MYOB EXO BUSINESS

8.2.0.0

Release Notes

EXO BUSINESS

MYOB ENTERPRISE SOLUTIONS

Contents

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Introduction

What's New in this Release?

The focus of the 8.2.0.0 release is on providing enhancements to the data analysis and reporting capabilities of the EXO Business system. This release also addresses issues identified by users and business partners.

The purpose of this document is to provide essential information on the installation and use of this release:

- The **Installation** section provides an overview of the installation process, including pre-installation requirements and post installation steps.
- The **New Features** section describes all new features introduced in this release.
- The **Resolved Issues** section describes all issues that have been addressed by this release.
- The **Known Issues** section details any issues in this release that have been identified as requiring attention.

Installation

Pre-Install Requirements

Minimum system requirements for PCs running MYOB EXO Business components are detailed below.

Note: See the Minimum System Requirements document, available on the **MYOB website**, for full details on requirements and supported operating systems.

The performance of the EXO Business system is not assured if these requirements are not met. Similarly, performance cannot be assured if the EXO Business system is installed on a server that is already under load from other processes, or a RDBMS that is not suitable for the organization's volume of data (see notes on SQL Express below).

Database Server

Any server where an MYOB EXO Business database is installed should meet the following minimum requirements:

- Windows Server 2003, Windows Server 2008
- The latest Service Pack for the Windows operating system
- Intel Pentium® 4 2.4Ghz processor (or equivalent)
- 2 GB RAM
- 20 GB of hard disk space + 10 MB per user
- Microsoft Data Access Components (MDAC) 2.8 or later
- A supported version of Microsoft SQL Server:
  - Microsoft SQL Server 2005/SQL 2005 Express Edition
  - Microsoft SQL Server 2008/SQL 2008 Express Edition
- The latest Service Pack for the version of SQL Server you are using

SQL Server

Microsoft SQL Server must be present on the EXO Business database PC before the database is installed. The Installation Wizard can install SQL Server 2005 Express Edition (SQL Express) as part of the installation process. If you want to use a different edition of SQL Server, make sure it is installed before running the Installation Wizard. Whichever version of SQL Server you use, it must be set up to use Mixed Mode authentication.

The blank and demo databases supplied with EXO Business have their compatibility levels set to “SQL Server 2005 (90)”. When upgrading from a previous version of EXO Business, database compatibility levels are updated automatically.

See the following web page for information on compatibility levels:

http://www.mssqltips.com/tip.asp?tip=1436

SQL Express

SQL Express may not be suitable for businesses with many users. SQL Express has limits on the amount of RAM and number of processors it can use, which affects the number of concurrent users that the EXO Business database can support. See the following MSDN article for more information:

http://msdn.microsoft.com/en-us/library/ms165672.aspx

SQL Server 2000

SQL Server 2000 is not supported as a platform for EXO Business 8.2.0.0 and later. The EXO Business database upgrade **will not proceed** if SQL 2000 is detected.

Client Workstation

Any client workstation running the MYOB EXO Business application modules should meet the following minimum requirements:

- Windows XP Professional, Windows Vista Business, Windows Vista Enterprise, Windows Vista Ultimate, Windows 7
- The latest Service Pack for the Windows operating system
- Intel Pentium® 4 1.3 GHz processor (or equivalent)
- Hard disk space as required for the operating system
- 16-bit colour, 1024×768 screen resolution

Other Requirements

Certain features of MYOB EXO Business require one or more of the following:

- Internet access
- Microsoft Internet Explorer 7.0 or later
- Adobe® Acrobat Reader 7.0 or later

Microsoft Office connection requires Microsoft Word/Excel 2000 to 2010

Contact synchronisation requires Microsoft Outlook 2002 to 2010

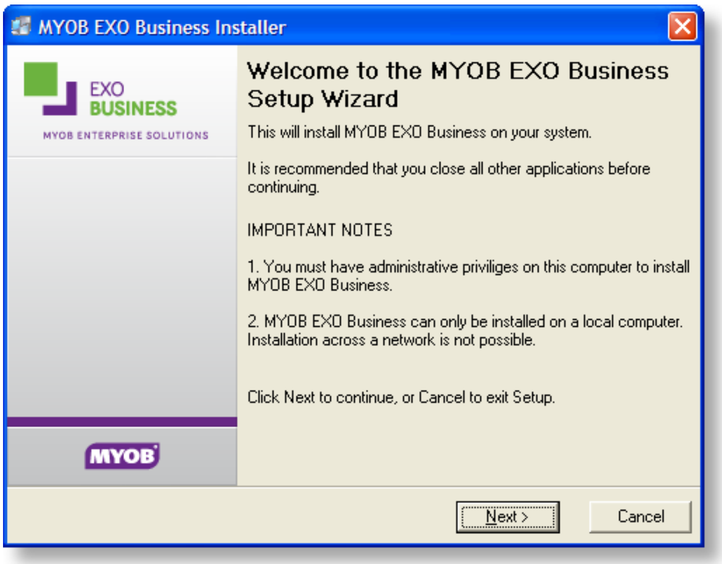
MYOB EXO Business 8.2.0.0 requires Exonetlib.dll version 1.6.0.0 or later. Version 1.6.0.0 ships with this release.

Installing MYOB EXO Business

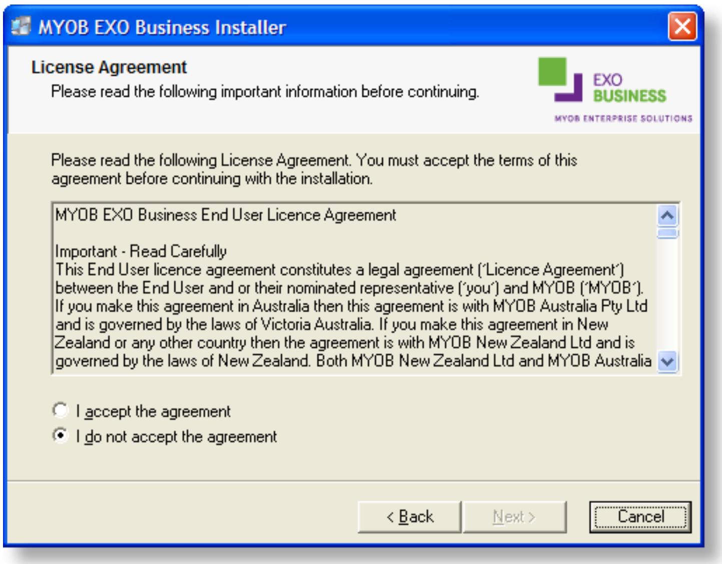
Note: Before you install this release, we recommend you take the precaution of backing up your data. Ensure there are no EXO Business modules running, locally or on your network.

To perform the installation:

1. Insert the MYOB EXO Business CD and select **Install MYOB EXO Business** on the Install tab. If the install menu does not run automatically, run the **ExoBusinessInstaller.exe** program in the **Supporting Files** directory of the CD.
2. Click **Next** on the Welcome screen.



3. Read the licence agreement, then select **I accept the agreement** and click **Next**.



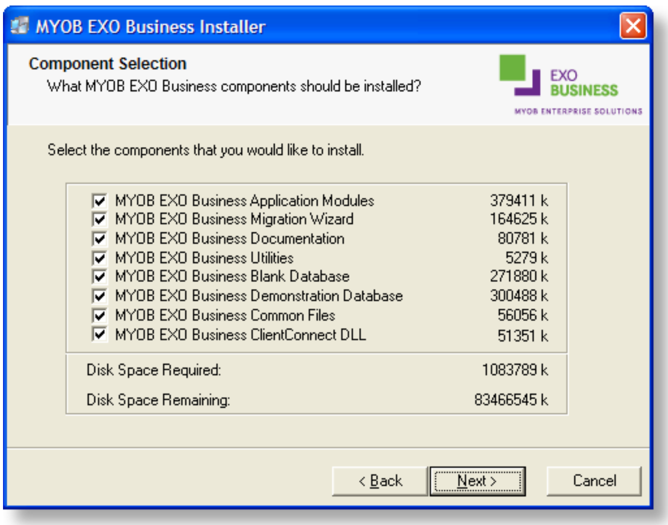
4. Select the country you are based in and click **Next**.

Note: Your selection here affects certain country-specific default settings that are set up during the install, e.g. tax rates and banks.

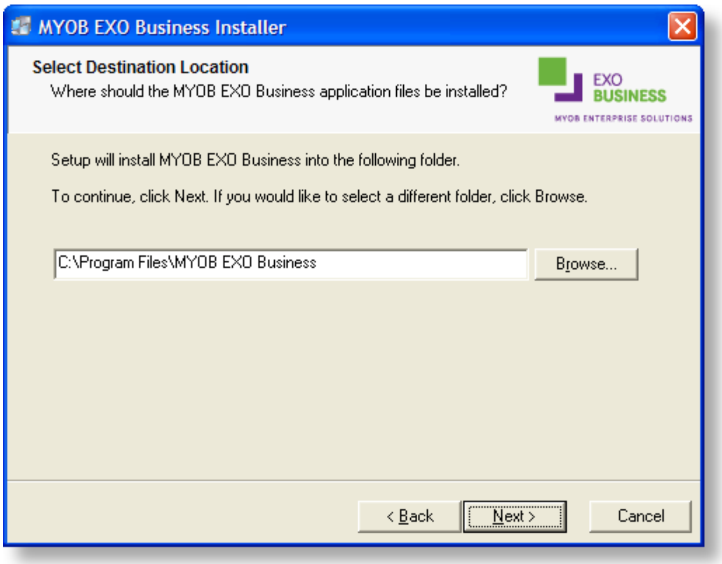
5. Select the components to install. Choose from:

- MYOB EXO Business Application Modules
- The Migration Wizard
- Documentation files
- EXO Business utilities
- A blank “live” MYOB EXO Business Database
- A pre-configured demonstration database
- EXO Business Common Files
- The DLL required for integration with MYOB EXO ClientConnect

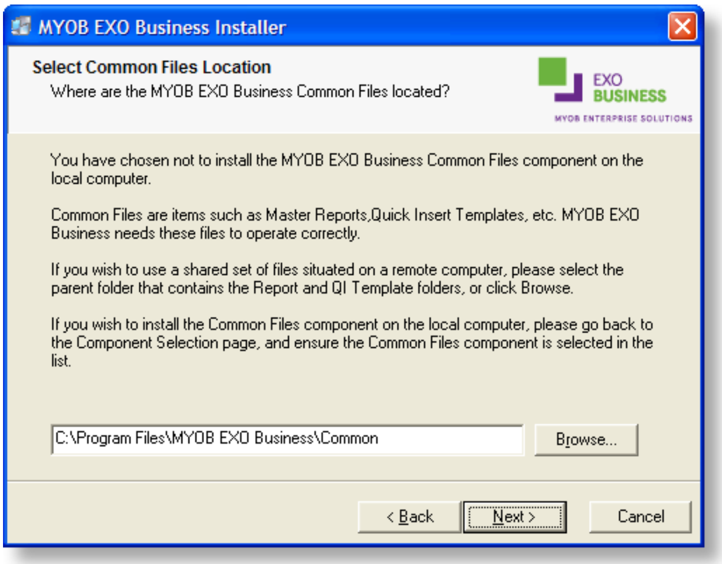
Click **Next** to continue.



6. If you chose to install the MYOB EXO Business Application Modules, click **Browse** to choose the directory where you want to install the program files, then click **Next**.



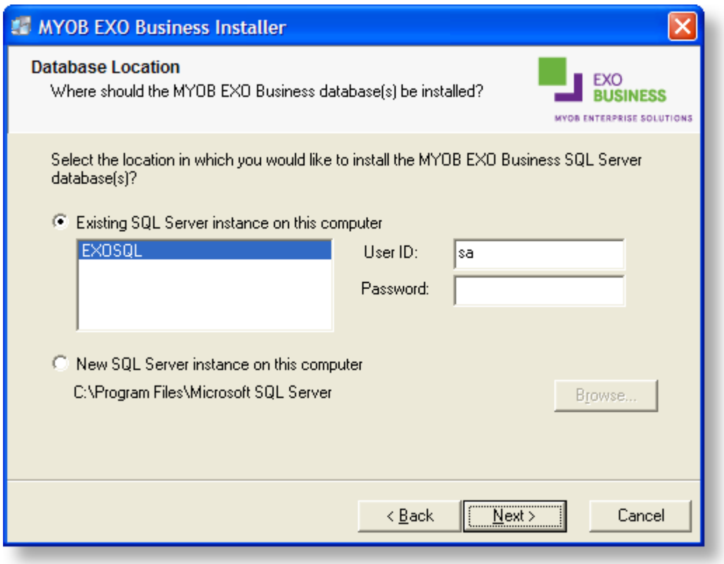
7. If the MYOB EXO Business common files are not installed on this PC, click Browse to choose the directory where the common files are located, then click **Next**.



8. If you chose to install the MYOB EXO Business Database components, you must specify where to install the database:

   - To install on an existing SQL Server instance, select the instance and enter a user ID and password for that instance.
   - To create a new instance for the installation, select **New SQL Server instance on this compute**r, then click **Browse** to choose the location of the new instance. This will install SQL Server 2005 Express Edition.

   Click **Next**.



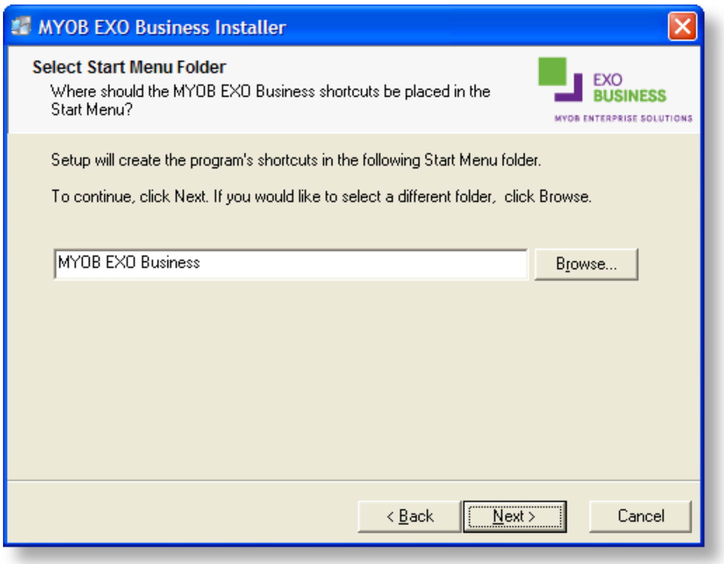
Note: The installer may appear unresponsive while it tries to detect SQL Server instances on the PC (this process may take a minute or more). Do not cancel the installer; simply wait until the detection operation is complete.

If you select to install a new instance of SQL Express, the logon details for the new instance will be:

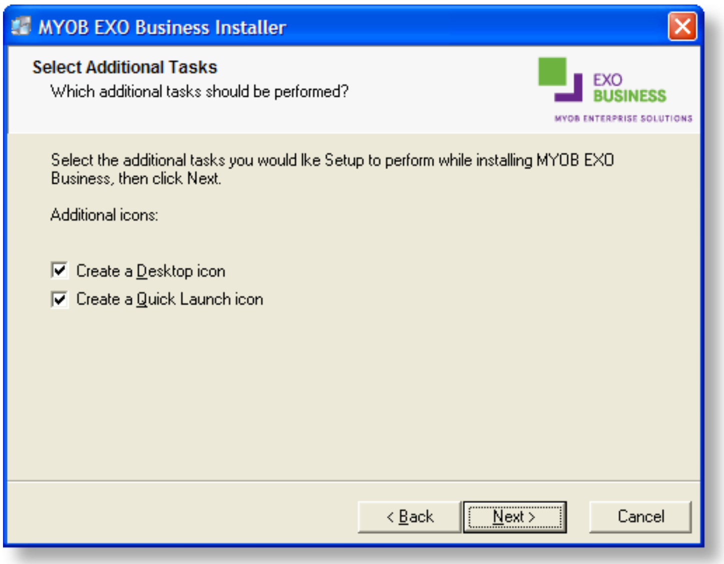
- Username: **sa**
- Password: **$ExoAdmin7000**

You will need to supply these details when migrating data, or if you want to connect to the SQL Express instance for any other reason.

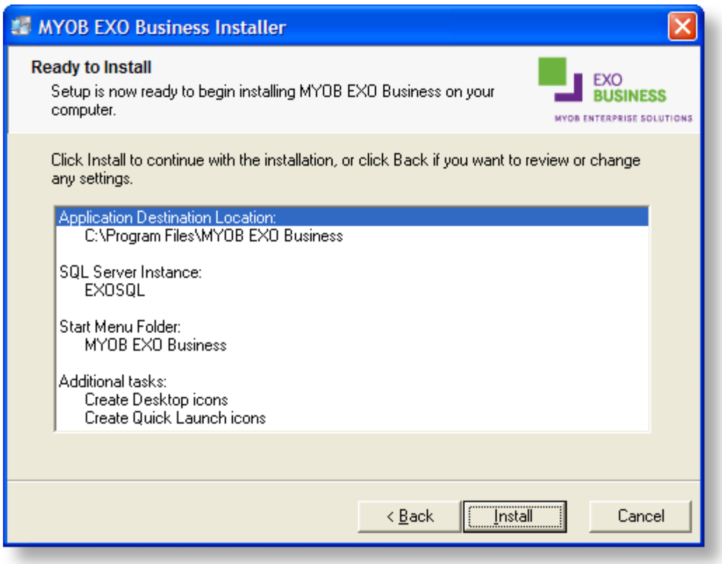
9. Click **Browse** to choose where the MYOB EXO Business shortcuts should be located in the Windows Start menu, then click **Next**.



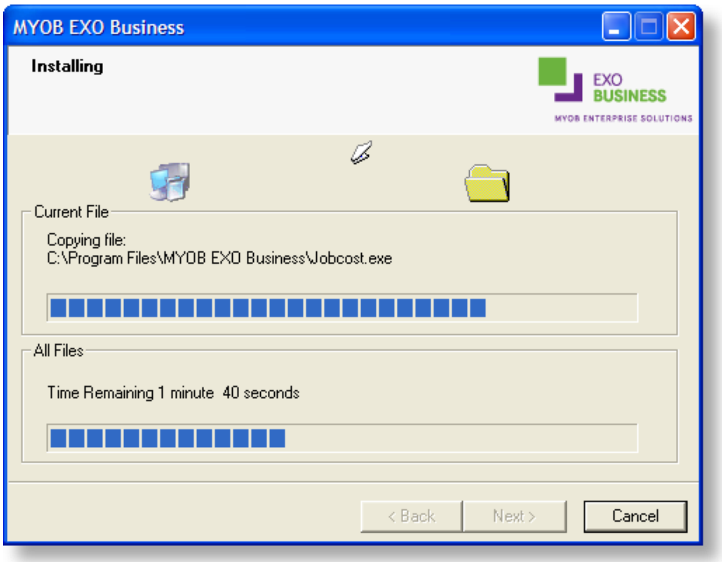
10. If you want to create a desktop icon or Quick Launch icon for MYOB EXO Business, tick the relevant box(es), then click **Next**.



11. The installation is ready to begin. Review the details and click **Install** to proceed. If you need to change any details, click **Back** to return to the previous screen and change your selections.

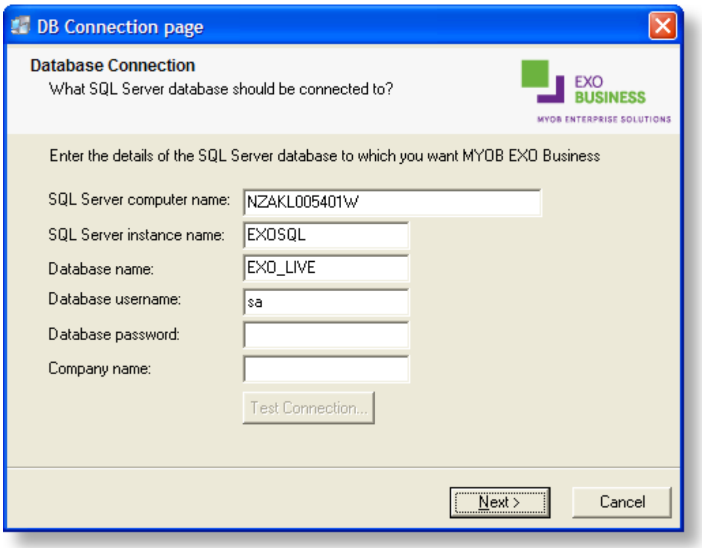


12. The installation progress is displayed.



Note: During installation, other windows may appear if SQL Express is being installed.

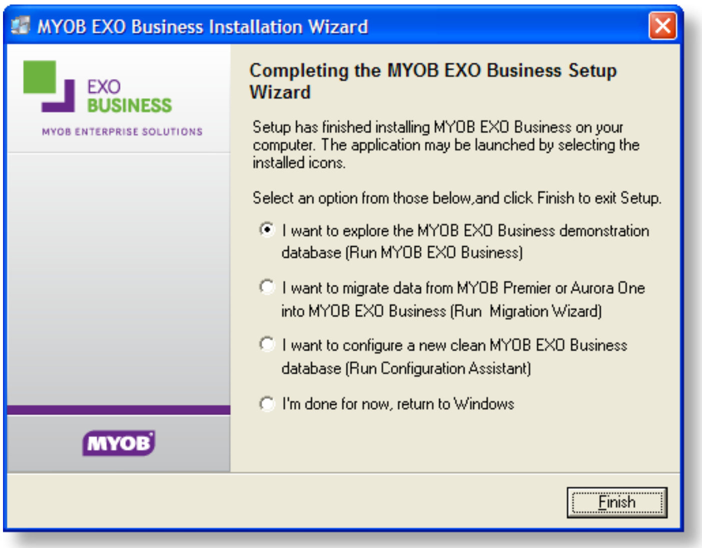
13. If you chose to install the application modules but not the database components on this PC, you must enter the details of the database once the installation has completed. Click **Test Connection** to check that the details you have entered work. If the test passes, click **Next**.



Note: Once a computer successfully connects to the database, a Computer profile is created for it in EXO Business Config.

14. The installation is now complete. Choose what to do next and click **Finish**:

- Run MYOB EXO Business to explore the demonstration database.
- Return to Windows.
- Run the Migration Wizard to migrate data from an existing MYOB Premier or Aurora One installation into MYOB EXO Business.
- Run the Configuration Assistant to set up your new MYOB EXO Business database.



Post-Installation

Once MYOB EXO Business software is installed, it must be configured for use. Optionally, data can be migrated into the EXO Business system from another MYOB product. The configuration and migration processes are detailed in the *MYOB EXO Business Implementation Guide*.

Logging in to EXO Business

New MYOB EXO business databases are installed with one or more default user accounts. When logging in to EXO Business for the first time, you must supply the following login details.

For a new blank database (EXO_LIVE):

- Default admin user = ExoAdmin
- Default admin password = ExoAdmin

For the demonstration database (EXO_DEMO):

- Default admin user = ExoAdmin
- Default admin password = ExoAdmin
- Default demo user = demo
- Default demo password = DEMO

Note: All login details are case-sensitive.

New Features

Important Upgrade Notices

The version number of **Exonetlib.dll** has increased from 1.5.0.0 to 1.6.0.0 in this release. When upgrading, make sure to install and register the upgraded DLL.

SQL Server 2000 is no longer supported—the EXO Business database upgrade will not proceed if SQL Server 2000 is detected.

When upgrading from a previous version of EXO Business, database compatibility levels are automatically updated to “SQL Server 2005 (90)”.

Dashboard Improvements

The EXO Business Dashboards interface has been reworked to improve usability and increase the possible methods of displaying data on Dashboards. Significant changes have been made to the “widgets” that make up the Dashboard display: new types of widgets have been added, and improvements have been made to how they are docked an arranged on the Dashboard display.

Widgets

Dashboard widgets are dockable, resizable frames containing a range of user definable content. Four types of Dashboard widget are now available:

- Clarity widgets – widgets that display a Clarity report (see page 13).
- URL widgets – widgets that display the target of a URL, e.g. a web page or a local file (see page 14).
- Pivot widgets – widgets that display SQL data in a pivot table (see page 15).
- Grid widgets – widgets that display SQL data in a standard ExoGrid (see page 17).

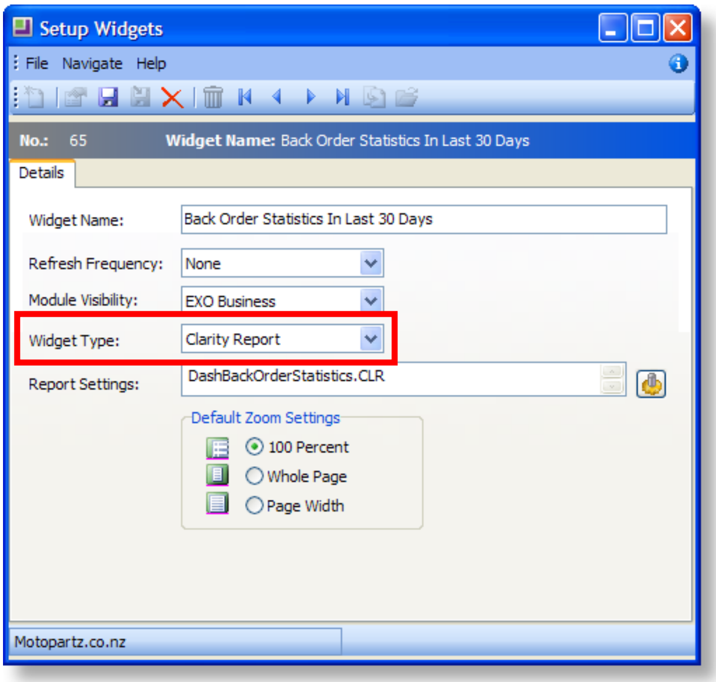
Several new System widgets are also available. These are special-purpose widgets created by MYOB for use in the new EXO Business Analytics module (see page 23). They cannot be edited or customised.

As in previous versions, widgets can be created on the Setup Widgets window (previously named Setup Dashboards). Widgets can now be set up in EXO Business Config as well, in the new **Admin > Dashboards > Setup Widgets** section.

Clarity Widgets

Clarity widgets are the same Dashboard widgets that existed in previous versions. As in previous versions, they display a Clarity report. To create a new Clarity widget:

1. Open the Setup Widgets window.
2. Click **New**.



3. Select “Clarity Report” for the **Widget Type**.
4. Specify the Clarity report file for the widget to display.
5. Select the EXO Business module that this widget should be available for, or select “<All>”.
6. Select the default zoom settings for the report.
7. Enter a name for the widget and save.

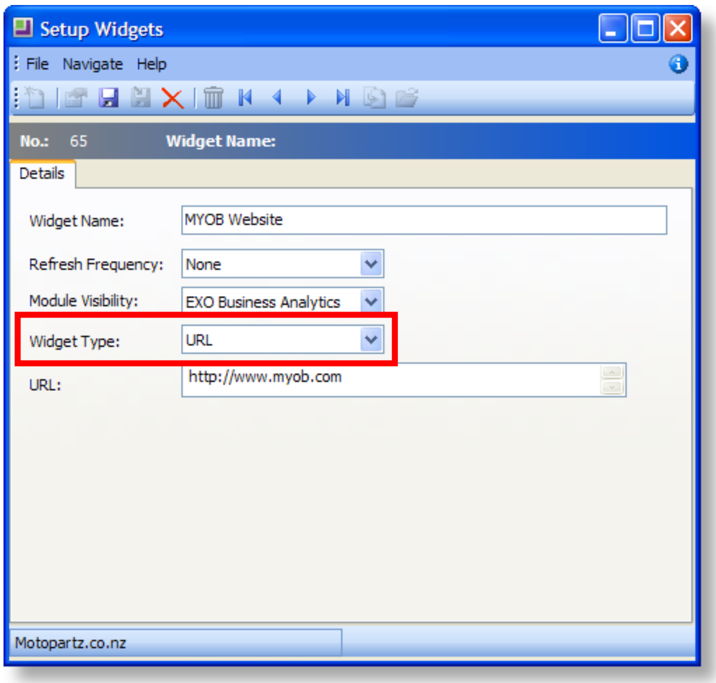
URL Widgets

URL widgets are a new type of Dashboard widget. They display the target of a URL; this could be a web page or a local file.

Note: To reload the URL, select **Refresh** from the dropdown menu on the widget's title bar (accessed by clicking the icon).

To create a new URL widget:

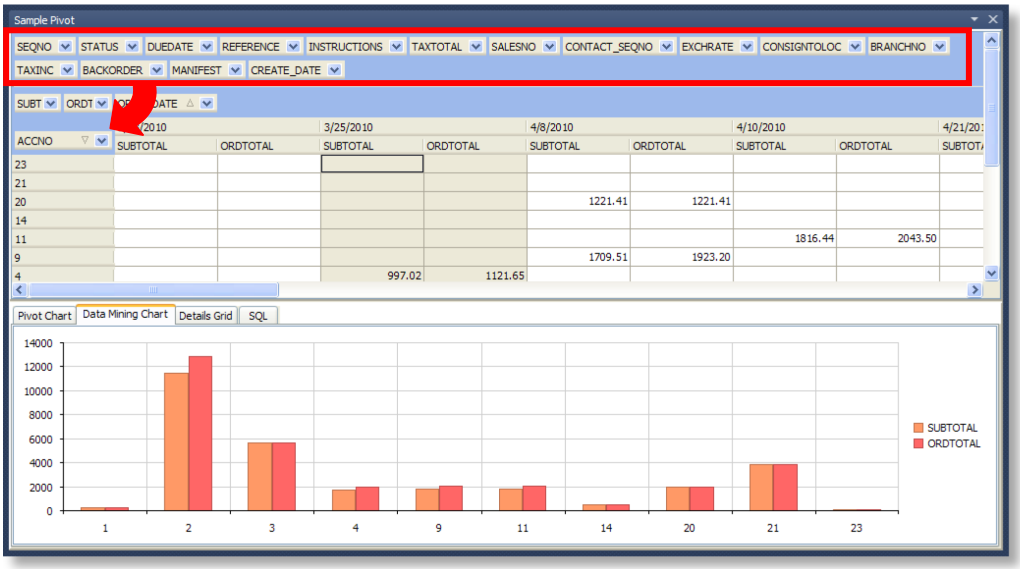
1. Open the Setup Widgets window.
2. Click **New**.



3. Select "URL" for the **Widget Type**.
4. Specify the full URL of the web page or file that the widget will display. For example:
    - http://www.myob.com
    - file://c:/Data/Spreadsheet.xls
5. Select the EXO Business module that this widget should be available for, or select "<All>".
6. Enter a name for the widget and save.

Pivot Widgets

Pivot widgets are a new type of Dashboard widget. They take data from the EXO Business database and display it in a pivot table:

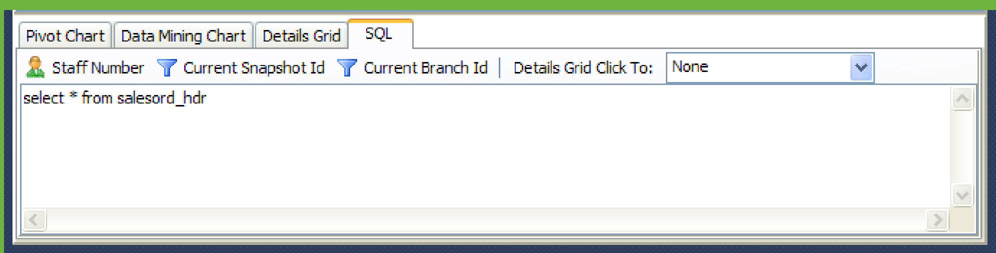


Note: Pivot table widgets can make use of the new data views added in this release. See "Fact Views" on page 26 for more information.

To customise the pivot table, drag and drop fields from the top section of the widget into the table below. The data is displayed in the pivot table. Tabs at the bottom of the widget provide additional ways of viewing the data:

- Data from the currently selected row, column or cell is displayed in graph form on the Pivot Chart tab.
- Data for the entire pivot table is displayed in graph form on the Data Mining Chart tab. Clicking on the graph drills in to the data to show more detail (right-click to zoom out again).
- Data from the currently selected row, column or cell is displayed as a basic grid on the Details Grid tab.

Note: If the new **Edit Pivot Widget SQL at runtime** User-level profile setting is enabled, a SQL tab is also available. This tab allows you to view and edit the SQL statement used to select the data:



Right-clicking on the top section of the widget opens a context menu with the following options:

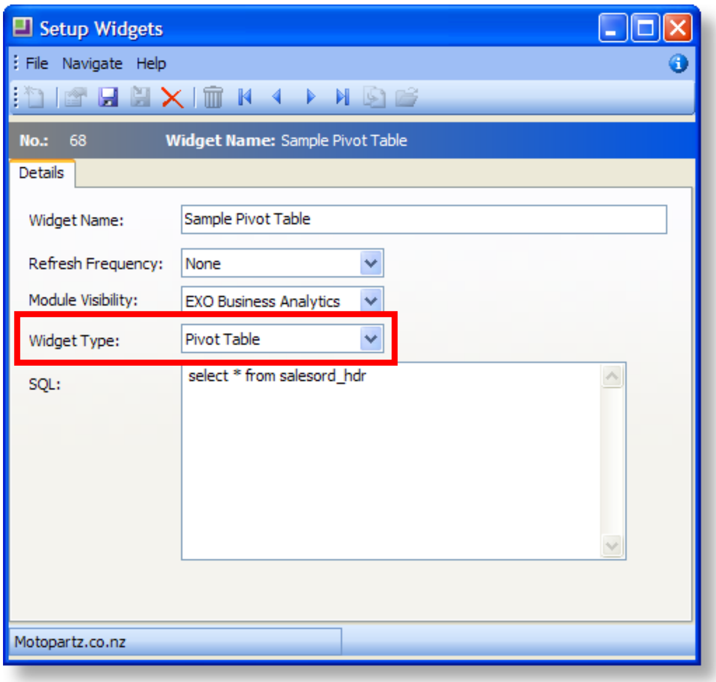
- Show Field List – opens a small window for customising the list of fields in the top section. Fields can be dragged to and from this window to edit the list.
- Show Prefilter Dialog – opens a filter builder window (similar to filter windows used elsewhere in EXO Business) for filtering the data in the pivot table.

Right-clicking on a field on the pivot table provides options to group or summarise that field's data.

The dropdown menu on the widget's title bar (accessed by clicking the icon) contains options for exporting the contents of the widget and customising the display of the data.

To create a new Pivot widget:

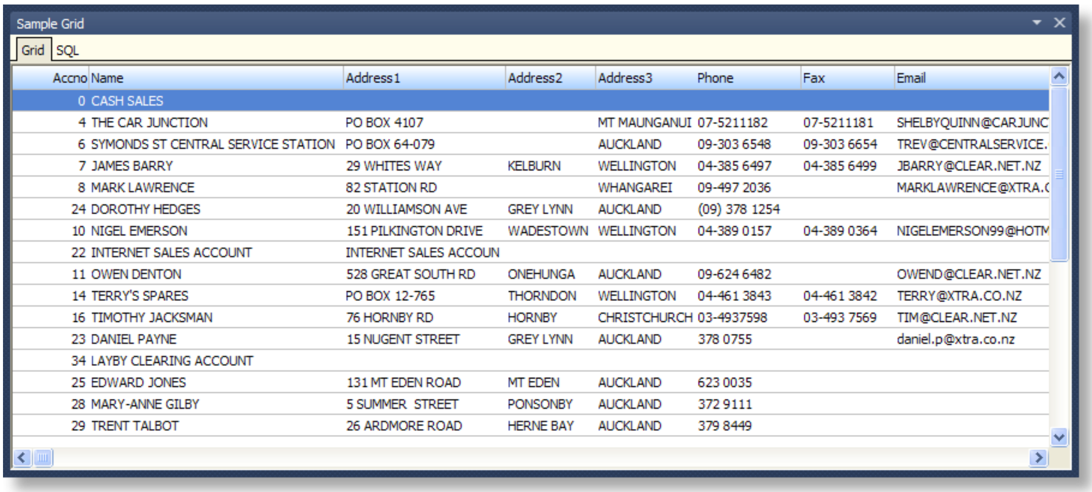
1. Open the Setup Widgets window.
2. Click **New**.



3. Select "Pivot Table" for the **Widget Type**.
4. Enter a SQL statement to select the data to display into the **SQL** field.
5. Select the EXO Business module that this widget should be available for, or select "<All>".
6. Enter a name for the widget and save.

Grid Widgets

Grid widgets are a new type of Dashboard widget that take data from the EXO Business database and display it in a standard ExoGrid:



Sample Grid

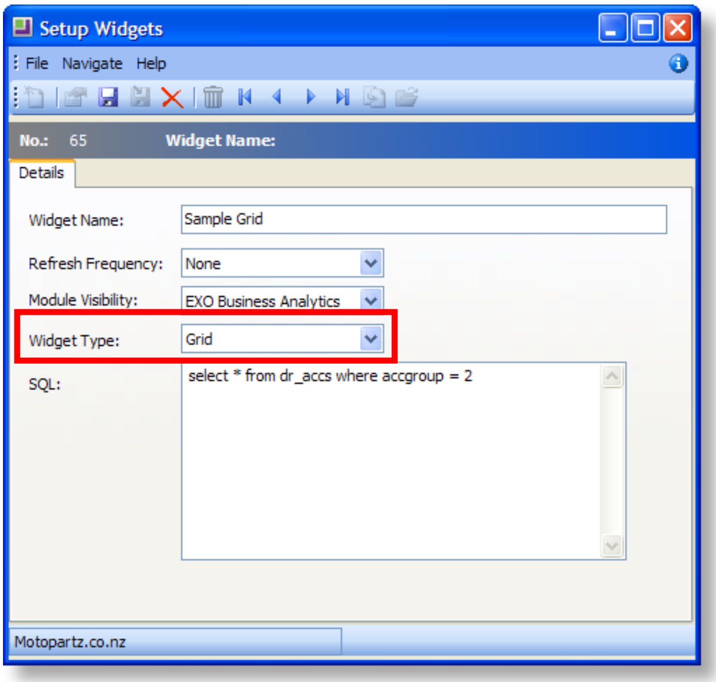
Grid SQL

Accno	Name	Address1	Address2	Address3	Phone	Fax	Email
0	CASH SALES						
4	THE CAR JUNCTION	PO BOX 4107		MT MAUNGANUI	07-5211182	07-5211181	SHELBYQUINN@CARJUNC
6	SYMONDS ST CENTRAL SERVICE STATION	PO BOX 64-079		AUCKLAND	09-303 6548	09-303 6654	TREV@CENTRALSERVICE.
7	JAMES BARRY	29 WHITES WAY	KELBURN	WELLINGTON	04-385 6497	04-385 6499	JBARRY@CLEAR.NET.NZ
8	MARK LAWRENCE	82 STATION RD		WHANGAREI	09-497 2036		MARKLAWRENCE@XTRA.(
24	DOROTHY HEDGES	20 WILLIAMSON AVE	GREY LYNN	AUCKLAND	(09) 378 1254		
10	NIGEL EMERSON	151 PILKINGTON DRIVE	WADESTOWN	WELLINGTON	04-389 0157	04-389 0364	NIGELEMERSON99@HOTM
22	INTERNET SALES ACCOUNT	INTERNET SALES ACCOUN					
11	OWEN DENTON	528 GREAT SOUTH RD	ONEHUNGA	AUCKLAND	09-624 6482		OWEND@CLEAR.NET.NZ
14	TERRY'S SPARES	PO BOX 12-765	THORNDON	WELLINGTON	04-461 3843	04-461 3842	TERRY@XTRA.CO.NZ
16	TIMOTHY JACKSMAN	76 HORNBY RD	HORNBY	CHRISTCHURCH	03-4937598	03-493 7569	TIM@CLEAR.NET.NZ
23	DANIEL PAYNE	15 NUGENT STREET	GREY LYNN	AUCKLAND	378 0755		daniel.p@xtra.co.nz
34	LAYBY CLEARING ACCOUNT						
25	EDWARD JONES	131 MT EDEN ROAD	MT EDEN	AUCKLAND	623 0035		
28	MARY-ANNE GILBY	5 SUMMER STREET	PONSONBY	AUCKLAND	372 9111		
29	TRENT TALBOT	26 ARDMORE ROAD	HERNE BAY	AUCKLAND	379 8449		

Note: If the new **Edit Pivot Widget SQL at runtime** User-level profile setting is enabled, a SQL tab is available on the grid. This tab allows you to view and edit the SQL statement used to select the data.

To create a new Grid widget:

1. Open the Setup Widgets window.
2. Click **New**.



3. Select “Grid” for the **Widget Type**.

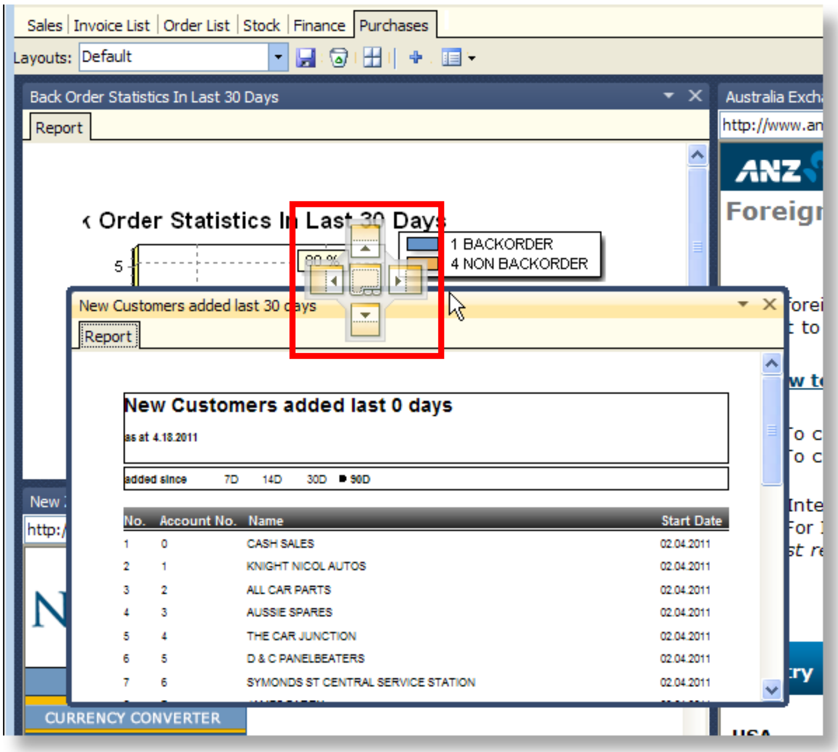
4. Enter a SQL statement to select the data to display into the **SQL** field.
5. Select the EXO Business module that this widget should be available for, or select “<All>”.
6. Enter a name for the widget and save.

Saving and Importing Widgets

Widgets can be saved to a file by clicking the new button on the Setup Widgets window toolbar. Widgets are saved as a file with the .WDG extension. Widget files can be imported into the Setup Widgets window by clicking the button. This makes it easy to share widgets between multiple EXO Business installations.

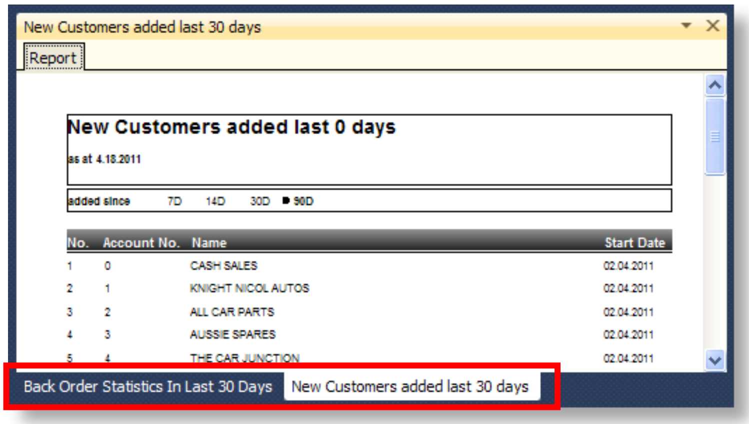
Re-arranging Widgets

Dashboards widgets are now easier to arrange by dragging and docking. When dragging one widget onto another, a cross-shaped docking control appears:



The five sections of the docking control are used to place the widget being docked, e.g. to dock the widget being dragged to the right of the widget it is being dragged onto, move the mouse pointer over the right section and release the mouse button.

Selecting the centre section of the docking control docks the widget onto a sub-tab of the target widget:



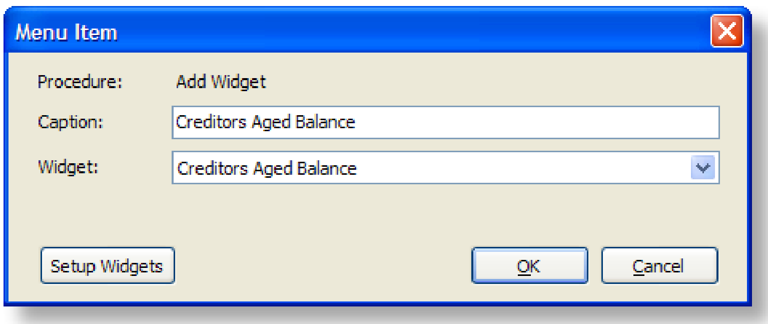
Clicking the button resets the layout, organising all widgets into tiles the same size.

As with the Dashboards interface, the current layout of widgets can be saved by clicking the button. Saved layouts can be restored from the **Layouts:** dropdown.

Assigning Widgets to Users

Users can select the widgets to display on a Dashboard interface using the and buttons. Which widgets are available for selection is determined by the staff member's dropdown menu definition, as set up in EXO Business Config.

When setting up menus in EXO Business Config at Staff > Menus > Dropdown Menu, a new "EXO Business Analytics" option is available in the **Program** dropdown. The menu for EXO Business Analytics can be set up in the same way as any other. To add a widget to the menu (and therefore make it available for selection in the interface), drag the new **Add Widget** item to menu. When adding this item to a menu, the Menu Item window that appears lets you choose the specific widget to add:



This window includes a **Setup Widgets** button, which opens the Setup Widgets window, allowing you to create or edit widgets and add them to menus in one place.

Once added, the widget does not actually appear in the EXO Business Analytics menu; instead, it becomes available for selection when clicking the button.

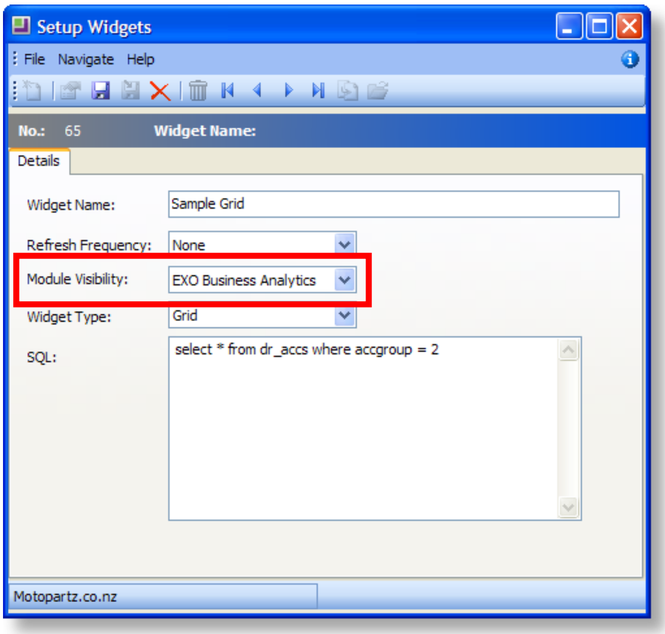
Note: The **Add Widget** item is also available when editing the EXO Business and EXO Job Costing menus, as these modules also support Dashboard interfaces.

Having the availability of widgets controlled by menu definitions adds a new level of security to Dashboards; users have access to only the Dashboard widgets that have been added to their menu.

Note: This increase in security means that the **Access Permission** property of Dashboard widgets is no longer necessary; this property has been removed from the Setup Widgets window.

Module Visibility

The new **Module Visibility** property on the Setup Widgets window controls which EXO Business modules a specific widget can be used in.



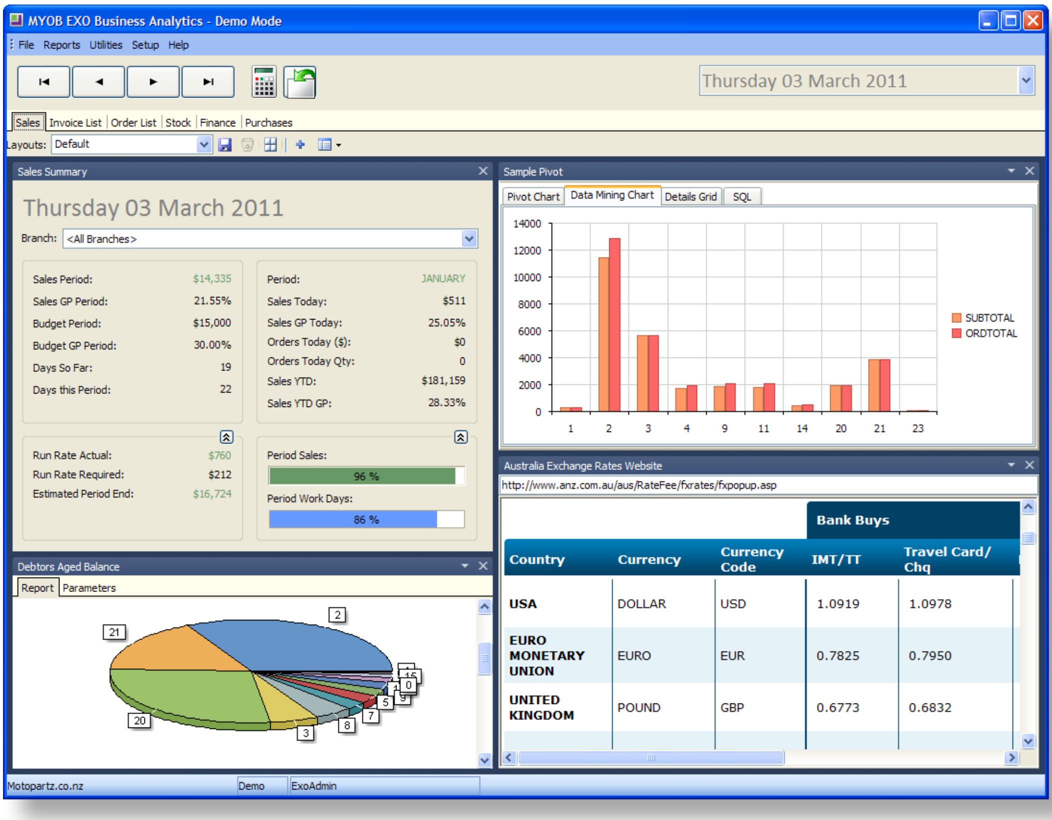
This property has the following options:

- <All>
- EXO Business
- EXO Job Costing
- EXO Business Analytics

The selection made here affects the widget's availability when setting up menus (see page 19). For example, if a widget's **Module Visibility** is set to "EXO Business", it will only be available on the Menu Item window when adding the **Add Widget** item to the EXO Business menu.

EXO Business Analytics

EXO Business Analytics is a new module that replaces the EXO Management Report module. It presents a customisable overview of the organization's business status, and is intended for use by management to monitor business performance. While the functionality of the Management Report has been retained, the new module also includes all of the new EXO Business Dashboard functionality (see page 12), making it highly customisable and extensible.



Where the Management Report had a fixed layout on each tab, the tabs on EXO Business Analytics are fully customisable. Each tab displays a collection of Dashboard widgets (see "Widgets" on page 12).

Data snapshots are taken at regular intervals (see "Snapshots" on page 23). Users can navigate between snapshots using the  controls, or select a specific snapshot from the dropdown box at the top right.

The  and  buttons allow users to recalculate and refresh the current snapshot.

EXO Business Analytics allows drill down access to the following screens:

- Debtor Account Details screen
- Creditor Account Details screen
- General Ledger Account Details screen

- Stock Item screen
- Sales Order
- Purchase Orders
- Job Costing

All screens are read-only when accessed from EXO Business Analytics.

In an upgrade, all links to **ManRep.exe** are updated to **Analytics.exe**. All references in the demo and live databases to "Management Report" are replaced with "Analytics (Management Report)".

The module on the Registration screen in EXO Config has also changed—see "Changes to Licensing" on page 34.

Tabs

The EXO Business Analytics interface is divided into the following tabs:

- Sales
- Invoice List
- Order List
- Stock
- Finance
- Purchases

These tabs are fully customisable, and can contain any configuration of Dashboard widgets. By default, the first four tabs contain widgets that replicate Management Report functionality (see "System Widgets" on page 23).

Tabs can be hidden using the new **Hide tabs in EXO Analytics** User-level profile setting.

Two optional custom tabs can be defined by specifying values for the one or both of the **Analytics custom tab 1 caption** and **Analytics custom tab 2 caption** User-level profile settings (if no captions are specified, the custom tabs do not appear).

Users can select the widgets to display on a tab using the and buttons. Which widgets are available for selection is determined by the staff member's dropdown menu definition, as set up in EXO Business Config (see page "Assigning Widgets to Users" on page 19).

System Widgets

A number of special-purpose system widgets are available in EXO Business Analytics. These are widgets that have been created by MYOB to replicate the functionality of the old Management Report tabs. System widgets cannot be edited or customised.

The following system widgets are available:

- Sales Summary
- Invoice List (Classic)
- Orders List (Classic)
- Stock Summary

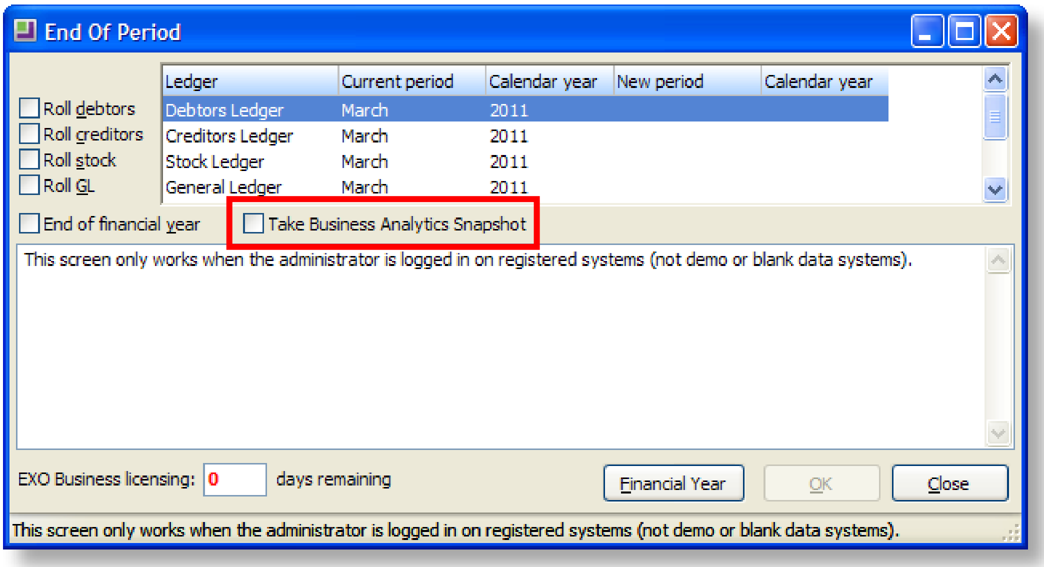
Snapshots

Like Management Report, EXO Business Analytics takes data snapshots at regular intervals. Improvements have been made to how snapshots are taken and stored:

- Snapshots are now initiated by a stored procedure, making them faster and more flexible.
- Snapshots are stored in the EXO Business database; the Analytics interface reads the snapshot data from the database. This means that snapshots can be extracted and used elsewhere, e.g. in Microsoft Excel or in a Clarity report.
- Snapshots are now recorded for each salesperson and for each branch. One snapshot is saved per day, per branch/salesperson. The most recent snapshot is saved; each snapshot taken in a day updates that day's snapshot.
- If a Clarity widget includes the AnalyticsSnapshotSeqno runtime parameter, it will refresh automatically as the user navigates from one snapshot to another.
- Snapshots are taken automatically if the **Recalculate and Refresh Analytics every 15 mins when loaded** profile setting is enabled (see "Preferences" on page 24).
- A new snapshot is taken every time the EXO Business Analytics module is started if the new **Recalculate and Refresh Analytics on Startup** is enabled.
- The layout of widgets on the EXO Business Analytics tabs is saved for each snapshot.

New End of Period Option

The End of Period window includes a new option to take a snapshot as part of the end of period process:



Ticking this option ensures that the final day's trading is always completely captured.

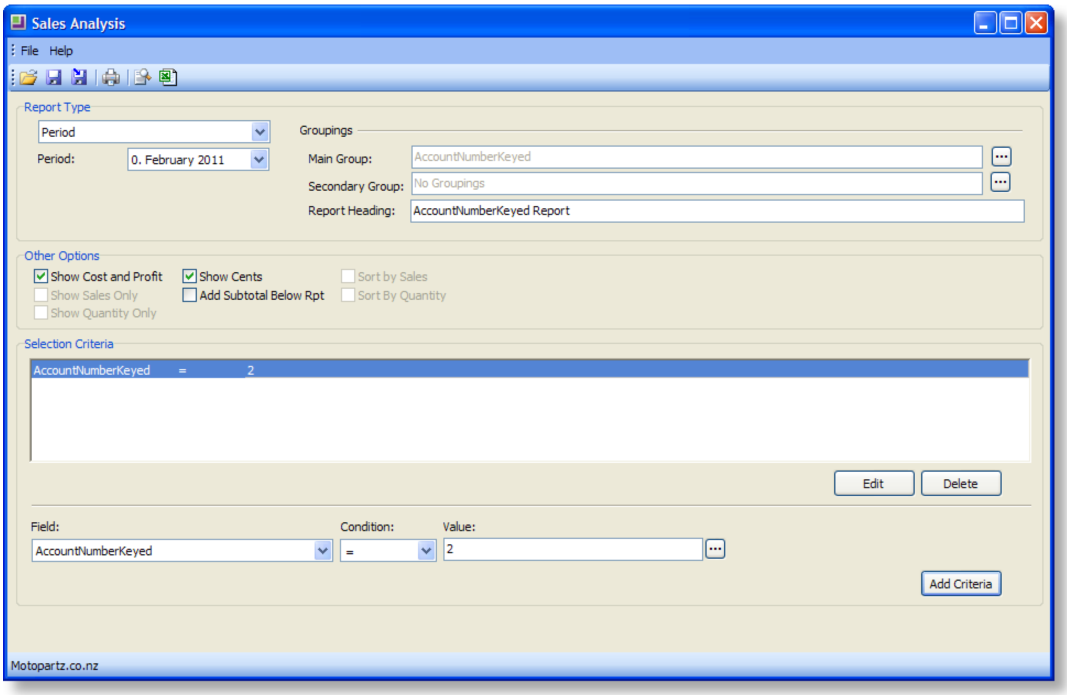
Preferences

EXO Business Analytics uses the same preferences that were available in the Management Report; however, these settings have been converted to profile settings. The controls on the Setup EXO Business Analytics Info window (previously the Setup Management Report Info window) are now read-only, with the exception of the **Reset Sales Periods** button. The following profile settings are now available in EXO Business Config:

Setting	Level	Profile name
Recalculate and Refresh Analytics every 15 mins when loaded	Computer	MANREP_RECALCREPORT
Stock Valuation Method in Management Reports	Company	MANREP_STOCKVALMETHOD
Enable Annualised Stockturn KPI	Company	MANREP_KPI_STOCKTURN
Enable Average Invoice KPI	Company	MANREP_KPI_AVGINVOICE
Enable GP% KPI	Company	MANREP_KPI_GP_PERCENTAGE
Exclude Quotes from Sales Orders	Company	MANREP_EXCLUDE_QUOTES_FROM_SO
Use Posttime field to calculate sales	Company	MANREP_USE_POSTTIME_FOR_SALES

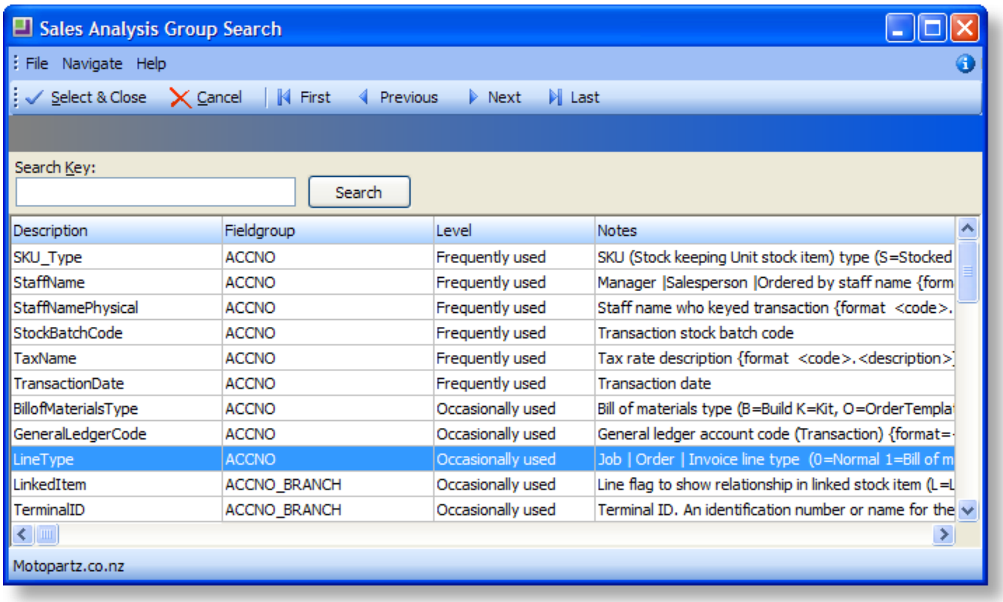
Sales Analysis Matrix Enhancements

Several enhancements have been made to the Sales Analysis Matrix module.



The Sales Analysis Matrix uses the new fact view for Sales (see "Fact Views" on page 26), which makes many more options available in the Groupings settings. Groupings have also been given more user-friendly names.

To better deal with the larger number of groupings, a lookup window is now used for selecting them. Clicking the ⋯ button at the end of each grouping field opens a window where all available groupings are displayed:



Note: The information on each group that is displayed on this window is stored in the new FACT_GLOSSARY table.

The Secondary Group option now includes a "No Groupings" option, and secondary groups are filtered out according to what was selected as the main group. For example, whatever group was selected for the main group cannot also be selected as a secondary group.

Lookups are now available for the selection criteria **Value**; click the button to open a search window offering all relevant values for the selected field.

Fact Views

Over twenty new data views have been added to the EXO Business database, providing comprehensive, dependable, user-friendly abstract views of all major data objects. These "fact views" encapsulate the associated complexities of the underlying database and present simple pre-formatted flat file facts requiring no join logic, making them useful in reporting, particularly in pivot table ad-hoc style reporting. The new Pivot widgets available make use of fact views to present their data (see page 15), as does the Sales Analysis Matrix (see page 25).

Fact views are indexed, and appear and behave as tables. They increase the extensibility of the EXO Business system, making it significantly easier for third-party applications to make use of EXO Business data.

Two "layers" of fact views have been set up in the EXO Business database. The views that make up the first layer are identifiable in the EXO Business database by their names, which all start with "VW_FACT". These views draw in all data relevant to each area of the EXO Business. For example, the VW_FACT_SALESTRANS view, which contains data on sales transactions, includes three columns for the ACCNAME: ACCNAME_ENTERED, ACCNAME_SALES, and ACCNAME_BRANCH. This captures all cases where an account name can be associated with a transaction.

Note: Examine the VW_FACT_PROPERTIES view for schema information on all of the other fact views.

A second layer is a set of views that are based on the VW_FACT views, but have been set up with user-friendly column names for ease of use. These views, which are identified by names that start with "Analytics", are used by the EXO Business Analytics module, and can also be used to extract data from the EXO Business database for use in external applications.

For example, it is possible to use the Data Connection Wizard in Microsoft Excel to connect to the EXO Business database and use an Analytics view to set up an Excel pivot table very quickly and easily. The user-friendly column names appear in the PivotTable Field List, making it simple to select the columns to appear in the pivot table.

Email Improvements

Clarity Email Templates

EXO Business now supports Clarity email templates (.CLE file extension), which can define the subject line and body of emails to be sent out in bulk. The CLE builds on the functionality of the CLM (Clarity Mail Merge) to build the HTML that is inserted into the body of the email.

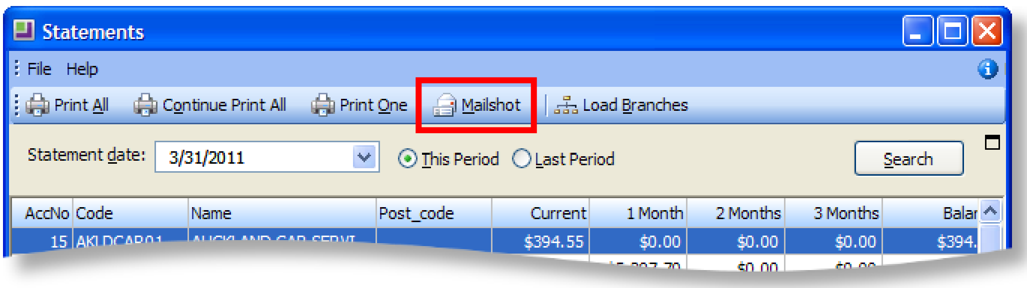
For example, the **Statement.clf** form could have an associated **Statement.cle**, which would define the formatting and content of the emails used when emailing statements to Debtors. The content of each email would be based on the Statement contact details.

Email templates are created and edited in the Clarity Report Designer like any other kind of Clarity report.

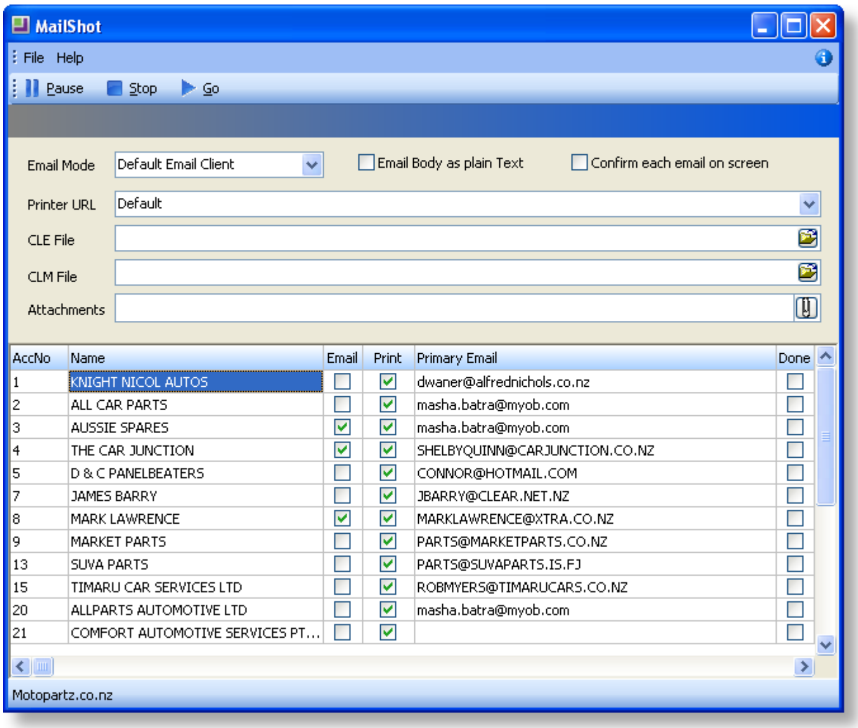
Enhanced mail merging supports the use of multiple tables with the same field. For example, the existing method using <USERNAME> is still supported, but the <DBTEXT GENERAL_INFO.USERNAME DBTEXT> field is now also available, which works as well if not better.

Debtor Statement Mailshot

A new Mailshot function has been added to the Debtor Statements window, making the process of sending statements to Debtors more robust:



Clicking the new **Mailshot** button opens the Mailshot window:



Users can specify the following details:

Detail	Description
Email Mode	Specify how emails should be sent. The following options are available: • Disabled – Emails will not be sent • EXO SMTP – Emails will be sent using the EXO Business SMTP server (better for sending large batches of emails) • Default Email Client – Emails will be sent using the user's default email software (suitable for smaller batches of emails)
Email Body as plain text	Tick this option to restrict the body of emails to plain text, rather than HTML. The default setting for this option is determined by the new the **Send emails using plain text** User-level profile setting.
Confirm each email on screen	Tick this box to display a confirmation message before sending each email, or leave it blank to send emails automatically.
Printer URL	Select the printer to use for those statements that are to be printed out.
CLE File	Specify the Clarity email template to use for emailed statements (see page 27).
CLM File	Specify the Clarity mail merge template to use for printed statements.
Attachments	Specify any attachments to be sent with emails.

The bottom section displays all Debtors who will be sent a statement by the mailshot. Tick or clear the **Email** and **Print** boxes for each Debtor to specify how statements will be sent to them (the default settings for these options are determined by each Debtor's **Statement Delivery** setting—see "New Email Contacts" below).

When all options are set, click the **Go** button to start the mailshot. As statements are sent, the **Done** box for each Debtor is ticked. The **Pause** and **Stop** buttons allow the mailshot to be suspended or cancelled before it is complete.

New Email Contacts

New properties affecting how documents are sent to Debtors are available on the Debtor Account Details 2 tab:

- Statement Delivery – This property replaces the existing **Statement** check box. Select how statements will be sent to the Debtor. Choose from None, Email, Print or Both.
- Statement Contact – If a Contact is selected here, documents will be sent to the Contact's address instead of the company address specified on the Details1 tab.

A new **Remittance Contact** property is available on the Creditor Account Details 2 tab. If a Contact is selected here, documents are sent to this address instead of the company address specified on the Details1 tab.

Clarity Improvements

Clarity Report Builder Upgrade

EXO Business has been upgraded to use version 12 of Clarity Report Builder. This has lead to significant performance improvements, as it allows for the server-side processing of pre-optimised queries by default, rather than processing client-side in memory.

The inbuilt library of charting options has also been expanded.

Silent Running from the Command Line

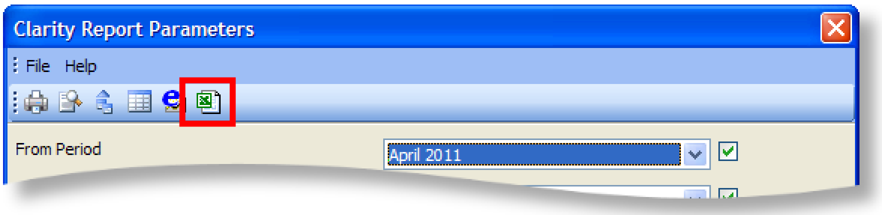
Clarity reports can now be run silently from the command line by specifying the new **/A=N** flag, allowing for background or scheduled report generation. For example:

```
Clarity.exe EXODEMO ExoAdmin ExoAdmin CRTAgedBalances.clr /d=File /f=text.xls /m=XLSREPORT /A=N
```

The report runs with its default parameters.

Export to XLS

A new **Export to XLS Report** button has been added to most reporting windows:

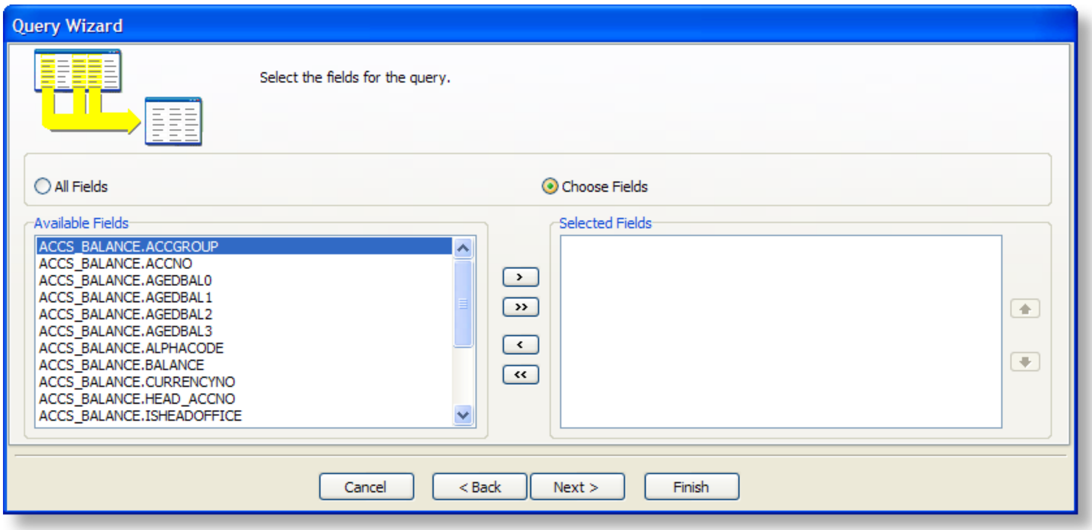


Clicking this button exports the entire report, including formatting, to an XLS spreadsheet, which opens in Excel automatically.

Note: When using Excel 2010, the report will open in Protected View mode. To prevent this from happening, open the Trust Center in Excel and add the EXO Business temporary directory as a Trusted Location. The temporary directory is specified by the **Directory location for temporary files** Computer-level profile setting.

Query Wizard Improvements

All screens of the Query Wizard in the Clarity Report Designer have been widened, so that all data can be seen clearly:

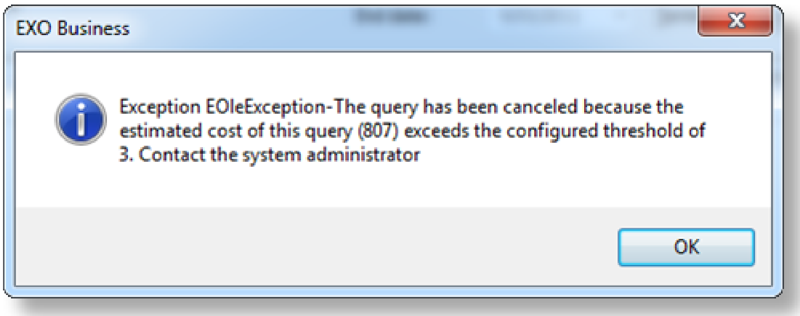


Query Limiters

EXO Business 8.2.0.0 introduces new features designed to prevent large database queries from timing out or locking up the system.

A new **Maximum Report Query Time In Secs** User-level profile setting has been added (QUERY_GOVERNOR). This setting specifies the maximum amount of time a report query is allowed to run before it is terminated, to prevent one user from locking up the system for all other users by inadvertently running a very large report.

If the estimated time for a query is greater than the time specified, the query will not proceed and a message will be displayed to the user:



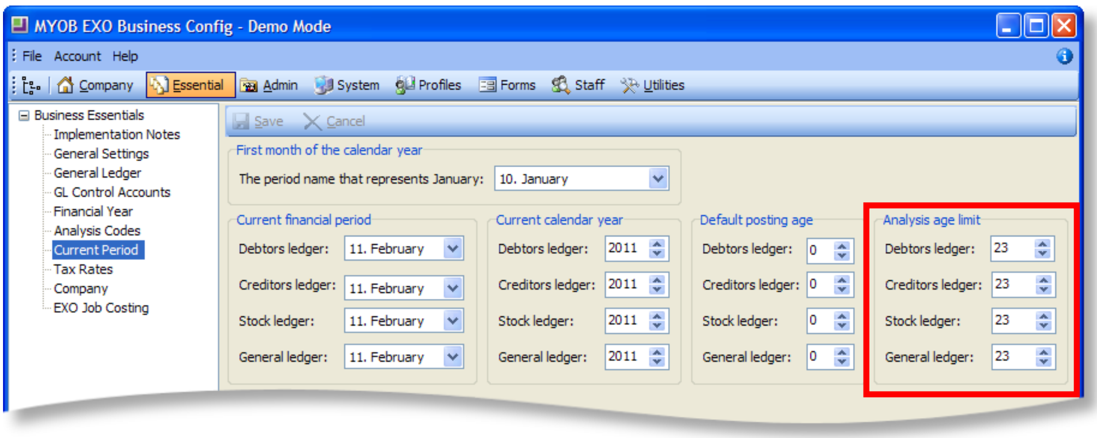
Note: If the value is set to zero, no time limit will be applied. This is the default.

This limit is only applied in key areas of the system such as the Clarity Report Designer, Clarity Report runtime, the Sales Analysis Matrix, and an Invoice reference search.

As this is a User-level profile setting, different users can be given different time limits, e.g. an administrator may be allowed to run larger, more time-consuming queries.

Note: While the value is specified in “seconds”, it is not strictly a measure of time; a value of 15 may equate to 15 seconds on one PC, but only 10 seconds on a different, faster PC. This setting may require some fine-tuning to find the most suitable value for your system.

New Analysis age limit fields are available in the **Essential > Current Period** section of EXO Business Config:

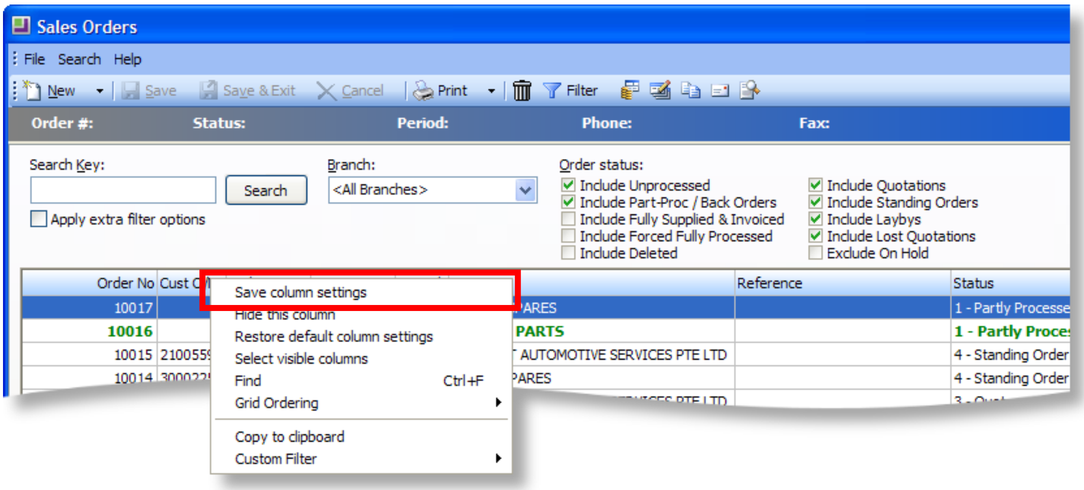


These fields set a maximum age (in periods) to act as a limiter in queries on the ledgers, to avoid timeouts. The default value is 23.

Backup and Replicate Grid Settings

EXO Business 8.2.0.0 adds the ability to backup, restore and replicate user interface settings that are normally specific to each computer: Exogrid column settings, form sizes and positions, etc.

Grid settings are saved to the registry whenever a user selects the **Save column settings** right-click option on an Exogrid:



These settings can now be copied to the EXO Business database, then restored on another computer.

Saving grid settings to the database means you can:

- Restore a user's settings when they move to a new computer.
- Have a user's settings "follow" them from computer to computer.
- Maintain consistent settings in a terminal server/cluster server environment.
- Easily replicate the same settings across multiple computers.
- Easily set up grid settings on a new computer for first time use.

Saving and Manually Retrieving Grid Settings

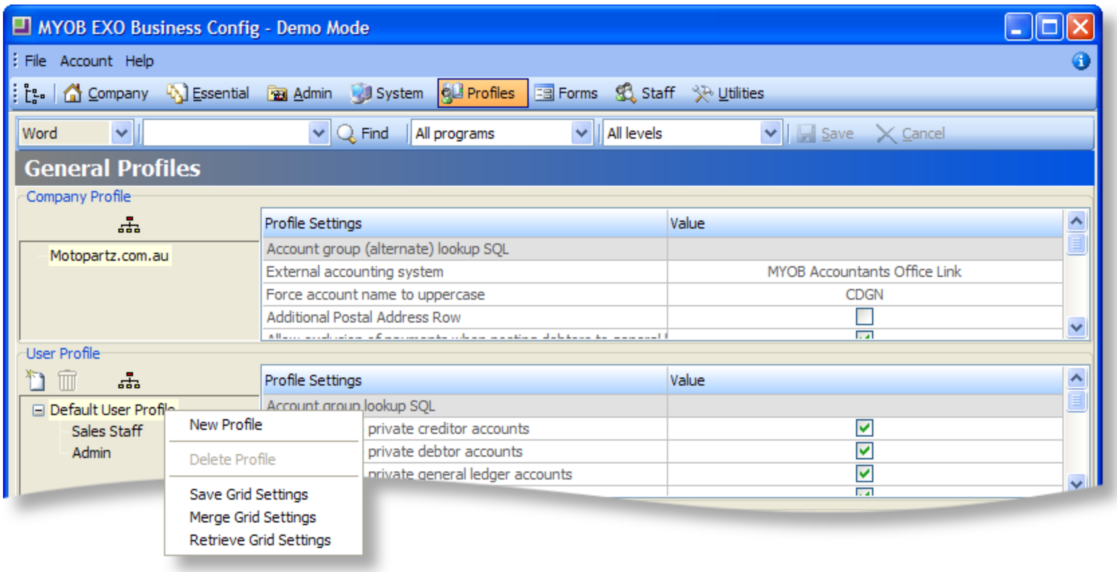
Grid settings are saved and restored in EXO Business Config. Three new options are available when right-clicking on a User Profile:

- **Save Grid Settings** – Saves the grid settings currently present on this computer to the EXO Business database for this profile.

  Note: Saved grid settings are stored in the new table PROFILE_GRIDS.

- **Retrieve Grid Settings** – Retrieves grid settings saved for this profile from the database and applies them. All existing grid settings are deleted before the new settings are applied.

- **Merge Grid Settings** – Retrieves saved grid settings for this profile from the database and applies them. Existing grid settings are <u>not</u> deleted.



The **Merge Grid Settings** option can be used to apply a superset of grid settings from multiple profiles to a single user. For example:

1. Use EXO Config to save grid settings for Profile A and Profile B on their respective computers.
2. On an administrator's computer, log on to EXO Config.
3. Go to the Profiles screen, right click on Profile A and select **Retrieve Grid Settings**.
4. Right click on Profile B and select **Merge Grid Settings**. The administrator user now has a superset of the grid settings for both Profile A and Profile B.
5. Right click on the administrator's profile and select **Save Grid Settings**.

Portable Grid Settings

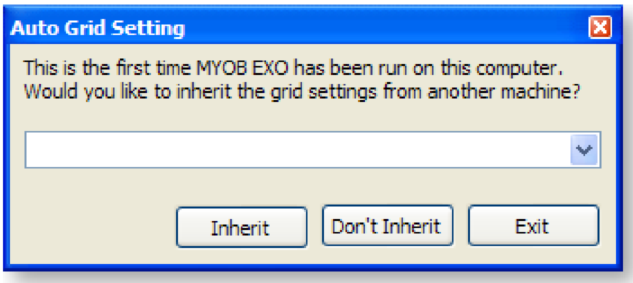
Grid settings can be made portable, so that they will "follow" a user from one computer to another. If the new Computer-level profile setting **Allow portable grid settings** has been enabled, then when a user logs on to a computer, the grid settings saved for the user's profile are automatically restored.

Note: The automatic restore operation only occurs when the user logging on belongs to a different profile set than the previous logged on user.

Enabling portable grid settings means that users can operate on multiple different computers (e.g. in a "hot desking" environment) and retain their grid settings. It also means that users' settings can remain consistent in a terminal server or cluster server environment, where the hosting server may change without notice.

Replicating Grid Settings on a New Computer

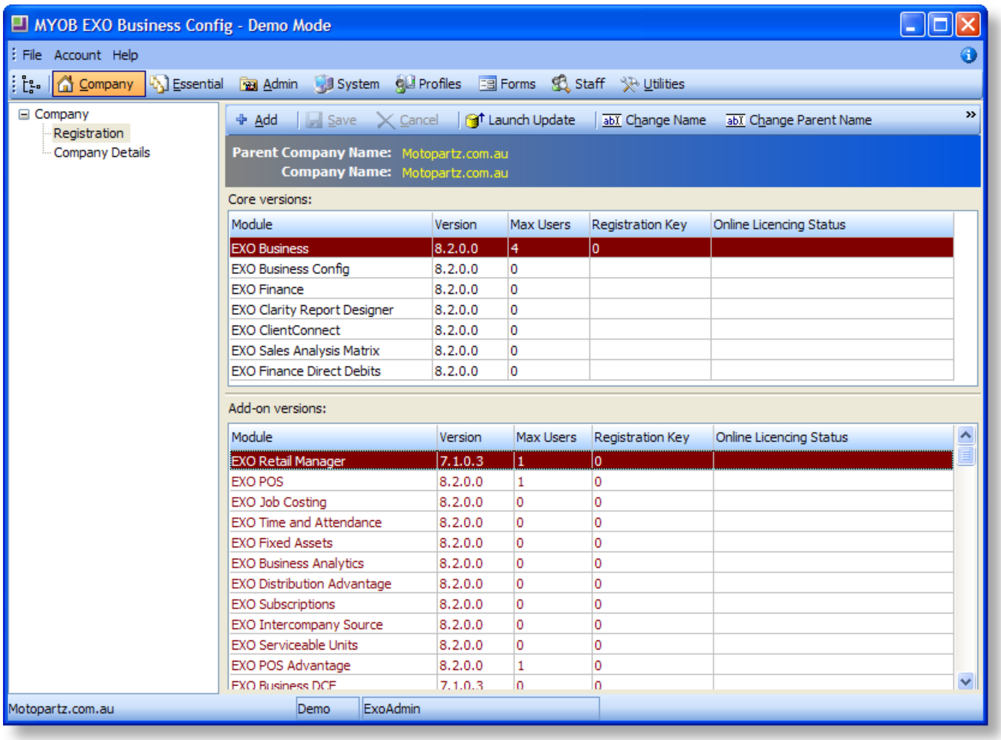
The first time MYOB EXO Business is run on a computer, a record for the computer is created in the COMPUTERS table. If the **Allow portable grid settings** profile setting is enabled, a new dialog appears as part of this process:



- The user can select a computer and click **Inherit** to create the new COMPUTERS record and replicate the grid settings to the new computer.
- Clicking **Don't Inherit** creates the record in COMPUTERS, but leaves grid settings at their defaults.
- Clicking **Exit** closes the application without creating a COMPUTERS record.

Changes to Licensing

Certain EXO Business modules that no longer require licences have been moved to the Core versions section of the Registration screen in EXO Business Config:



In addition, the EXO Management Report module has been renamed to “EXO Business Analytics” (see “EXO Business Analytics” on page 21).

A new licence is not required to run EXO Business Analytics; customers will be issued new licences for it the next time their EXO Business licences are renewed.

Additional Changes

The following additional new features and enhancements are included in this release:

Module	Description
EXO Business Core	A new **GL Account Read-Only Access** User-level profile setting is available. Enabling this setting restricts users to read-only access on the GL Account screen (functionality that was already available for the other Account screens).
	A new **Creditors Custom Filter SQL** profile setting is available, which mimics the existing **Debtors Custom Filter SQL** profile setting. It specifies a SQL filter that is applied to the Creditor Account, Purchase Order, Inwards Goods Receipts and Inwards Goods Costing, and Stock Items Transaction screens. Its primary purpose is to allow company reps to access a restricted view of the EXO Business database.
	New fields have been added to the SALESORD_HDR and PURCHORD_HDR tables: • CREATE_DATE – This field gets stamped with a datetime value when the order is initially created. • ACTIVATION_DATE – This field gets stamped with a datetime value when the order’s Not Processed. • FINALISATION_DATE – This field gets stamped with a datetime value when the order’s status becomes Fully Processed. These fields allow better tracking of how long orders take to complete. In addition, a new WAS_BACKORDERED field has been added to SALESORD_HDR. This field is set to “Y” if any one of the lines in the order goes into a backordered status. The intention for these new fields is to allow EXO Business Analytics (see page 21) to provide additional information on orders.
	The stored procedure run by EXO Business Config to update demo data to the current date has been updated to include period statuses, period definitions and Management Report snapshots in the data that it updates.
	The EXO Business logo appeared distorted on some screens. A script has been added to the upgrade process to correctly resize all logo images.
EXO Finance	A search function has been added to the **Creditor** field on the Creditors Payment Processor screen. Search for Creditors in the usual way, i.e. enter a few letters and press the TAB key to open a search window.

Resolved Issues

Note: This release includes the fixes introduced in the 8.1.1.0 hot fix release. See the 8.1.1.0 Release Notes document for information on these fixes.

EXO Business Core

Exotrack ID/ Service Request	Partner ID	Description
32189	2302	When posting a batch in Integrated Cashbook, the system was not indicating the GL batch number allocated with a popup; instead, it showed the last batch number in the grey header band of the Cashbook screen. When Cashbook was launched from Bank Reconciliation, the Cashbook screen closed after save/print and the batch number was not readily visible. The batch number is now displayed after the posting in Bank Reconciliation screen and Integrated Cashbook screen.
33176	5669	The Non Account Details screen always displayed the account name in uppercase, regardless of what was specified for the **Force account name to uppercase** profile setting. This has been resolved.
33640	5267	A **New** button has been added to the Alternate Suppliers/Stock Codes window. Previously, the only way to add a new Supplier was to press the down arrow key, which was inconsistent with the rest of the system.
34544	5481	Copying a Purchase Order between suppliers of different currencies did not update the exchange rate and potentially did not update the tax. There are also considerations about potential price changes. When changing the supplier inside a Purchase Order, the system performs these checks and corrections; therefore the system now does not permit copying an order between suppliers of different currencies. Instead it displays a message recommending copying to the same supplier then opening the order and changing the supplier there.
33329	5480	Double-clicking on the email address on the Details tab of the Debtor Account Details or Creditor Account Details screens now creates an email message to that address. (Previously, this feature was only available on the Contacts screen.)
11092484916	-	Editing partly allocated invoices caused incorrect balance amounts. This has been resolved; it is now no longer possible to edit partly allocated invoices, regardless of what is selected for the **Permitted level of access to debtor transaction editing** profile setting.
11071738028	-	The Sales Analysis Matrix would not display Sales Orders that did not have a salesperson recorded against them. This has been resolved.

Exotrack ID/ Service Request	Partner ID	Description
11079025569	-	When editing an invoice that has already been posted by right-clicking on it from the Transactions tab of the Debtors screen and selecting Edit Invoice or Edit Ref Fields, it was not possible to change the date of the transaction if the **Enforce transaction period dates during invoice entry** profile setting was set to "Enforce" or "AutoEnforce" (most common and default mode). In previous versions this date could be edited, but it was ungoverned by date range checking based on the original period of the transaction. It is now possible to edit the date again, but the date cannot be changed to a date outside the date ranges for the period originally assigned to the transaction, regardless of what the **Enforce transaction period dates during invoice entry** profile setting is set to.
11277538391	-	Clarity reports can now be run silently from the command line by specifying the new /A=N flag (see page 29).
-	-	After adding a GL line to a Purchase Order, if the user double-clicked the line to open the GL detail screen and then closed it, the GL account search screen was displayed; it was necessary to cancel the GL detail screen then close the GL search screen. This was inconsistent with the behaviour for a stock item line. This has been resolved; the GL search screen is no longer displayed after closing the GL detail screen.
-	-	When selecting multiple rows on the Debtors Banking Batches window, only the last two columns of each row would be highlighted correctly. This has been resolved; all columns on each selected row are now highlighted.
-	-	After reversing a Debtor Payment, the amount on the confirmation message did not display zero values in decimal places, e.g. $17.70 displayed as "$17.7", $20.00 displayed as "$20". This has been resolved.
-	-	Any discounts or price policies set up for the freight code were not applied on Debtor Invoices. This has been resolved.
-	-	When opening the Online Help by pressing F1, the EXO Business application could not be accessed until the Help was closed. This has been resolved.
-	-	Pressing F1 on the Purchase Order Periscope opened the Online Help at the topic for the Debtor Invoice Line Periscope. This has been resolved.
-	-	On the Non Account Details screen, when navigating between records using the next and last buttons the next/previous account details are displayed, however the display always reverted back to the Details tab. Navigation on the Non Account Details screen now functions the same as the Debtors Account Details screen, i.e. when navigating between accounts, the same tab is always displayed.
-	-	After changing the **Consign loc** property on a Sales Order, all information in the panel at the bottom of the window disappeared. This has been resolved.

EXO Business Config

Exotrack ID/ Service Request	Partner ID	Description
31136	5211	The ability to replicate grid settings has been added (see page 32).
-	-	The Help text displayed at the bottom of the sections under Admin > Serviceable Units incorrectly displayed information for the Financial Year section. New text that describes the Serviceable Units sections (Unit Make, Unit Model, Unit Class, Unit Usage Reading, Communication Types, Action Types) has been added.
-	-	The button on the General Ledger Account Search window at Essential > GL Control Accounts was labelled **Next**; this has been changed to **Search**.
-	-	If a value outside the range 1–24 was entered for the **Position** property of an Extra Field, an exception error occurred. This has been resolved; attempting to enter an out-of-range position now generates the error message "Position must be within the range 1-24". Changes cannot be saved until a correct value is entered.

EXO Finance

Exotrack ID/ Service Request	Partner ID	Description
41629, 33537 29627, 11898 10799	5670, 1028 5678, 2214 2229	When emailing from the Creditors Payment Processor, the **Show email before sending** option was not working; the email preview was not being displayed when this option was enabled. This has been resolved.

EXO POS

Exotrack ID/ Service Request	Partner ID	Description
31783	2263	The POS Line Periscope would sometimes not respond to pressing F11 (Cancel) or F12 (Save), meaning that the icons had to be clicked. This has been resolved.

Known Issues

The following issues have been identified as requiring end-user attention in this release.

Installation Issues

- If you are using the MYOB EXO Business Installation Wizard to install an instance of SQL Express, Windows Installer 3.1 must be present on the PC.
- Due to security settings imposed by Windows, CHM Help files cannot be viewed from a remote location—this means that you can only view the EXO Business Help files if they have been installed on the local PC. See Microsoft Knowledge Base article 892675 for more information on this issue and suggested workarounds.
- When running the EXO Business installer, 64-bit SQL Server 2008 instances do not appear at the Database Location screen (see page 7). EXO Business will run on 64-bit SQL Server 2008; however, it is not currently possible to install on this version using the EXO Business installer.

Issues with ClientConnect Integration

- If a record is deleted from ClientConnect, it will **not** be deleted from EXO Business; however it will be flagged in EXO Business to stop it from reappearing in ClientConnect the next time data is synchronised. This also means that it will not be possible to add the record back into ClientConnect later. Records should not be deleted from ClientConnect; always delete them from EXO Business. This will ensure that the record is deleted from both systems once data is synchronised (provided both systems are online).
- Address fields in EXO Business are limited to 30 characters, while fields in ClientConnect can be longer than this. Any data longer than 30 characters that is entered in ClientConnect will be truncated when the data is synchronized with EXO Business. This may not be immediately obvious—the data is truncated as soon as it is saved in EXO Business, but the data will not appear truncated in ClientConnect until the data is synchronized back from EXO Business.

Note: A SQL script is available in the **ClientConnect Tools** directory of the EXO Business CD, which will check the ClientConnect database and report on any Contact address data that is longer than the fields it will be mapped to. Directions for using this script are included in the header of the script itself.

- EXO Business allows one more address line than ClientConnect for both Postal Address and Delivery/Shipping Address. In the case of the Postal Address, the last two lines in EXO Business are concatenated into one in ClientConnect. In the case of the Delivery/Shipping Address, the last address line in EXO Business is not synchronised with ClientConnect.

- Compatibility issues when integrating EXO Business with ClientConnect using Outlook 2007 on Windows XP can result in Outlook hanging. The **ClientConnect Tools** directory of the EXO Business CD contains a fix for this issue. See the accompanying documentation for more details.
- Peer-to-peer data sharing is not supported in ClientConnect when it is integrated with EXO Business.
- Data synchronisation will not occur if the EXO Business system is offline.
- Data synchronisation uses the timestamp on records in ClientConnect and EXO Business to determine which is newer, with the newer record overwriting the older. While ClientConnect always uses the server time, EXO Business uses the time on the local PC—this means that synchronisation can fail where clients are in different time zones from the server.
- If the name of the server PC is changed, ensure that the internal instance name for SQL Server is similarly updated; otherwise ClientConnect will not be able to contact EXO Business.

Appendix 1: New Profile Settings

The following profile settings have been added or updated in this release.

Name	Profile Name	Level	Description	Refer
Allow portable grid settings	AUTOGRIDSETTINGS	Computer	If this setting is enabled, when a user logs on to a computer, the ExoGrid settings saved for the user's profile are automatically restored.	page 33
Analytics custom tab 1 caption Analytics custom tab 2 caption	MANREP_CUSTOM_TAB1_CAPTION MANREP_CUSTOM_TAB2_CAPTION	User	These settings specify the names of the two available custom tabs in EXO Business Analytics. If a name is not specified for a tab, it does not appear in EXO Business Analytics.	page 22
Creditors Custom Filter SQL	CREDITORS_CUSTOMFILTER	User	This setting mimics the existing **Debtors Custom Filter SQL** setting. It specifies a SQL filter that is applied to the Creditor Account, Purchase Order, Inwards Goods Receipts and Inwards Goods Costing, and Stock Items Transaction screens.	page 35
Edit Pivot Widget SQL at runtime	WIDGET_SQL_EDIT	User	If this setting is enabled, a SQL tab is available on Pivot and Grid widgets. This tab allows the widget's source SQL statement to be viewed and edited.	page 15
Enable Annualised Stockturn KPI	MANREP_KPI_STOCKTURN	Company	Preference setting for EXO Business Analytics. Previously this was configured on the Setup Management Report Info window.	page 24
Enable Average Invoice KPI	MANREP_KPI_AVGINVOICE	Company	Preference setting for EXO Business Analytics. Previously this was configured on the Setup Management Report Info window.	page 24
Enable GP% KPI	MANREP_KPI_GP_PERCENTAGE	Company	Preference setting for EXO Business Analytics. Previously this was configured on the Setup Management Report Info window.	page 24

Name	Profile Name	Level	Description	Refer
Exclude Quotes from Sales Orders	MANREP_EXCLUDE_QUOTES_FROM_SO	Company	Preference setting for EXO Business Analytics. Previously this was configured on the Setup Management Report Info window.	page 24
Force account name to uppercase	ACCS_NAME_UPPERCASE	Company	This setting now affects the names of Non Accounts in addition to Debtors, Creditors and GL accounts.	page 36
GL Account Read-Only Access	GL_READONLYACCESS	User	If this setting is enabled, users are restricted to read-only access on the GL Account screen.	page 35
Hide tabs in EXO Analytics	HIDE_ANALYTICS_TABS	User	This setting is used to hide or show the various available tabs in EXO Business Analytics.	page 22
Maximum Report Query Time In Secs	QUERY_GOVERNOR	User	This setting specifies the maximum amount of time a report query is allowed to run before it is terminated.	page 30
Recalculate and Refresh Analytics on Startup	MANREP_RECALCONSTARTUP	User	Preference setting for EXO Business Analytics. If this setting is enabled, a new snapshot is taken automatically every time EXO Business Analytics starts up.	page 23
Recalculate and Refresh Analytics every 15 mins when loaded	MANREP_RECALCREPORT	Computer	Preference setting for EXO Business Analytics. Previously this was configured on the Setup Management Report Info window.	page 24
Send emails using plain text	EMAIL_PLAIN_TEXT	User	If this setting is enabled, emails are sent as plain text, not HTML.	page 27
Stock Valuation Method in Management Reports	MANREP_STOCKVALMETHOD	Company	Preference setting for EXO Business Analytics. Previously this was configured on the Setup Management Report Info window.	page 24
Use Posttime field to calculate sales	MANREP_USE_POSTTIME_FOR_SALES	Company	Preference setting for EXO Business Analytics. Previously this was configured on the Setup Management Report Info window.	page 24