text](#)

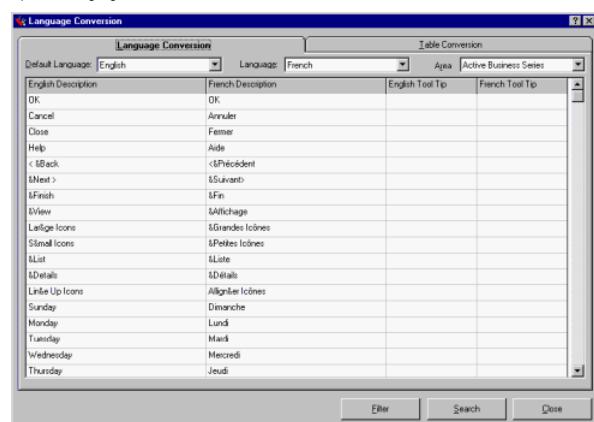
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The Language Conversion Window

The Language Conversion tool allows for translation of text that is, buttons, controls and tooltips can appear in English, French or German equivalents. Hard coded text (for example, text displayed in drop-down lists) may also be changed or translated.

Open the Support Tools window. [How ?](#)

Open the Language Conversion Tool. [How ?](#)



Two tabs exist on the Language Conversion window:

Language Conversion - for translation of text displayed on buttons, controls and tooltips. Four columns exist in this view, displaying text and tooltips in both the default language and translated language. For details on translating this text, refer to the [Translating Text](#) procedure.

Table Conversion - for translation of text that has been hard coded. When the desired table has been selected, the first column is populated automatically with data from the selected table. For details on translating this text, refer to the [Translating Hard Coded Text](#) procedure.

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Translating Text

Text displayed on buttons, controls and tooltips may be translated or changed from the [Language Conversion](#) tab.

Select the language to translate from.

The language to translate from is determined from the Default Language field. If the language displayed is not the desired language, it may be changed. [How ?](#)

Select the language to translate to.

The language to translate to is displayed in the Language field. If the language shown is not the desired language, it may be changed. [How ?](#)

Select the application area to translate.

The area of the software where the text is located is selected from the Area field. The Active Business Series option covers the core system; other optional modules are listed separately. The software area field may be changed. [How ?](#)

If required, individual pieces of text to translate or change may be located using the [Filter](#) or [Search](#) methods.

Translate or change the text.

The text/tooltip in the default language may not be amended.

To add or amend the remaining text/tooltip:

CLICK THE CELL CONTAINING THE TEXT TO BE AMENDED.

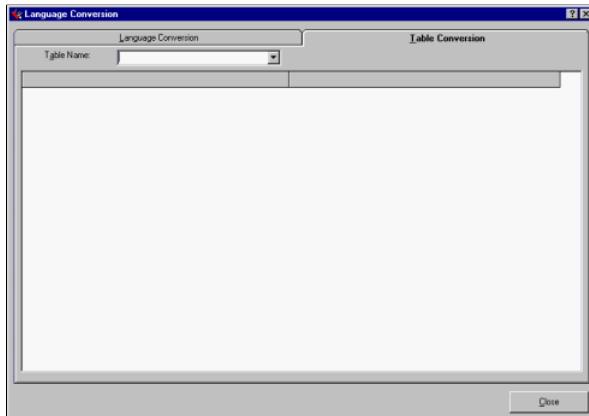
TYPE THE TEXT REQUIRED.

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Translating Hard Coded Text

The Table Conversion tab on the [Language Conversion](#) window is used for amending and translating the text that has been hard coded (for example, text displayed in drop-down lists).

CLICK THE Table Conversion TAB.



Select the table containing the required text to translate or change.

CLICK IN THE Table Name FIELD.

SELECT THE REQUIRED TABLE.

The first column is populated automatically with data from the selected table.

TYPE IN THE NEW TEXT IN THE SECOND COLUMN.

When finished:

CLICK THE Close BUTTON.

[EXAMPLE](#)

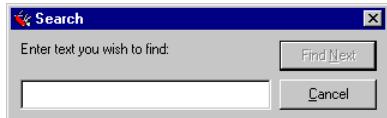
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Finding Text

The Search button on the [Language Conversion](#) window allows the data to be searched for a specific piece of text. The search starts from the position of the cursor and locates the first occurrence of the text entered. The search is not case-sensitive, hence entering 'next' will find next, Next and NEXT. Complete words are not essential as the search looks for letters inside a word, such as entering 'end', also finds instances of calendar, pending and amend.

To perform a search:

CLICK ON THE Search BUTTON.



ENTER THE WORD OR PHRASE THAT YOU WANT TO FIND.

To start the search:

CLICK THE Find Next BUTTON.

The first occurrence of the text is selected. You may cancel or continue with the search.

To continue the search:

CLICK THE Find Next BUTTON.

Continue until either no more occurrences are found or the desired text has been located.

[EXAMPLE](#)

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Filtering Text

The Filter button on the [Language Conversion](#) window allows a partial list of data to be worked on. When you use the Filter command, the system will search the text and display only those records that meet the specification entered.

CLICK ON THE Filter BUTTON.

ENTER THE TEXT TO FILTER ON.

CLICK THE OK BUTTON.



To restore all text:

CLICK ON THE Clear Filter BUTTON.

EXAMPLE

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MS SQL Server Enterprise Manager

SQL Server Enterprise Manager is a graphical tool that allows for easy, enterprise-wide configuration and management of Microsoft® SQL Server™ and SQL Server objects. You can use SQL Server Enterprise Manager to create databases and manage database tables.

A full Help service is provided from Microsoft. You can receive information about SQL Server Enterprise Manager screen elements by pressing F1 or clicking Help in any dialog box.

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Mini Tools

The Mini Tools option allows users to ensure that each mini in the system has been configured correctly and is working. A test exists for each test that can be sent to a mini. If parameters are required, then these can be entered before transmitting the request. The test response is then displayed. Note that some tests do not go directly to the mini but instead query the values returned from the ABSService. This service will refresh (reload) details of the terminal status, trading session and so on. This refresh occurs every 30 seconds.

Open the Support Tools window. [How ?](#)

At the ABS-POS window:



CLICK THE **Support Tools** ICON

A Support Tools Logon window opens:



TYPE YOUR Logon Name.

PRESS 'TAB', OR CLICK ON THE [Password FIELD](#).

TYPE YOUR Password (Your password appears as a row of asterisks.)

CLICK THE **OK** BUTTON.

After a successful Logon, the Support Tools window opens.

Open Mini Tools window. [How ?](#)

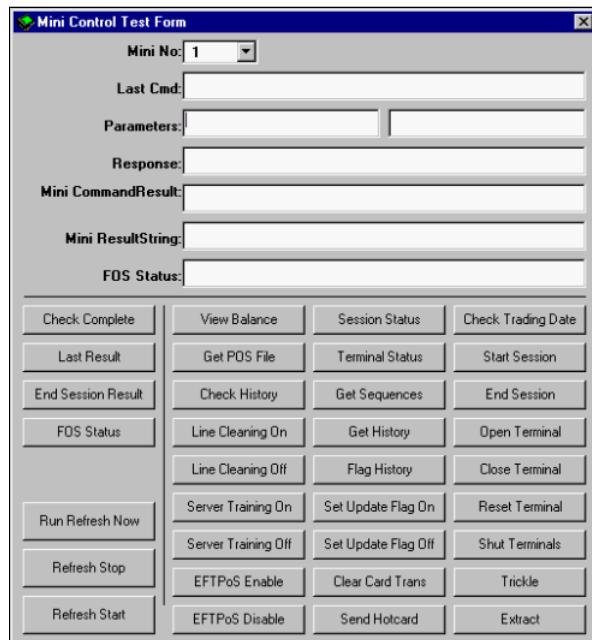
At the Support Tools window:



DOUBLE-CLICK THE **Mini Tools** ICON

-OR- CLICK THE **Mini Tools** ICON AND CLICK THE **Select** BUTTON.

The Mini Control Test Form window opens:



What would you like to do ?

› [Learn about the window](#)

About the window

The bottom section of the window displays numerous command buttons which communicate to the POS system. The top part of the window displays the response. If parameters are required, these are entered before transmitting the request. For example, enter 00000000.

Check Complete - check whether the current request has completed.

Last Result - view the result of the last test.

End Session Result - view the result from the last end session.

FOS Status - indicates of the POS is responding.

Run Refresh Now - the ABS Service refreshes the terminal status result etc. every 30 seconds (depending on configuration). This option forces the refresh to occur now.

Refresh Stop - abort a refresh request.
Refresh Start - start a refresh.
View Balance - view the Net POS balance
Get FOS File - request a specified file from the POS. The name to which this should be saved on the mini is also input.
Check History - will check the history for a given date in Parameter (yyyymmddss).
Line Cleaning On - starts line cleaning mode.
Line Cleaning Off - ends line cleaning mode.
Server Training On - set a server to training mode.
Server Training Off - remove a server from training mode.
EFTPoS Enable - if EFTPOS is available then enable it.
EFTPoS Disable - if EFTPOS is enabled will disable it.
Session Status - return the status of the current trading session (as returned from the last refresh).
Terminal Status - return the status of a specified terminal (as returned from the last refresh).
Get Sequences - the mini can hold POS history information for several trading dates and sessions. This option returns a comma specified list of dates on which the mini currently holds trading information.
Get History - lift POS history for a specific date & sequence.
Flag History - tells FOS that the history has been lifted.
Set Update Flag On - set flag to indicate that an extract is in process, thereby preventing some POS functions.
Set Update Flag Off - remove above flag. Used if an extract fails.
Clear Card Trans - clear all card transaction details.
Send Hotcard - send a hotcard file to POS (stolen credit cards etc.).
Check Trading Date - Checks if the date entered as a parameter is the current trading date. If the date entered is not the current trading date, then the correct trading date & sequence are returned. This test is often used with a parameter of '0000000009' (that is an incorrect trading date) to test that NT COMMS are working. If a corrected trading date is returned then NT COMMS are ok.
Start Session - start a trading session.
End Session - end a trading session.
Open Terminal - open a terminal.
Close Terminal - close a terminal.
Reset Terminal - reload a terminal.
Shut Terminals - close all terminals.
Trickle - run a trickle session, transaction data sent to back office.
Extract - send data from back office to terminal.

POS Tools Overview

The POS (Point Of Sales) Tools option allows you to monitor and control the activity of the terminals connected to the system.

Open the Support Tools window. [How ?](#)

Open POS Tools window. [How ?](#)

What would you like to do ?

- [Identify the Terminal](#)
- [Check the Terminal Status](#)
- [Check the Mini Status](#)
- [Check the System Status](#)
- [Reset the TMUX IP Address](#)
- [Clear Session](#)
- [Shut Terminals](#)
- [Flag All Files For Full Extract](#)
- [Extract to POS](#)
- [CDU Apply](#)
- [Uplift POS History](#)

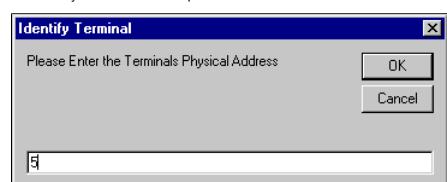
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Identifying the Terminal

Identify Terminal on the [POS Tools](#) window is used to ascertain the terminal I.D. from their physical address on the system.

CLICK THE **Identify Terminal** BUTTON.

The Identify Terminal window opens:



The cursor is already in the field and awaiting the terminals physical address.

For a touch PC system, this is the Network address; for strategic touch, this is the Port number.

ENTER THE TERMINALS PHYSICAL ADDRESS. For example, 5.

CLICK THE **OK** BUTTON.

A window opens displaying the selected Terminal I.D.



In this example, Port 5 is Bar Till 10.

CLICK THE **OK** BUTTON.

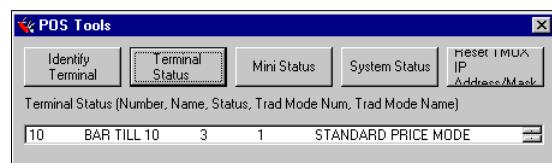
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Terminal Status

Terminal Status on the [POS Tools](#) window is used to ascertain the status of the terminals on the system.

CLICK THE **Terminal Status** BUTTON.

The result is displayed in the status field. For example, 10 Wedge RT1 3 1 STANDARD MODE. Only the status of two terminals may be shown at once. To view subsequent terminals, use the arrows on the right side of the status field.



The terminals on the system are listed showing their number, name, status, trading mode number and trading mode name.

Terminal number - For example, 10 in our example.

Terminal name - For example, BAR TILL 10.

Status number -

0 - Unknown

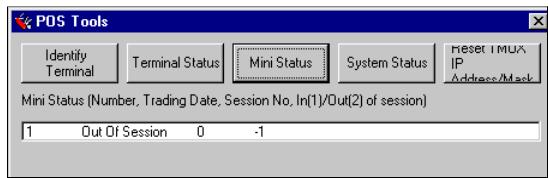
1 - In session

2 - Parked (TPC)

3 - Closed**4 - Closed - Not parked (TPC)****5 - Locked for Update****6 - Locked for End of Day****The Trading mode number and name are configured to the customers requirements, but as an example could be:****1 - Day****2 - Happy Hour****3 - Night**

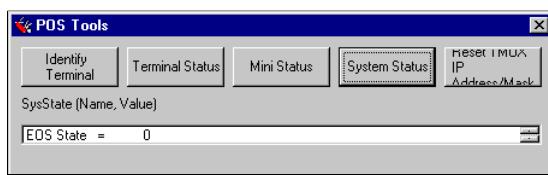
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Mini Status

The Mini Status option on the [POS Tools](#) window is used to ascertain the status of the mini.**CLICK THE Mini Status BUTTON.****The status field displays the mini(s) status for example, 101/10/2005 3 1. Only one mini status is shown at once. To view subsequent mini status, use the arrows on the right side of the status field. (Not shown in our example).****Each mini on the system is displayed. It's number, trading date, session number and a status number (1 - In Session, 2 - Out of Session) is provided.**

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System Status

The System Status option on the [POS Tools](#) window is used to ascertain the status of the system.**CLICK THE System Status BUTTON.****The status field reflects the system status. For example, EOS = 0, TradingDate/Session = 2011100103.****End of Session state - Anything shown except 0 indicates the system has not yet successfully ended session.****TradingDate/Session shows the date in reverse order and the session number. for example 2011100103 represents 2011 October 1st Session number 3.**

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Reset TMUX IP Address/Mask

The [POS Tools](#) window allows the IP address to be re-initialised. After deleting the addresses and re-starting, a new Address & Mask based on the PC's own IP Address. If the IP Address/Mask is missing at start up, there is no connection to the Network.**CLICK THE Reset TMUX IP Address/Mask BUTTON.****A message box prompts the user to restart the PC and reset the TMUX(s) for changes to take effect.****CLICK THE OK BUTTON.**

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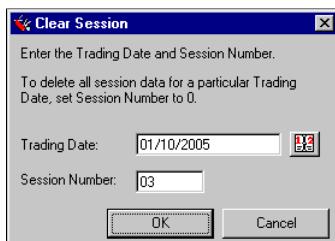
Clear Session

The Clear Session option on the [POS Tools](#) window allows all session data for a particular trading date to be deleted.**Note: The following functions should only be carried out when the system is out of session.****CLICK THE Clear Session BUTTON.**



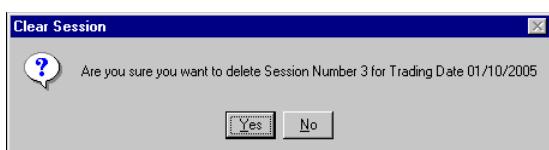
ENTER THE Trading Date. For example, 01/10/2005

ENTER THE Session Number. For example, 03



CLICK THE **OK** BUTTON.

A confirmation window opens:



CLICK THE **Yes** BUTTON.

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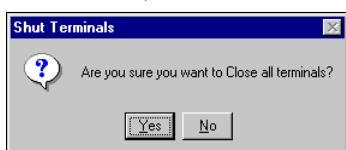
Shut Terminals

Note: The following functions should only be carried out when the system is out of session.

The Shut Terminals option on the [POS Tools](#) window is used to close all the terminals in readiness for End of Session.

CLICK THE **Shut Terminals** BUTTON.

A confirmation window opens:



CLICK THE **Yes** BUTTON.

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Flag All Files for Full Extract

Note: The following functions should only be carried out when the system is out of session.

Flag ALL Files for Full Extract is used prior to perform a Full Extract to POS of updated files. An [extract](#) that sends all .txt files regarding stock items and prices to the terminals is called a Full Extract. It is normally performed when a system is first used for trading. Thereafter, only files that contain changes are sent (for example, price changes, additions or deletions of stock items). To perform a Full Extract, the files must be flagged. To flag all files:

CLICK THE **Flag ALL Files for Full Extract** BUTTON.

The system then selects ALL the files needed by POS and marks them as having been updated, so they are all extracted.

An information window opens to confirm this:



CLICK THE **OK** BUTTON.

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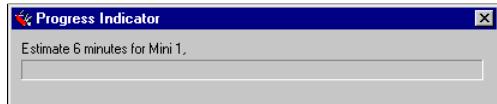
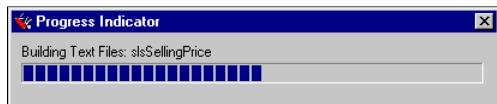
Extract to POS

Note: The following functions should only be carried out when the system is out of session.

To perform an extract (data sent from back office to front office) to the Point Of Sale (POS) system, the files must be flagged first. (Refer to [Flag All Files For Full Extract](#)). Once flagged, to extract to POS:

CLICK THE Extract to POS BUTTON.

The Progress Indicator window fills with coloured squares to indicate the extract progress. It initially builds the text files then displays the estimated time for the extract.



An information window indicates when the data extract has finished.



CLICK THE OK BUTTON.

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CDU Apply

Note: The following functions should only be carried out when the system is out of session.

Central Data Updates are sent down, by modem, to the PC. They must then be updated to the databases used on the system. This is normally an automatic function carried out by the system at start and end of session. The CDU Apply button on the [POS Tools](#) window allows you to carry out this function manually. Text positioning (centre, left, right justification) is retained from the 'Import' process. Unnecessary trailing spaces after filenames, for example, will be lost.

CLICK THE CDU Apply BUTTON.

An information window indicates when the process has finished.



CLICK THE OK BUTTON.

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Uplift POS History

Note: The following functions should only be carried out when the system is out of session.

The second part of the POS Tools window allows you to Uplift POS History manually.



There are fields provided for you to input the information that the system needs to perform the uplift:

Session Date - (Mandatory field) - you must enter the date of the session you wish to uplift in normal date format such as dd/mm/yy

Session Number - (Mandatory field) - the specific session history you require must be entered here. Only one session can be uplifted at a time.

Mini ID number - (default set to zero) - If you do not select a specific Mini ID Number, the system deletes all history for the date and session number entered and uplifts all the POS History for that date/session again. If you have a large system with several minis, this can take a long time. To uplift history from one mini only, you must enter the mini number. This does not delete history and should only be used where a session has not previously been uplifted from the selected mini.

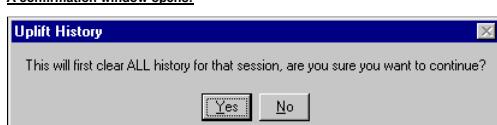
ENTER THE Session Date.

ENTER THE Session Number.

ENTER THE Mini ID Number.

CLICK THE Uplift POS History BUTTON.

A confirmation window opens:



CLICK THE Yes BUTTON.

An information window indicates when the process has finished.



CLICK THE **OK** BUTTON.

Rebuild Stock Sales Tables

The Rebuild Stock Sales tool allows the relationship tables for stock to be rebuilt. This tool may be used in the situations when a session has only been partially trickled, or if sales recipes have been incorrectly set up. It is used if there has been a problem with any sales data during the current auditor's stock period. It recalculates the sales against every stock item for every stock room since the last finalised auditor's stock take. The tool can be used whilst a stock take is in progress.

This tool will rebuild the following tables from the sales tables.

- stkControlRoomSales
- stkControlRoomSalesTemp
- stkTakings
- stkTakingsTemp

Open the Support Tools window. [How ?](#)

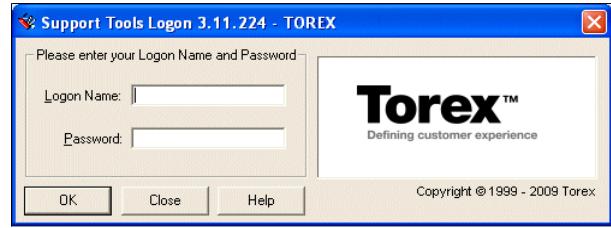
At the ABS-POS window:



CLICK THE Support Tools ICON

Support Tools

A Support Tools Logon window opens:



TYPE YOUR Logon Name.

PRESS 'TAB', OR CLICK ON THE Password FIELD.

TYPE YOUR Password (Your password appears as a row of asterisks.)

CLICK THE OK BUTTON.

After a successful Logon, the Support Tools window opens.

Open the Rebuild Stock Sales Tables window. [How ?](#)

At the Support Tools window:



Rebuild Stock Sales Tables

DOUBLE-CLICK THE Rebuild Stock Sales Tables ICON

-OR- CLICK THE Rebuild Stock Sales Tables ICON AND CLICK THE Select BUTTON.



CLICK THE Rebuild BUTTON.

The records in the four database tables are deleted and the tables re-calculated. Trickle is suspended whilst this process is running.

Registry Settings Overview

The Registry is the database in which configuration information is registered. It contains references to program files ABS-POS uses to run. When the system is upgraded, the program files may change and a new key is inserted into the registry to instruct ABS-POS of the location of the new program file. It is, therefore very important that old keys are not left in the registry. Hence, the need to clean the registry of the old key followed by the re-registering of the new key. By restricting the view to the registry keys, users cannot corrupt registry settings for other windows applications.

What would you like to do ?

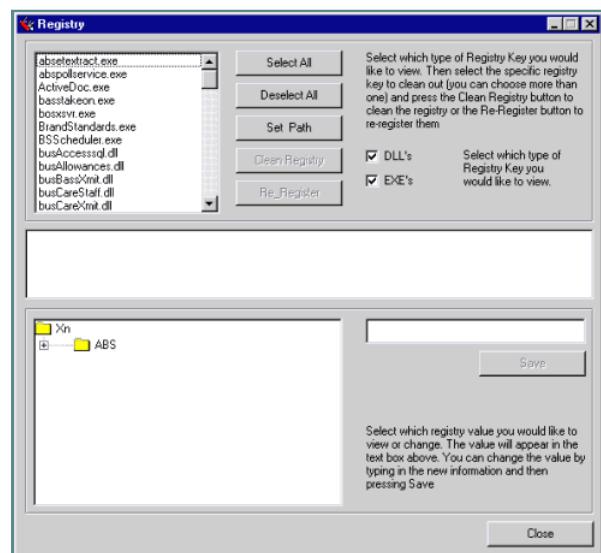
- › [Learn about the window](#)
- › [Set the Registry Path](#)
- › [Clean the Registry](#)
- › [Re-Register Keys](#)
- › [View or Change the Registry Values](#)

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The Registry Settings Window

Open the Support Tools window. [How ?](#)

Open the Registry window. [How ?](#)



At the top left of the window is the File List Box containing a list of all the keys in the ABS directory. You can select an individual key or multiple keys using the Windows multi-select functionality. Once a key or keys have been selected, the Clean Registry and Re_Register buttons become enabled. The middle part of the window displays the outcome of the cleaning and re-registering and is called the Results List Box. The Set Path button allows you to set the path to the ABS program files. The lower part of the window displays the configuration data in the Registry (equivalent to RegEdit). This data is automatically populated when the software is installed. These registry values may be viewed or changed.

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Setting the Registry Path

To view the registry path:

CLICK THE Set Path BUTTON.

The Set Registry Path window opens:



If the correct path is not as shown, locate the path to the ABS program files.

CLICK THE OK BUTTON.

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Cleaning the Registry

The File List Box displays both types of registry keys (DLL's and EXE's) as default, that is, all files in the ABS directory are shown. If required, either all DLL files or all EXE files may be displayed in the File List Box. [How ?](#)

Within the File List Box, you may select individual, several or all files.

Action	What to do
To select all files:	CLICK THE Select All BUTTON. All files are highlighted.
To select an individual file:	CLICK THE DESIRED FILE. The selected file is highlighted.
To select multiple adjacent files:	CLICK THE FIRST FILE REQUIRED. SELECT THE LAST FILE AND PRESS THE Shift KEY AS YOU CLICK.
To select multiple files:	SELECT THE 2ND AND SUBSEQUENT FILES BY PRESSING THE Ctrl KEY AS YOU CLICK.

When the required file(s) have been selected:

CLICK THE Clean Registry BUTTON.

The registry is searched for any references to the files selected in the File List Box. Any references in the registry are deleted. As each registry key is deleted, the name of the registry key is displayed in the Results List Box.

[EXAMPLE](#) of cleaning an individual file.

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Re-registering Keys

Keys can be re-registered after the Registry has been cleaned.

SELECT THE KEY(S) TO RE-REGISTER.

CLICK THE Re_Register BUTTON.

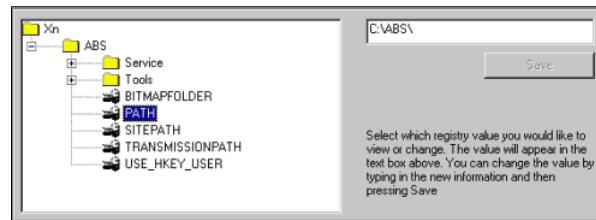
The name of the registry key is displayed in the Results List Box after it has been re-registered.

[EXAMPLE](#) of re-registering an individual file.

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Registry Values

The configuration data in the Registry is stored in a hierarchical form, and keys are the building blocks of this hierarchy. Each key can contain data items called value entries. In the registry structure, keys are analogous to directories, and the value entries are analogous to files.



EXPAND THE FOLDERS UNTIL THE DESIRED KEY IS LOCATED.

When the desired key is highlighted, the registry value (if any), is displayed in the text box on the right. For example, when Path is selected, the registry value specifies the location of ABS-POS root path.

If required, the registry value can be changed.

TYPE IN NEW DATA.

CLICK THE Save BUTTON.

ABS Folder

The ABS Service folder contains keys that provides the communications between a mini and ABS-POS. This service is not required if Touch PC only. A service is installed for every mini attached to ABS-POS and is configured here via the registry. The service is constantly running and is started at boot up by Windows NT. Communication is simultaneous with each mini that is the data is trickled back from each mini at the same time.

[Keys within the Service folder](#)

[Keys within the Tools folder](#)

BITMAPFOLDER - For example, "C:\Abs\Bin\Bitmaps". Specifies the location of bitmaps.

PATH - For example, "C:\Abs\". Specifies the location of ABS root path. All other paths are generated from this.

SITEPATH - For example, "C:\Abs\Site". Points to the directory to hold outlet information - extract files, trk files, logging and so on.

TRANSMISSIONPATH - For example, "C:\\". dbBOS.trnConfiguration.sCommunicationPath will hold "Bos\Files.Tx" where the transmit files will be stored.

USE_HKEY_USER - For example, "0". This key is the Hosted BOS switch. "0" means its switched off. Needs to be set to "0" when normal ABS is selected from installation.

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Transmission File Viewer Overview

A transmission file is a data (text) file containing a collection of **transmission records** in one data stream. The function of this tool is to present the transmitted data in an easier to read format.

What would you like to do ?

- ▶ [Learn about the window](#)
- ▶ [Display a transmission file](#)
- ▶ [Change file type](#)
- ▶ [Change record type](#)
- ▶ [Show the transmission date](#)
- ▶ [Specify dates](#)
- ▶ [Display extra details](#)
- ▶ [Format number columns](#)
- ▶ [View multiple files](#)
- ▶ [Validate the transmit file](#)
- ▶ [Setup validation criteria](#)
- ▶ [Print the transmitted data](#)

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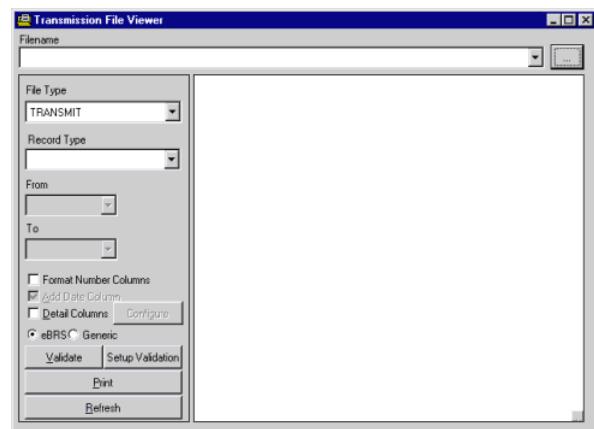
The Transmission File Viewer Window

A transmission file is a data (text) file containing a collection of **transmission records** in one data stream.

Most of the transmission files on ABS are created daily, however some are created weekly, such as RT30 – Dynamic P & L (Staff Hours). These weekly files are setup to output once every week, on the first day of every working week and to contain the previous working week's details. For eBRS and Generic transmissions the first day of the working week is setup as Sunday, and the last day of the working week is Saturday.

Open the Support Tools window. [How ?](#)

Open the Transmission File Viewer window. [How ?](#)



When a transmission file and record type have been selected, the main window displays the transmitted data. Options such as viewing other file or record types, printing, adding a date column, or displaying extra detail columns are all available.

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Selecting Transmission Files

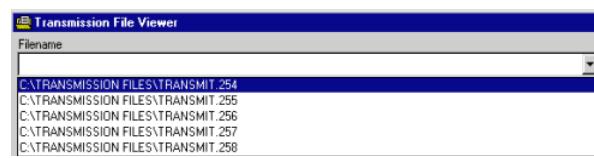
In order to view the outlet transmission data in an easier to read format, both the transmission file and the [record type](#) need to be selected.

There are 3 methods of selecting the transmission file:

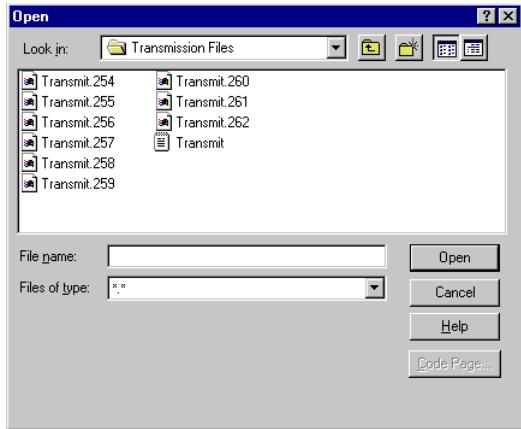
- enter the path and filename of the transmission file to view in the Filename field, for example,



- or, use the Filename drop-down to select a transmission file. These files represent those found in the FILES.TX directory and any previously opened transmission files, for example,



- or, use the Browse button to locate the chosen file. For example,

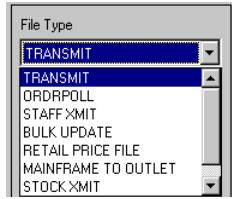


When the transmission file has been selected, the File Type field is automatically populated.

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Selecting File Types

When the transmission file has been selected, the File Type field is automatically populated. The File Type, such as Transmit, Staff Xmit or OrdrPoll, may be changed manually by selecting another type from the File Type drop-down list. For example,

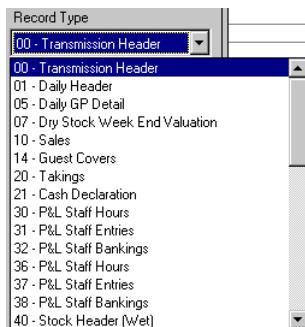


The appropriate [Record Type](#) can then be selected.

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Selecting Record Types

Record types can be chosen from the Record Type drop-down list. The record types available varies according to whether the eBRS (default) or Generic option button is selected. For example, eBRS record types shown below:



When the Record Type has been selected, the main grid is populated with the appropriate data as shown in the example below:

Transmission File Viewer			
Filename: C:\TRANSMISSION FILES\TRANSMIT.TXT			
File Type	Generic Sales Item Code	Base Sales Item Code	Trading A
TRANSMIT	0005	00096	001
	0005	00096	002
	0123	01396	002
	3712	37122	002
	3713	37130	002
	4605	56992	002
	0278	03600	002
	0332	03320	002
	0335	03355	001
	0339	03394	001
	0748	07480	001
	0760	03363	002
	0805	12050	001
	0807	12070	001
	0809	12090	001
	0900	13001	001
	0903	13030	001
	0919	13190	001
	0926	13260	001
	3148	23740	002
	3208	32108	001
	4605	56798	002

The [transmission date](#) can be added to the transmitted data displayed.

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Selecting Dates

To display the Transmission Date column:

CLICK THE Add Date Column CHECK BOX.

A Transmission Date column is displayed in column 1 and is also shown on the printout.

Transmission File Viewer			
Filename: C:\TRANSMISSION FILES\TRANSMIT.TXT			
File Type	Transmission Date	Generic Sales Item Code	Base Sales Item
TRANSMIT	10/09/2005	0005	00096
	10/09/2005	0005	00096
	10/09/2005	0005	00096
	10/09/2005	0123	01396
	10/09/2005	3712	37122
	10/09/2005	3713	37130
	10/09/2005	4605	56992
	11/09/2005	0278	03600
	11/09/2005	0332	03320
	11/09/2005	0335	03355
	11/09/2005	0339	03394
	11/09/2005	0748	07480
	11/09/2005	0760	03363
	11/09/2005	0805	12050
	11/09/2005	0807	12070
	11/09/2005	0809	12090
	11/09/2005	0900	13001
	11/09/2005	0903	13030
	11/09/2005	0919	13190
	11/09/2005	0926	13260
	11/09/2005	3148	23740
	11/09/2005	3208	32108
	11/09/2005	4605	56798

Transmission files that have multiple dates inside them may be further refined by using the date selectors to display records on specific dates.

From	10/09/2005
To	18/09/2005

SELECT START DATE FROM THE From DROP-DOWN LIST.

SELECT END DATE FROM THE To DROP-DOWN LIST.

Transmission File Viewer			
Filename: C:\TRANSMISSION FILES\TRANSMIT.TXT			
File Type	Transmission Date	Generic Sales Item Code	Base Sales Item
TRANSMIT	11/09/2005	0278	03600
	11/09/2005	0332	03320
	11/09/2005	0335	03355
	11/09/2005	0339	03394
	11/09/2005	0748	07480
	11/09/2005	0760	03363
	11/09/2005	0805	12050
	11/09/2005	0807	12070
	11/09/2005	0809	12090
	11/09/2005	0900	13001
	11/09/2005	0903	13030
	11/09/2005	0919	13190
	11/09/2005	0926	13260
	11/09/2005	3148	23740
	11/09/2005	3208	32108
	11/09/2005	4605	56798
	11/09/2005	4652	56966
	11/09/2005	4960	57205
	11/09/2005	4980	56691
	11/09/2005	5080	56534
	11/09/2005	5080	56977
	11/09/2005	5080	56978
	12/09/2005	nnnn	nnnn

Adding Extra Details

Extra columns, not part of the original transmission files may be added to the grid for certain record types if required. This additional information is from a link to the ABS tables. If no extra details are available, the Detail Columns check box is greyed out.

Note: View the transmission files on the same machine that the transmission files were created on.

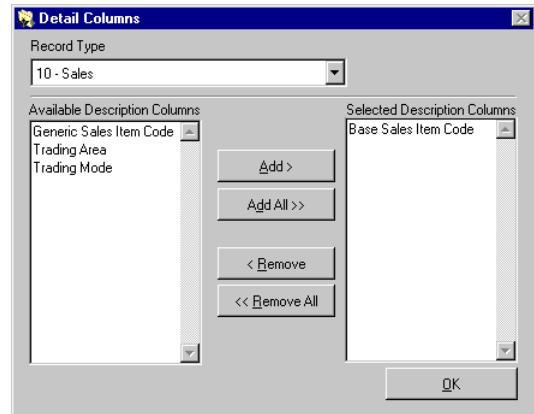
To show other columns:

[CLICK THE Detail Columns CHECK BOX.](#)



[CLICK THE Configure BUTTON.](#)

The extra details columns to display are chosen from the Detail Columns window. This extra information is also shown on the printout.



The Available Description Columns on the left is a list of available descriptions (from the dbPOS database) related to the Record Type selected. The descriptions that are to be displayed in the Transmission File Viewer are shown on the right. Transfer is carried out via a set of four buttons in the middle of the window. These buttons allow descriptions, either individually or all, to be added or removed.

[TRANSFER REQUIRED TABLES](#) for example, Base Sales Item Code.

[CLICK THE OK BUTTON.](#)

[The main display is refreshed with the new selection.](#)

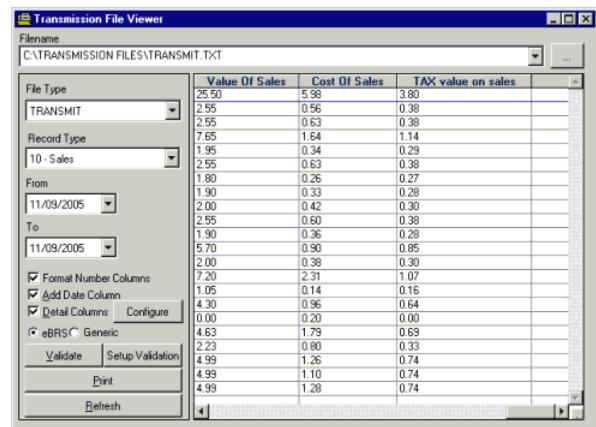
Formatting Number Columns

Number columns may also be formatted to be more readable such as 3.80 rather than 00000380.

To format numbers:

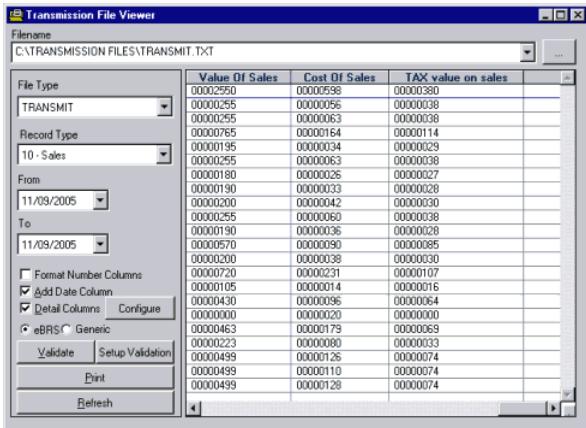
[CLICK THE Format Number Columns CHECK BOX.](#)

Example with number format:



Numbers will show this more readable format on the printout.

The example below shows the same data as above without the Format Number Columns check box selected.

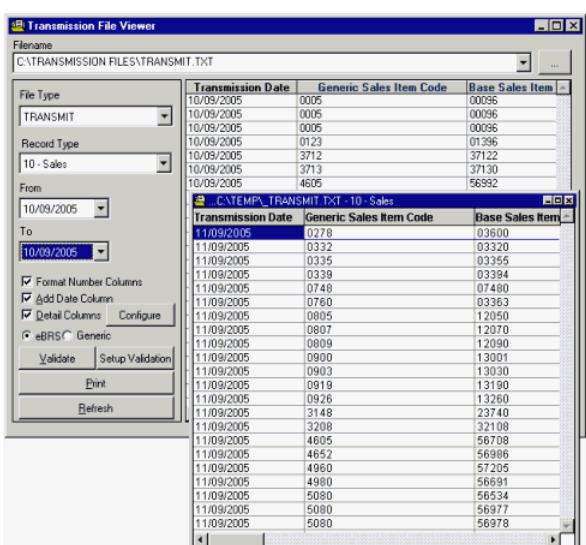


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Viewing Multiple Files

The main grid where all the transmission file output is displayed may be detached into a separate window to allow different transmission files to be compared.
DISPLAY THE TRANSMISSION FILE TO DETACH.

CLICK ON THE GREY BUTTON IN THE BOTTOM RIGHT CORNER.
DISPLAY THE NEXT TRANSMISSION FILE.

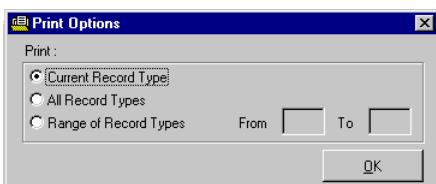


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Printing Files

The Print option allows the user to print the:

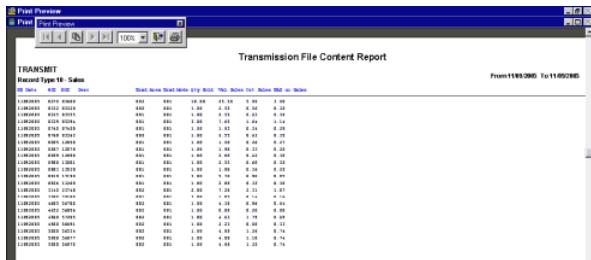
- currently selected record type,
- all record types or
- a range of record types.



SELECT THE APPROPRIATE OPTION.

CLICK THE OK BUTTON.

Before printing, a preview of the print is generated.



CLICK THE PRINT BUTTON.

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Validating Files

The integrity of the data of TRANSMIT type files may be checked.

Selecting the Validate button creates a Validation report based on calculations as detailed in [Setting Up Validation](#).

For example, the following report was generated using the calculation shown below:

Act	RT	Name
	05	Takings EX Tax Wet
+	05	Takings Ex Tax Dry
=		RT05 : Total Takings Ex Vat
	10	Value Of Sales
-	10	TAX value on sales
=		RT10 : Total Takings Excluding Vat
D		Difference :
	05	Cost Total Sales Dry
+	05	Cost Total Sales Wet
=		RT05 : Total Cost Of Sales
	10	Cost Of Sales
=		RT10 : Total Cost Of Sales
D		Difference :

Transmission File Content Report

Validation Report

```

RT05 against RT10
=====
RT05 - Total Takings Ex Vat      = 80.84
RT10 - Total Takings Excluding Vat = 80.84
Difference :                   = 0.00

RT05 - Total Cost Of Sales      = 22.90
RT10 - Total Cost Of Sales      = 22.87
Difference :                   = 0.03

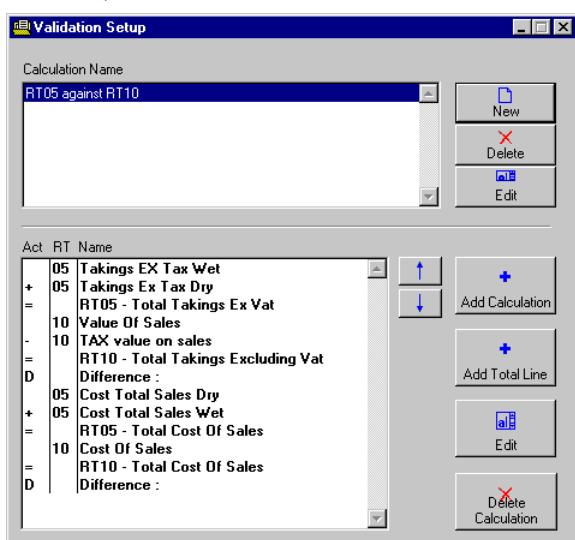
```

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Setting Up Validation

Calculations used to create the Validation reports (checks the integrity of the data of TRANSMIT type files) are set up via the Validation Setup window.

CLICK THE Setup Validation BUTTON



The top section of the window displays the calculations, if any, that have been previously setup. Selecting a calculation displays its components in the bottom section of the window. The calculations can be [amended](#), [deleted](#), [renamed](#) or [new calculations](#) created.

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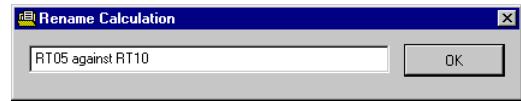
Renaming Calculations

The calculation or the total/difference lines of a calculation can be renamed.

To rename the calculation, from the Validation Setup window:

CLICK THE Calculation Name TO RENAME.

CLICK THE Edit BUTTON. (located in upper section)



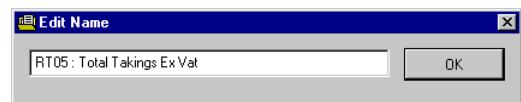
ENTER NEW NAME.

CLICK THE OK BUTTON.

To rename a total/difference line, from the Validation Setup window:

CLICK THE Total/Difference Line TO RENAME.

CLICK THE Edit BUTTON. (located in lower section)



ENTER THE NEW NAME.

CLICK THE OK BUTTON.

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Amending Calculations

Once created, individual components of a calculation can be modified.

From the Validation Setup window:

CLICK THE Calculation Name.

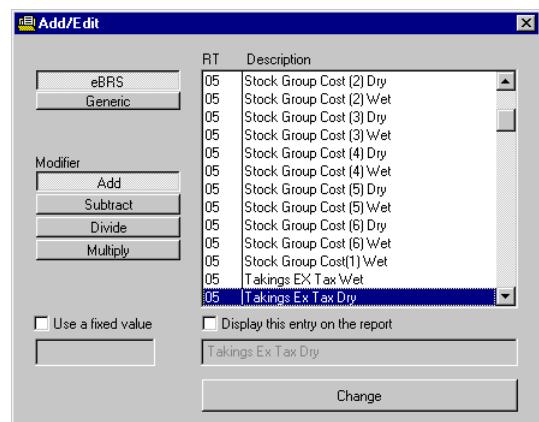
Its components are displayed in the bottom section of the window.

To change a modifier (add, subtract, divide, multiply) or record type field:

CLICK THE Component TO AMEND.

CLICK THE Edit BUTTON. (located in lower section)

The Add/Edit window displays the current settings.



AMEND ENTRY AS REQUIRED.

CLICK THE Change BUTTON.

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Deleting Calculations

The entire calculation or the individual components of a calculation can be deleted.

To delete the entire calculation, from the Validation Setup window:

CLICK THE Calculation Name TO DELETE.

CLICK THE Delete BUTTON.



CLICK THE Yes BUTTON.

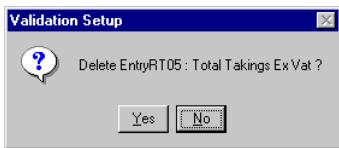
To delete an individual component of the calculation, from the Validation Setup window:

CLICK THE Calculation Name.

Its components are displayed in the bottom section of the window.

CLICK THE Component TO DELETE.

CLICK THE Delete BUTTON.



CLICK THE Yes BUTTON.

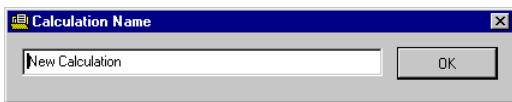
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New Calculations

Calculations are built up of individual components. When creating a new calculation, its name is entered first.

From the Validation Setup window:

CLICK THE New BUTTON.



ENTER THE NAME OF THE NEW CALCULATION.

CLICK THE OK BUTTON.

The calculation name appears in the top section of the window. Each component - record type field, fixed value, total line or difference line is added separately.

Once added, each component can be moved up or down in the calculation using the appropriate arrow buttons.

To move a component of the calculation:

SELECT COMPONENT TO MOVE.

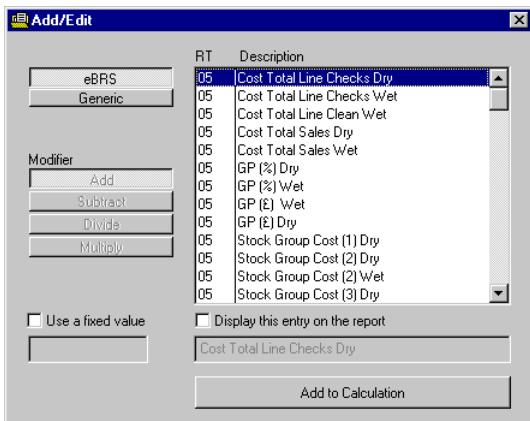
CLICK THE APPROPRIATE ARROW BUTTON.

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Adding a Record Type Component

To add a record type field to a calculation:

CLICK THE Add Calculation BUTTON.



A list of eBRS record types are displayed. For a list of Generic record types,

CLICK THE Generic BUTTON.

The Add modifier is selected as default.

AMEND MODIFIER IF REQUIRED.

SELECT THE REQUIRED RECORD TYPE FIELD.

If this entry is to be displayed on the report:

SELECT THE Display this entry on the report CHECK BOX.

To save the calculation component:

CLICK THE Add to Calculation BUTTON.

The record type component is displayed in the bottom section of the Validation Setup window. The above process needs to be repeated for each record type component required.

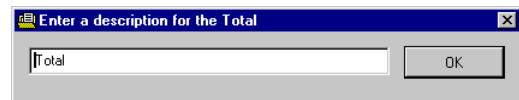
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Adding a Total/Difference Line

Note: A total can only be added if there are previous calculation components.

To add a total line to a calculation:

CLICK THE Add Total Line BUTTON.



ENTER A DESCRIPTION.

CLICK THE OK BUTTON.

A calculation can be created to show the difference between two totals.

On adding the second and subsequent total lines, a check box is provided. This check box, labelled 'Also show the difference between this total and the previous one' is selected as default.



ENTER A DESCRIPTION.

CLICK THE OK BUTTON.

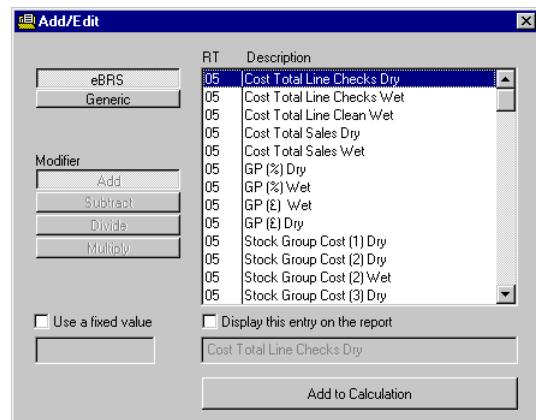
A total line and a difference line are added to the calculation and report. The difference line shows the variance between the two totals. If the check box is cleared, only a total line is added.

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Adding a Fixed Value

To add a fixed value to a calculation:

CLICK THE Add Calculation BUTTON.



The Add modifier is selected as default.

AMEND MODIFIER IF REQUIRED.

SELECT THE Use a fixed value CHECK BOX.

ENTER IN THE FIXED VALUE.

If this entry is to be displayed on the report:

SELECT THE Display this entry on the report CHECK BOX.

To save the calculation component:

CLICK THE Add to Calculation BUTTON.

This component is added to the bottom section of the Validation Setup window.

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Transmission Files

The Transmission Files are used to create a text file containing a full set of transmission records for an outlet and is used to recover valid data in the event of a failure to transmit the sales transactions to the sales tables. Transmission usually occurs periodically throughout the trading session and at end session. You do not need to end session to create these files.

Open the Support Tools window. [How ?](#)

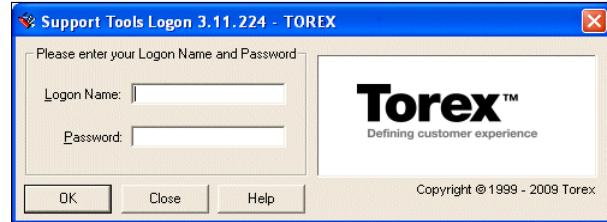
At the ABS-POS window:



[CLICK THE Support Tools ICON](#)

Support Tools

A Support Tools Logon window opens:



[TYPE YOUR Logon Name.](#)

[PRESS 'TAB', OR CLICK ON THE Password FIELD.](#)

[TYPE YOUR Password.](#) (Your password appears as a row of asterisks.)

[CLICK THE OK BUTTON.](#)

After a successful Logon, the Support Tools window opens.

Open the Transmission Files window. [How ?](#)

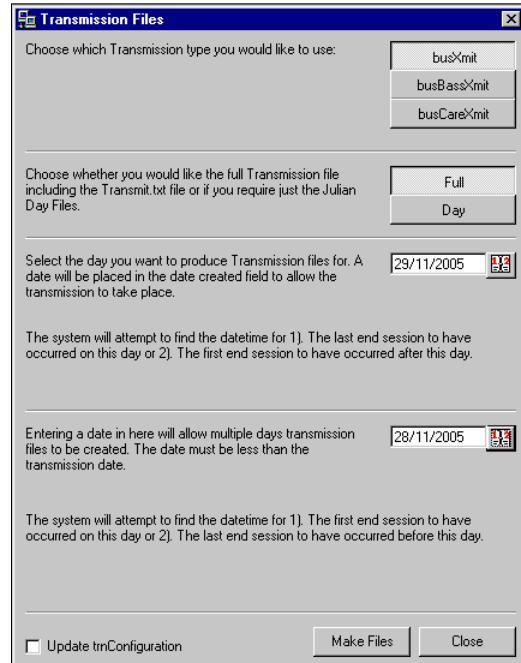
At the Support Tools window:



[DOUBLE-CLICK THE Transmission Files ICON](#)

Transmission
Files

[-OR- CLICK THE Transmission Files ICON AND CLICK THE Select BUTTON.](#)



A transmission file is a data file made up of a collection of transmission records. The individual records to be created for the file are configured in the table 'tmGenerate'. There are three kinds of transmission files:

TRANSMIT.nnn - The extension represents the number of days between 1st January and the date for which the file is being created. These are known as the Julian Day Files.

TRANSMIT.TXT - This includes data from every session within a trading day and comprises one or more Day Number files.

TRANSMIT - Contains identical data to TRANSMIT.TXT but has had all carriage returns / line feeds stripped out.

There are four areas to complete in order to transmit files:

Transmission type to use - 3 types of busXmit types are available. The second type is for eBRS configuration sites only.

Full or Day - Full set or just the Julian Day Files.

Start Date for transmission files - if busCareXmit is selected, a session field allows for entry of session number.

End Date for transmission files - if busCareXmit is selected, a session field allows for entry of session number.

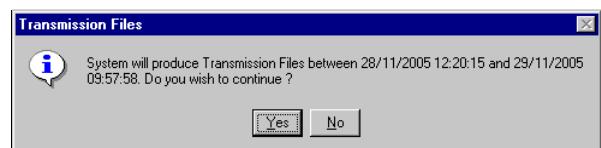
For example, to create transmission files for the 29th November 2005 only, enter 29/11/2005 for the Start date and 28/11/2005 for the End date.

The Update tmConfiguration check box is usually left unchecked.

SELECT OPTIONS AS REQUIRED.

When the options have been selected, to generate the files:

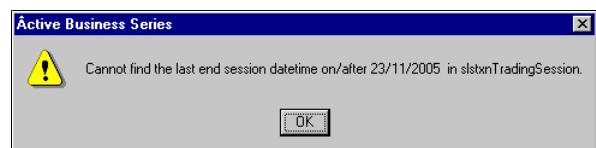
CLICK THE [Make Files](#) BUTTON.



To confirm this action:

CLICK THE [Yes](#) BUTTON.

If the system cannot find these end session datetimes, an error message is displayed:



CLICK THE [OK](#) BUTTON.

Validate Tables

The Validate Tables tool validates data integrity between tables, that is, each record in a relational table should match. If they do not, then an error is reported.

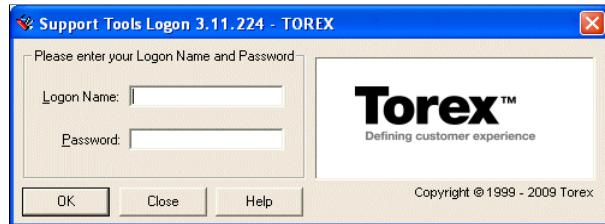
Open the Support Tools window. [How ?](#)

At the ABS-POS window:



[CLICK THE Support Tools ICON](#)

A Support Tools Logon window opens:



TYPE YOUR Logon Name.

PRESS 'TAB', OR CLICK ON THE Password FIELD.

TYPE YOUR Password. (Your password appears as a row of asterisks.)

CLICK THE OK BUTTON.

After a successful Logon, the Support Tools window opens.

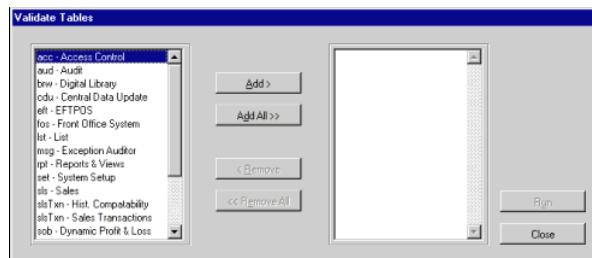
Open the Validate Tables window. [How ?](#)

At the Support Tools window:



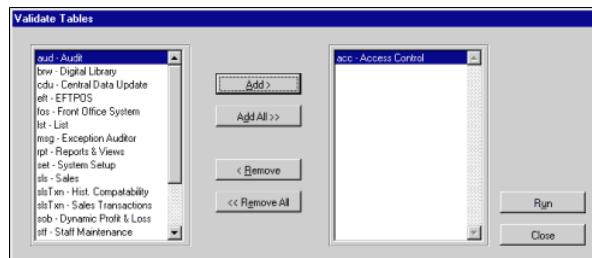
[DOUBLE-CLICK THE Validate Tables ICON](#)

-OR- CLICK THE Validate Tables ICON AND CLICK THE Select BUTTON.



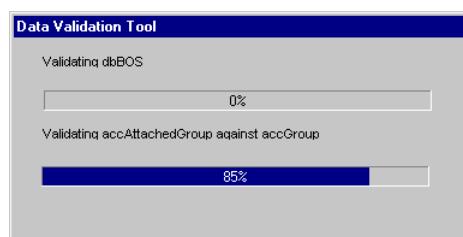
The text field on the left is a list of available tables in the dbBOS database. Those that are to be validated are displayed on the right. The transfer of available tables is carried out via a set of four buttons in the middle of the window. These buttons allow tables, either individually or all, to be added or removed.

TRANSFER TABLES TO VALIDATE. For example, acc - Access Control.

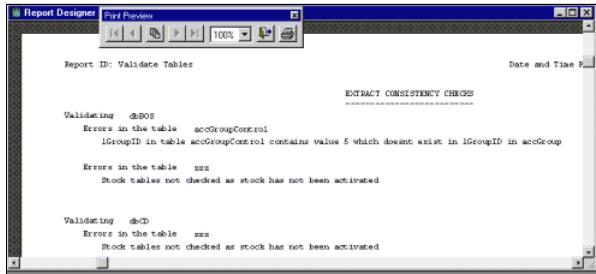


CLICK THE Run BUTTON.

The Data Validation Tool window opens to indicate the progress of the process.



Whenever a field on any of the acc - Access Control group tables refers to an ID in another table, they are checked against each other. Any errors are displayed. For example, the IUserID field is common to several tables within the acc - Access Control group. The following errors were found in the accGroupcontrol table in our example.



The accPasswordHistory and accUser tables as viewed using the Browse Databases tool, showed that the accPasswordHistory table contained other records with UserID numbers that are not present on the accUser table.

The screenshot shows two tables from the 'Browse Databases' tool:

accUser.db005			
UserID	sFirstName	sSurname	sU
1	XN	Corporation	XN

accPasswordHistory.db005		
UserID	sPassword	tDateChanged
1	egis3	21/08/2005 09:32:1
2	1313	20/08/2005 15:22:3
4	1234	24/08/2005 09:27:3
6	MAN1	21/08/2005 16:57:2

When the stock tables are selected for validation, the tool also checks the following:

- Sales Item Recipes are correctly configured.
- Sales Items having no recipe.
- Products without a recipe.
- Units of measure used in sales item recipes and product recipes.