New Parameters

The following new parameters are available for Business Alerts:

Parameter	Meaning
General (available for all types)	
@NOW_STR	The current date and time as a string in the format 'yyyy-mm-dd hh:MM:ss' (including quote marks).
@TODAY_STR	The current date as a string in the format 'yyyy-mm-dd' (including quote marks).
Company accounts	
@ACCNO	The Debtor, Creditor or Non Account's ID number.
@ALHPACODE	The Debtor or Creditor account's name. (Not available for Non Accounts.)
@H	A specified field from the DR_ACCS, CR_ACCS or PROSPECTS table.
Contacts	
@CONTACTID	The contact record's ID number.
@ACCOUNTNAME	The name of the company account that the contact is associated with.
@H	A specified field from the CONTACTS table, e.g. @H.FIRSTNAME.
General Ledger accounts	
@ACCNO	The GL account's ID number.
@H	A specified field from the GLACCS table, e.g. @H.BALANCE.
Stock items	
@STOCKCODE	The Stock item's ID code.
@ACCNO	The ID number of the stock item's supplier.
@H	A specified field from the STOCK_ITEMS table, e.g. @H.SELLPRICE1.
Serviceable Units	
@UNITNAME	The Serviceable Unit's name.
@STOCKCODE	The ID code of the stock item on the unit (this may be null).
@H	A specified field from the SU_MAIN table, e.g. @H.UNITDESC.
@W	A specified field from the SU_WARRANTY table, e.g. @W.EXPDATE.

Maximum Number of Extra Fields

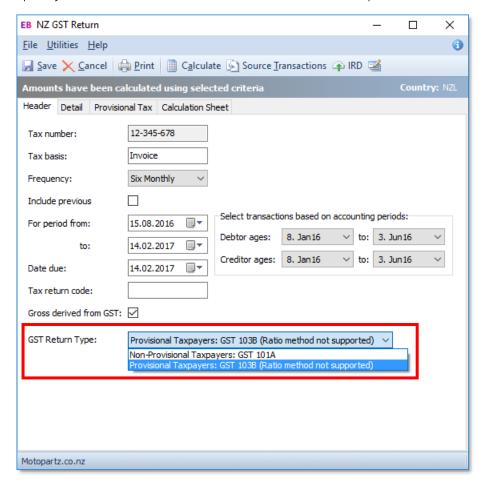
In previous versions, the maximum number of Extra Fields that could be added to a table was 24. This version increases the limit to 38 for most tables; for tables that are accessible via the Exo API only, the limit has been increased to 100.

Provisional Tax

The NZ GST Return function can now include provisional tax information when submitting the GST Return to the IRD. You can pay provisional tax along with your GST, or, if your GST return shows a refund, you can apply some or all of this refund against the provisional tax amount.

Note: Exo Business does not support the Ratio method for calculating provisional tax. You will need to manually calculate and file your GST return if you are on the Ratio method.

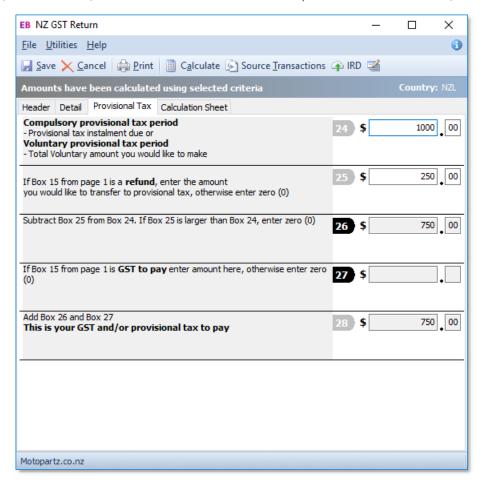
A new **GST Return Type** dropdown on the Header tab of the NZ GST Return window lets you specify whether or not the GST return should include provisional tax:



Note: If you pay provisional tax, you will need to select the "Provisional Taxpayers: GST 103B" option <u>every period</u>, even for periods where you are not paying provisional tax.

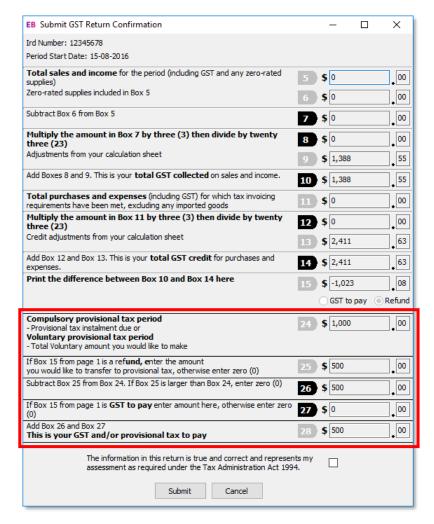
New Features

When the "Provisional Taxpayers: GST 103B" option is selected, an extra Provisional Tax tab becomes available. Once the GST return is calculated, you can enter provisional tax details into this tab. The available fields differ depending on whether or not the GST return indicates a payment (to which the provisional tax payment will be added) or a refund (which can be used to offset the provisional tax amount):



The amounts on this tab are displayed on the printed GST Return report, and included in the return when it's submitted to the IRD using the **IRD** button. (This was formerly the **SBR** button—as Standard Business Reporting is specific to Australia, this terminology has been changed in the New Zealand interface).

When submitting a return that includes provisional tax, the provisional tax fields are added to the Submit GST Return Confirmation window:



In New Zealand, the SBR Manager window has been renamed to Inland Revenue Lodgements. This window now includes extra columns related to GST returns.

Update to Stock Search

In previous releases, when entering a stock code and using the ? wildcard, if there was a record that matched the code exactly, it would be selected automatically and the Stock Search window would not appear. As of this release, when the ? wildcard is included in a stock code search, the Stock Search window <u>always</u> appears, showing any entries that match code.

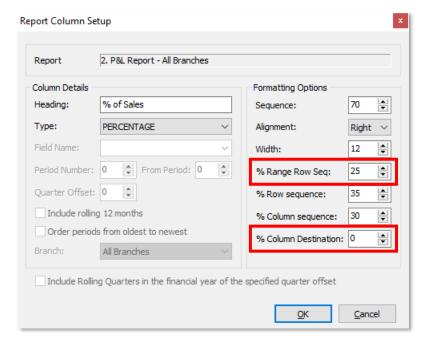
This can be useful when entering stock codes, as it shows the user any records that may be related to the entered code, which would not have been visible otherwise, e.g. related barcodes or stock items that have superseded the entered item.

Update to the Integrated Cashbook

The Integrated Cashbook now supports more than 200 rows. By default, it preallocates 200 rows (the maximum in previous versions), but it is now possible to add more rows by pressing the down arrow key while on the last row.

Updates to the GL Report Writer

This release adds setup options to the GL Report Writer, which provide more flexibility when setting up percentage-based columns, and allow report columns to be organised more neatly. Two new properties are available on the Report Column Setup window:



In previous versions, columns with the type "PERCENTAGE" would calculate <u>all</u> values in the column as percentages of a nominated total (the total is taken from the row specified by the **% Row sequence** setting). The new **%Range Row Seq** setting lets you specify a range for the percentage calculations—the report will calculate percentage values for all rows between the **%Range Row Seq** row and the **% Row sequence** row, and leave all other rows blank.

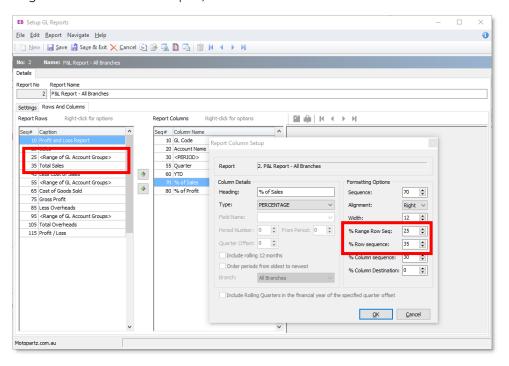
The new **%Column Destination** value lets you insert a range of percentage values into a different column. This allows you to set up multiple columns to calculate multiple ranges as percentages, then display all ranges in a single column on the printed report.

The new options are supported when printing GL Reports, when printing them with a Clarity template, and when exporting them to Excel.

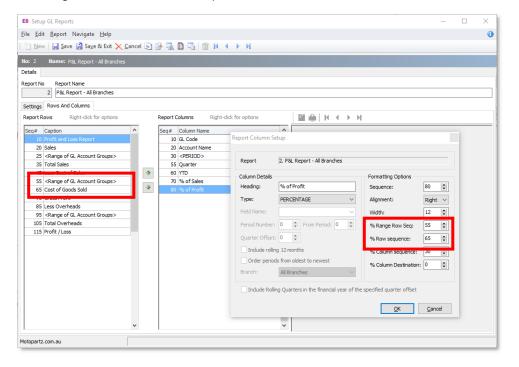
Note: If **%Range Row Seq** is set to -1, the system will behave as it did in previous versions and the **%Column Destination** setting will be ignored.

Example

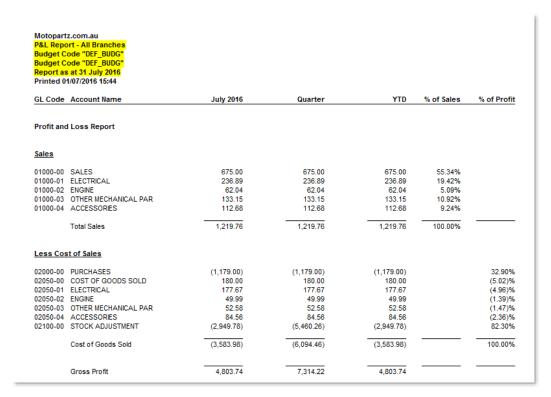
The screenshot below shows a "% of Sales" column, which expresses the values from column 30 (<PERIOD>) as percentages of row 35 (Total Sales). The **%Range Row Seq** property is set to 25, which means that percentages will only be calculated from row 25 (<Range of GL Account Groups>) to the Total Sales row.



A "% of Profit" column has also been set up to express the values from column 30 (<PERIOD>) as percentages of row 65 (Cost of Goods sold). The **%Range Row Seq** property is set to 55, which means that percentages will only be calculated from the second <Range of GL Account Groups> section to the Cost of Goods Sold row.

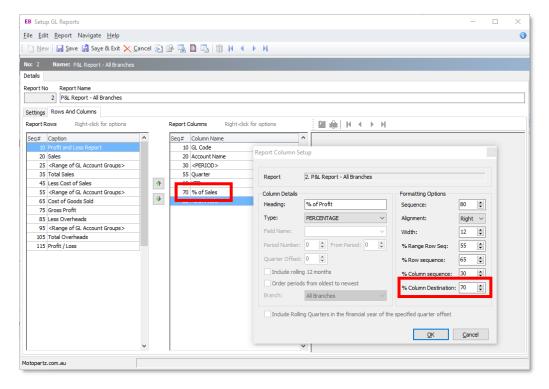


The effects of these settings can be seen when the report is previewed:



The "% of Sales" column contains percentage values for the Sales section only and the "% of Profit" column contains percentage values for the Less Cost of Sales section only.

This report contains a lot of blank space in the columns—the values from the "% of Profit" column can be moved into the "% of Sales column" by setting the "% of Profit" column's **% Column Destination** to 70 (the ID of the "% of Sales" column):



When previewed, the report now shows both sets of percentage values in the same column (which has been renamed to "% of Total").

Budget C Budget C Report as	z.com.au nt - All Branches ode "DEF_BUDG" ode "DEF_BUDG" at 31 July 2016 1/07/2016 15:46				
GL Code	Account Name	July 2016	Quarter	YTD	% of Total
Profit and	Loss Report				
Sales					
01000-00	SALES	675.00	675.00	675.00	55.34%
01000-01	ELECTRICAL	236.89	236.89	236.89	19.42%
01000-02	ENGINE	62.04	62.04	62.04	5.09%
01000-03	OTHER MECHANICAL PAR	133.15	133.15	133.15	10.92%
01000-04	ACCESSORIES	112.68	112.68	112.68	9.24%
	Total Sales	1,219.76	1,219.76	1,219.76	100.00%
Less Cos	t of Sales				
02000-00	PURCHASES	(1,179.00)	(1,179.00)	(1,179.00)	32.90%
02050-00	COST OF GOODS SOLD	180.00	180.00	180.00	(5.02)%
02050-01	ELECTRICAL	177.67	177.67	177.67	(4.96)%
02050-02		49.99	49.99	49.99	(1.39)%
	OTHER MECHANICAL PAR	52.58	52.58	52.58	(1.47)%
	ACCESSORIES	84.56	84.56	84.56	(2.36)%
02100-00	STOCK ADJUSTMENT	(2,949.78)	(5,460.26)	(2,949.78)	82.30%
	Cost of Goods Sold	(3,583.98)	(6,094.46)	(3,583.98)	100.00%
	Gross Profit	4,803.74	7,314.22	4,803.74	

ABN Verification

For Australian companies, Exo Business can now verify the Australian Business Numbers (ABNs) entered for Debtors and Creditor accounts using an online service provided by MYOB. A new profile setting, **Verification of the ABN against online resources**, is available to control what sorts of account the system should use the verification service for. This setting has the following options:

- None
- Debtors
- Creditors
- Debtors and Creditors (this is the default)

Online Connectivity Check

A new **Check Online Connectivity** button is available on the About Exo Business window (Help > About). Clicking this button checks the status of the Exo Cloud Services, which provide functions such as geolocation services, Bank Feeds and ABN verification (see above). If there are any problems with connectivity, an error message containing details of the problems will be displayed.

New Clarity Methods

This release adds new methods that can be used in Clarity reports.

ShowGLCode

```
procedure ShowGLCode(GLCode: string; HasBranch: Boolean);
```

This opens the specified GL account from a Clarity report. The GLCode can be either a single number, e.g. 1000, or a formatted string, e.g. 1000-10 or 2-1000-10.

For example, assuming a DBText field called GLAccNo, you can add an OnDrawCommandClick handler as follows:

```
procedure GLAccNoOnDrawCommandClick(aDrawCommand: TObject);
var
    lDrawText: TppDrawText;
begin
    lDrawText := TppDrawText(aDrawCommand);
    if lDrawText.Text <> '' then
        ShowGLCode(lDrawText.Text, False);
end;
```

FormatExoProtocolLink

function FormatExoProtocolLink(Command, Value: string): string; This will return an Exo protocol link for a specified Command and Value, e.g.

```
Link := FormatExoProtocolLink('draccount', 10);
```

This will return "exo://<current alias>/draccount(10)" into the link.

This function can be used with the DBText. Hyperlink property in Clarity. Add a Before Print handler to the detail band, e.g.

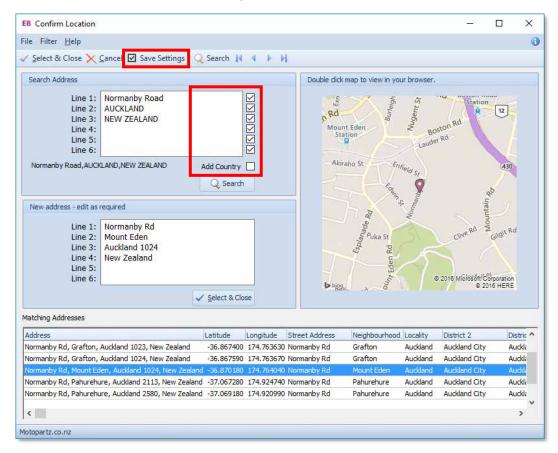
```
procedure DetailBeforePrint;
begin
   DBText1.HyperLink := FormatExoProtocolLink('draccount',
MASTER['ACCNO']);
end;
```

Clicking on this link will then launch/open Exo Business, then open the relevant Debtor account.

Note: ShowGLCode uses the Exo protocol handler to enforce security constraints, i.e. as with all Exo protocol links, users cannot use them to access part of the Exo Business system that they do not have access rights for.

Geolocation Updates

This release includes updates to the window that opens when Exo Business attempts to retrieve geolocation information for an address. The window has been reorganised to make it more compact, and features new controls that let you fine tune the way that accounts' addresses are matched to geolocation data.



The tick boxes next to each line in the **Search Address** panel can be used to exclude certain address lines from being matched; for example, if addresses have a building or unit number as the first line, this could be excluded from searches.

Note: You can also use the existing **Geo coding address format for Australia** and **Geo coding address format for New Zealand** profile settings to control how geolocation data is mapped to account addresses.

Ticking the new **Add Country** button automatically appends the country to the end of addresses if it is not already there, which can be useful if accounts' addresses do not usually include a country. (For Australian databases, "Australia" is appended; for New Zealand databases, "New Zealand" is.)

You can save these settings for all future searches by clicking the new **Save Settings** toolbar button.

Interface Updates

Windows Aero Theme

The Windows Aero theme is now enabled by default, providing a more modern interface that supports the Aero Flip and Peek features. These include enhanced ALT+TAB, CTRL+TAB and WINDOWS+TAB functionality which improve multitasking when working across several modules at once.

In previous versions, this theme had to be enabled by running Exo Business executables with the /AERO flag. This flag is no longer supported; instead a /NOAERO flag is now available to disable the default Aero theme.

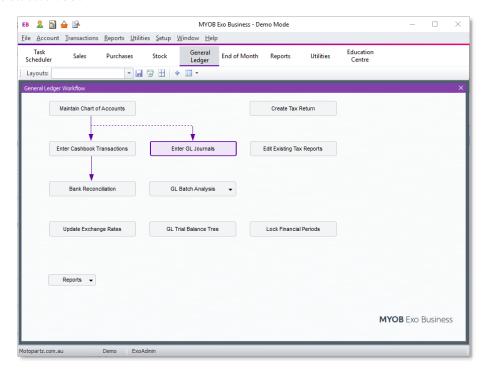
Window Resizing

The Exo Business interface now resizes proportionally to match the dimensions of the window. This affects the panes that make up each screen and various text entry fields, e.g. address fields.

Note: To save a window's size and position, right-click on the window's title bar and select **Form Position > Save**.

Rebranding

The MYOB Exo Employer Services suite of products has been rebranded with an all new look and feel:

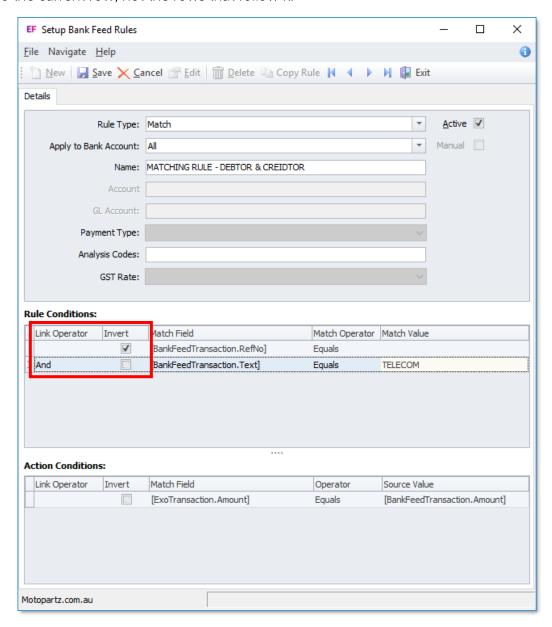


When the DBUpdate process is run to upgrade to this version, the system attempts to install the new default Business Flow Menus. If no Business Flow Menus are in use, the default ones will be installed; if an older default menu is in use, the system will attempt to upgrade it to the new look.

For systems that use customised Business Flow Menus, new template menus are available in MYOB Exo Configurator at **Staff > Menus > Business Flow Menu**—these templates can be used as the basis for new customised menus.

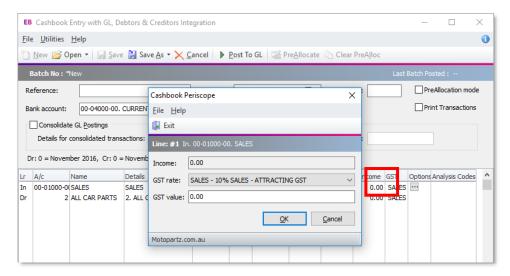
Bank Feed Setup Columns

The columns on the Setup Bank Feed Rules window to make the setup process more intuitive. The **Link Operator** and **Invert** columns are now on the left side of the Rule Conditions and Action Conditions sections, making it clearer that these operators apply to the current row, not the rows that follow it.



Cashbook Periscope

The Options column on the Integrated Cashbook window contains an edit button for Expense and Income transactions; this button opens the Cashbook Periscope window, where GST details for the line can be edited:

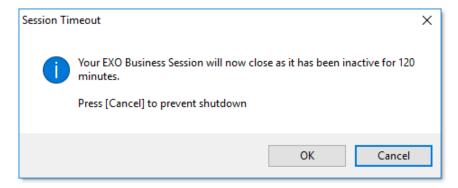


Session Idle Timeout

This release adds the ability to configure an idle timeout for users, by configuring the new **Idle session timeout period in minutes** User-level profile setting. If this setting has a value greater than zero, then users will be logged out after a period of inactivity that exceeds the entered value (in minutes).

Note: Because this is a User-level profile setting, you can set different timeouts for different users, or have no timeout for some users.

A warning message appears when the idle timeout has been exceeded:



The user has 60 seconds to cancel, after which their session is ended and they are logged out of Exo Business. Their database connection is closed, any locks they had on records will be removed, and their licence will be freed up. If they had left any changes unsaved, these changed will be lost.

Note: Some key business processes are exempt from the timeout, including the MYOB Exo Configurator application.

Resolved Issues

Exo Business Core

Service Request ID	Description
12352902445 11302389807 11515306213 11515956252 11515956440 11379930268 11379930498 11063280732 11379930611 12233122561 12596471411 12596471416 19684004841 122129855511 133831029671	When a GL Report was set up with one or more columns of the "PERCENTAGE" type, percentages were not calculated correctly; the report would calculate <u>all</u> values in the column as a percentage of the nominated total row, even if those values were not related to the total row. This has been resolved; new properties on the Setup GL Reports window let you specify the range of values that should be calculated as percentages—see page 17.
12352902445 11302389807 11515306213 11515956252 11515956440 11379930268 11379930498 11063280732 11379930611 12233122561 12596471411 12596471416 19684004841 122129855511	This release adds features to the GL Report Writer that improve the behaviour of percentage columns and allow multiple percentage ranges to be included in one report—see page 22.
13235219285 17216787952 18018803531 15903398501 13260369741 13156398801 13034026311 132278101371 128120253431 124824014861 113992313731 113292901361 111377650945	This release adds the profile setting Suppress contact history notes , which allows you to prevent history notes being created when adding or removing contacts from CRM contact lists and/or when emailing invoices to customers—see "Appendix 1: Profile Settings" on page 36 for details.
12597484594 12580392125 13307252531	The Integrated Cashbook now supports more than 200 rows—see page 22 for details.
11141712784 127355264001 12082928065 11140342613 12082928017 12293056199 18113206171 18113206176 18113206180 18113206184 18113206196 18113206200 12082928071 12082928053 12082928059	 This release resolves the following issues involving the End of Period/End of Year process: After running the End of Year process, the first period in the new year would have start and end dates from the previous year. If the End of Year process was run for one ledger, then run again for the remaining ledgers, the year would become incorrect. To prevent a user accidentally rolling the same period twice, the system now checks if any ledgers are being posted before their period end date, and warns the user if they are.
12295703977 12288245295 116334346101 116468533364 116468533341 119273598511 121041451435 120671201461 136190626941	GL Reports would not display any data if the Period Year in Header option was ticked on the Setup GL Reports window. This has been resolved.
11075722975 11018048658 11990950021 13030789391 18771499761	This release makes it easier to copy Business Flow Menus for Exo Job Costing and Exo CRM from one menu to another.

Resolved Issues

16972344449 15953474361 16933645641 135029221071	In previous versions, stock item images (specified on the Web tab of the Stock Item Details window) supported the GIF, JPG and BMP formats only. This release adds support for PNG, ICO, EMF and WMF image files.
134304289620 134402430491 113992313941	When documents were imported to the Documents tab of an account, the document date would NULL if the file was open in another application. This has been resolved.
12330152604 136188115531 12320409901	The Validate debtor order numbers profile setting saved the wrong default value, which meant that orders could be saved without an order number even if the Debtor's Need Ord No option was ticked. This has been resolved.
121041451435 120671201461 136190626941	GL Reports showed no data if the Period Year in Header option was ticked. This has been resolved.
12016709708 12837745666	On the Rows and Columns tab of the Setup GL Reports window, after adding, editing, or deleting a row, focus always jumped to the top row of the grid. This has been resolved.
125444195225 125126178911	Processing an Inwards Goods Receipts with a manual on-cost wrote an incorrect GL batch number to the STOCK_TRANS table, which meant that when transactions were posted to the General Ledger, the system would update the GL batch number of unrelated transactions. This has been resolved.
136306006888 136279426721	When using fully-tracked serial numbers, old serial numbers (more than 10,000 records back) were not updated to "In Stock" following Adjust In stock adjustments. This has been resolved.
11698333175 11693304101 138461512757 138457032352	This release includes enhancements to the Stock Search functionality when using the ? wildcard—see page 21.
11609682359 11596213551 134251696601 11696803008 11613582591 11050594878	This release addresses the following issues relating to the Manual Cheque screen of the Creditors Payment Processor: • The error message 'Grid out of range.' appeared when tabbing to a
11030354676	 new line. This has been resolved. The error message 'List index out of bounds (-1).' appeared when entering a negative Expense. This has been resolved.
	 This release adds support for Analysis Codes to the Manual Cheque screen.
12312747338 12302338353	If the Analysis Codes column on the Integrated Cashbook windows was hidden (by enabling the Hide Analysis Codes Column profile setting), some of the other columns, such as GST , could not be seen without scrolling. This has been resolved.
116259668941	This release adds support for NVARCHAR Extra Fields. While it was always possible to manually insert Extra Fields as NVARCHAR, changes in recent releases meant that such Extra Fields could not be edited in Exo Business Config; this has been resolved.
131782658581	When emails or documents were dragged onto an account's Documents tab, they were always stored in the Exo Business database, which could cause the database to become overly large over time. Drag and drop operations onto the Documents tab now use the Documents stored in database profile setting to determine whether documents should be stored or linked to.

Resolved Issues

genera such ca	get that expected a contextual link to a record was added to a dashboard, an exception would occur. This has been resolved; in ses the system now handles the exception and the widget simply no data.
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Exo Job Costing

Service Request ID	Description
11094254364 136050627971 14635646251 11035344731	When using the Create Asset function to create a batch-tracked item from batch-tracked component items, the system did not prompt for a batch number for the output item. This has been resolved.

Known Issues

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

Installation/Upgrade Issues

- If you are using the MYOB Exo Business Installation Wizard to install an instance of SQL Express, the following must be must be present on the PC:
 - o .NET Framework 3.5 SP1 you can download this from: http://go.microsoft.com/fwlink/?LinkId=120550
 - Windows Installer 4.5 you can download this from: http://go.microsoft.com/fwlink/?LinkId=123422
 - o Windows PowerShell 1.0 you can download this from: http://go.microsoft.com/fwlink/?LinkId=120552
- 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 CHM 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. (This issue does not apply if you are viewing online Help files on the Exo Business Education Centre.)

Demo Data Issues

The stored procedure SP_DEMO_DATA_DATE_UPDATER, which updates the data in demo databases to the current date, was updated in Exo Business 8.4. This stored procedure is only available in the EXO_DEMO database, which means that any existing demonstration databases used by partners will not be able roll their demo data forward; these databases will need to be re-created based on the updated EXO_DEMO database in order to use the updated SP_DEMO_DATA_DATE_UPDATER procedure.

Job Costing Resource Issues

When a resource allocation is created, an Activity for the relevant staff member is automatically created in the Exo Business system; however, if the resource is not associated with a staff member, the Activity will not appear on the Activity Search widget on the Task Scheduler tab.

As a workaround, a dummy staff account can be created to associate non-staff Resources with.

SQL Server 2012 Issues

All versions of SQL server 2012 exhibited a subtle, but now well-known change in default behaviour with regard to identity or auto number sequences. In MYOB Exo Business, this would be experienced as an unexpected anomaly where number sequences could apparently spontaneously jump by increments of 1000 if the SQL server was restarted.

This behaviour was reversed in SQL server 2014, but no known solution exists for completely preventing this behaviour in any versions of SQL server 2012, other than to upgrade to SQL server 2014 to completely eliminate the potential for this issue to occur.

SQL Server 2008 R2 prior to SP3

MYOB Exo Business uses a SQL Server feature called Common Language Runtime Integration. This feature was disabled by default in versions of SQL Server 2008 R2 prior to Service Pack 3. If this feature is not enabled, users may encounter the following error during the upgrade process:

Updating server configuration: 'clr enabled'

Appendix 1: Profile Settings

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

Name	Profile Name	Level	Description	Default	Refer
Idle session timeout period in minutes	IDLETIMEOUT	User	Users are logged out if they remain active for the entered amount of time entered here (in minutes). If a value of zero is entered, no idle timeout will be applied.	0	page 30
Suppress contact history notes	CONTACT_HIST_SUPPRESS_ ACTIONS	Company	 Specify the actions for which history notes should <u>not</u> be created. Enter one or more of the following options: L – Suppress history notes when adding or removing contacts from CRM contact lists. I – Suppress history notes when emailing invoices to customers. 	blank	page 31
Verification of the ABN against online resources	ABNCLOUDVALIDATION	User	Choose whether or not to verify ABNs entered for Debtors and/or Creditors using the MYOB's online service.	Debtors and Creditors	page 25

Exo Business 2016.3 Release Notes

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