

*myridas*TM *User Guide*

Version 9.0 for Microsoft Dynamics™ GP 9.0

Advanced Inventory Replenishment

Trinity Computer Services Limited

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Using this Guide

The graphics in this document are best viewed or printed with Adobe Acrobat Reader version 4.0 or above.

This guide provides user notes for the Myridas Advanced Inventory Replenishment module:

- Advanced Inventory Replenishment



The mouse symbol has been used throughout the manual to help guide you to the location of windows in the software. See [Appendix A](#) for a list of Myridas windows and their location in the software.

A full range of tutorials is also available on our website, <http://www.trinitypartner.com>.

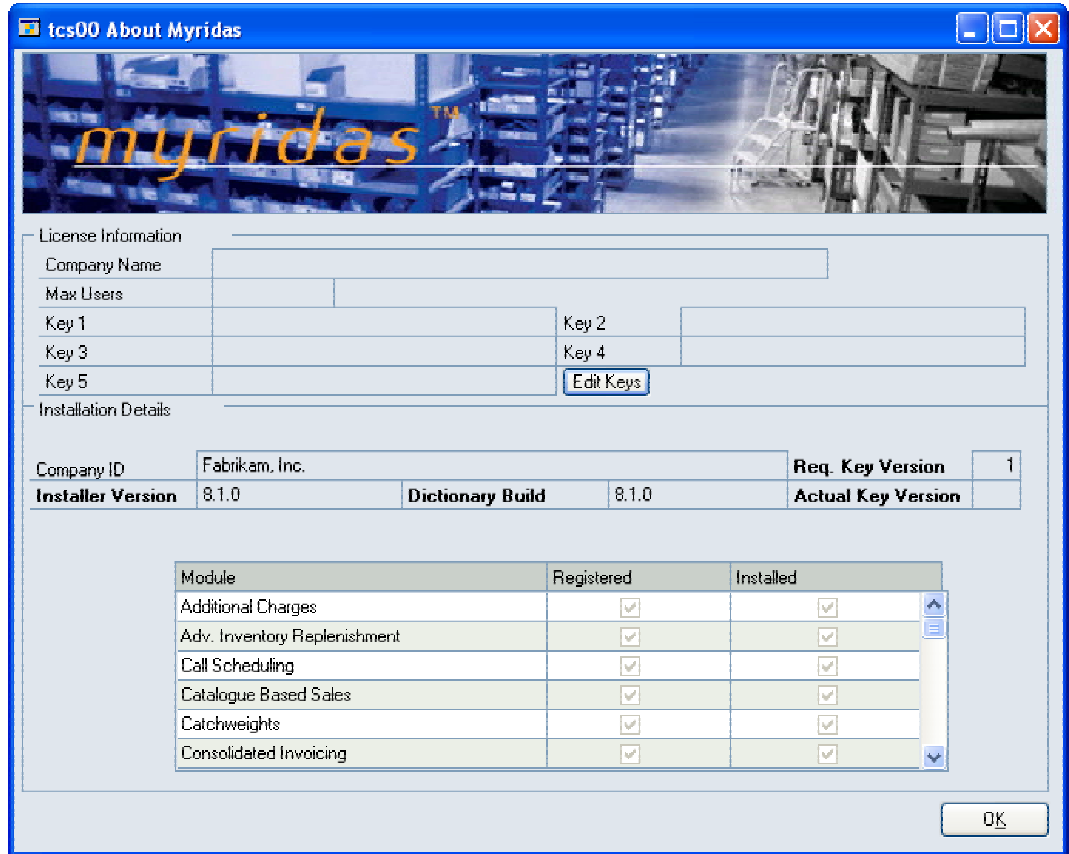
About Myridas



Help >> About Myridas

Use the About Myridas window to check your license information and installation details. The window will tell you which Myridas modules you are registered to use and which have been installed on your system.

The About Myridas window



Advanced Inventory Replenishment

The Advanced Inventory Replenishment module provides you with functionality to accurately record and analyse your stock demand. You can set up calendars on which to define period demand using the [Calendar Maintenance window](#). You can then select from a number of industry standard inventory replenishment calculations to predict stock demand. Item / site demand can be reviewed and maintained through the feature-rich [Demand Review window](#) and the analysis used as a basis for automatically generating purchase orders.

The main features of the Advanced Inventory Replenishment module are:

- Set up user-defined calendars on which to record stock demand figures
- Select specified items / sites for inclusion in inventory replenishment
- Predict stock demand figures on a variety of industry standard calculation methods
- Flexibility to use different calculation methods for different items / sites
- Rank items by their demand
- Comprehensive review of inventory replenishment figures
- Manually adjust stock demand figures as required
- New line point quantity included in automatic purchase order generation
- Drill-downs and enquiries to provide comprehensive detail of inventory replenishment figures

Note that the Myridas Vendor Price Management module is a pre-requisite for the Advanced Inventory Replenishment module.

Calculation Method Types

The Advanced Inventory Replenishment module has been designed to reflect standard industry methods for calculating, analysing and planning inventory replenishment. Calculation method types are enabled using the [Calculation Methods Maintenance window](#) and can be assigned to item / site combinations using the [Item / Site Range Allocation window](#) and the [Item / Site Inventory Replenishment Maintenance window](#). You can view how various calculation methods calculate demand for an item using the [Demand Review - Calculation Method Analysis window](#) and select alternative calculation methods as required.

It is recommended that before using the inventory replenishment module you familiarise yourself with the inventory replenishment white papers written by Jon Schreiber and available for download from the Microsoft website.

http://www.microsoft.com/BusinessSolutions/industry/wholesale_distribution_whitepapers.aspx

Calendars and Demand Periods

Calendars on which to define period demand for item / site combinations are set up using the [Calendar Maintenance window](#). You can choose to set up calendars based on three period frequency types:

Calendar Monthly	Demand will be recorded in 12 periods per year
Four Weekly	Demand will be recorded in 13 periods per year
Weekly	Demand will be recorded in 52 periods per year

If required you can create calendar years for each period frequency type. Once you have set up calendars and periods you can assign a period frequency type to item / site combinations using the [Inventory Replenishment Setup window](#). You can then specify a monthly period demand for an item / site combination using the [Item / Site Inventory Replenishment Maintenance window](#). The monthly period demand can be reviewed for suitability using the [Demand Review window](#) as and when required.

Item Ranking

Item ranking functionality enables you to assign ranks to items based on their usage. For example, your most popular items would be rank A whilst your least popular items would be rank X. Assign ranks to multiple items using the [Inventory Replenishment - Item Ranking wizard](#) or single items using the [Item / Site Inventory Replenishment Maintenance window](#). You can select to filter items by rank when reviewing demand figures in the [Demand Review window](#).

Line Point Quantity

The line point quantity is used as an alternative trigger to the order point quantity in [Purchase Order Generator](#). It is made up of the minimum weeks stock + creditor lead time (weeks) + creditor period frequency x current weekly demand

For further details how line point quantities are used in inventory replenishment please refer to the inventory replenishment white papers written by Jon Schreibfeder and available for download from the Microsoft website.

http://www.microsoft.com/BusinessSolutions/industry/wholesale_distribution_whitepapers.aspx

Setup

1. Calendar Maintenance window



Tools >> Setup >> Myridas >> Inventory Replenishment >> Calendar Maintenance

Use the Calendar Maintenance window to:

- Set up calendar years

The Calendar Maintenance window

Period	Period Name	Start	End
1	Jan 07	01/01/2007	31/01/2007
2	Feb 07	01/02/2007	28/02/2007
3	Mar 07	01/03/2007	31/03/2007
4	Apr 07	01/04/2007	30/04/2007
5	May 07	01/05/2007	31/05/2007
6	Jun 07	01/06/2007	30/06/2007
7	Jul 07	01/07/2007	31/07/2007
8	Aug 07	01/08/2007	31/08/2007

1.1 Setting Up Calendars for Inventory Replenishment

To set up calendars for inventory replenishment in the Calendar Maintenance window:

1. From the Period Frequency drop-down menu select Calendar Monthly, Four Weekly or Weekly. This selection establishes what demand periods are to be used.

Calendar Monthly	Demand will be recorded in 12 periods per year
Four Weekly	Demand will be recorded in 13 periods per year
Weekly	Demand will be recorded in 52 periods per year

Note that if required you can create years for each period frequency type.

2. In the Year field enter the year that you want to be enabled for inventory replenishment, or select one using the lookup.

Once you have created an inventory replenishment year, other years you create must be run sequentially to the ones that have already been created. For example, if you have set up the year 2005, you cannot set up the year 2007 until you have set up the year 2006.

3. Enter a description for the year.
4. The first time you create an inventory replenishment year you should enter a date in the Period Start Date field. Any date may be entered though generally it will be the start of the financial and / or calendar year.

The end date for the period will always default to 12 months from the entered start date.

The start date for all entered years will always be the same as that entered for the first created year. For example if you set the period start date for sales pattern year 2005 to be 01/04/05, then the period start date for sales pattern year 2006 would by default be 01/04/06.

5. Click the Calculate button. Period details (period number, period name and period start date) will be generated in the scrolling window. The period name can be amended manually as required.

If you want to reset the period details back to the original defaults click the Calculate button again.

6. Click Save.

Deleting inventory replenishment years

Click the Delete button to delete inventory replenishment years. Note that you can only delete a year that is at one end of a cycle. For example, if you have set up years from 2005 to 2009, you could not delete 2008 until 2009 has been deleted.

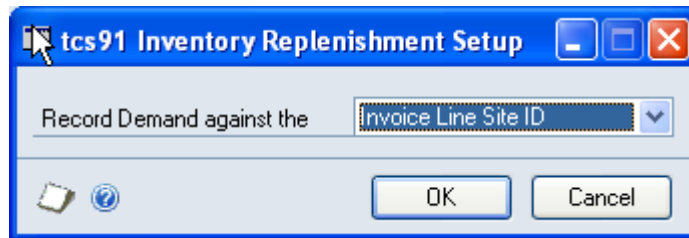
2. Inventory Replenishment Setup window



Tools >> Setup >> Myridas >> Inventory Replenishment >> Setup

Use the Inventory Replenishment Setup window to:

- Indicate whether demand should be recorded against the invoice site or the usual site for the delivery address



2.1 Setting Up demand recording

To set up demand recording using the Inventory Replenishment Setup window:

1. From the drop-down menu select whether to record demand against the Invoice Line Site or the Delivery Address Site.
2. Click OK to close the window.

3. Inventory Replenishment Period Frequency Setup window



Tools >> Setup >> Myridas >> Inventory Replenishment >> Period Frequency Setup

Use the Inventory Replenishment Period Frequency Setup window to:

- Set up items and sites for demand recording

The Inventory Replenishment Setup window

Period Frequency: Weekly

The Period Frequency will be applied to the following range of Items and Sites:

Item Number	<input type="radio"/> All	<input checked="" type="radio"/> From:	2-A3284A	<input type="radio"/> To:	256 SDRAM
Generic Description	<input checked="" type="radio"/> All	<input type="radio"/> From:		<input type="radio"/> To:	
Class ID	<input checked="" type="radio"/> All	<input type="radio"/> From:		<input type="radio"/> To:	
Site ID	<input checked="" type="radio"/> All	<input type="radio"/> From:		<input type="radio"/> To:	

Item Number	Site ID	Generic Desc	Class ID
Item Description			

Buttons: Preview, Apply, OK

Note that until you have assigned item / site combinations to a period frequency using this window then they will not be available for inventory replenishment functionality.

3.1 Setting Up Items and Sites for Demand Recording

To set up items and sites for demand recording using the Inventory Replenishment Setup window:

3. From the drop-down menu select a period frequency. You can select from calendar monthly, four weekly or weekly.

This is the frequency with which demand will be reviewed.

Note that you can only assign period frequencies to item / site combinations that are not currently assigned to a period frequency.

4. All item numbers, generic descriptions, class IDs and site IDs will be selected by default. Accept these selections or click the From buttons and enter range values or select them using the lookups.
5. Click Preview. All item / site combinations in the selected range will be displayed in the scrolling window.
6. Click Apply to enable inventory replenishment functionality for selected items / sites, based on the selected period frequency. A dialogue box will ask you to confirm that you want to apply inventory processing functionality to the selected items.
7. Click OK to close the window.

4. Calculation Methods Maintenance window

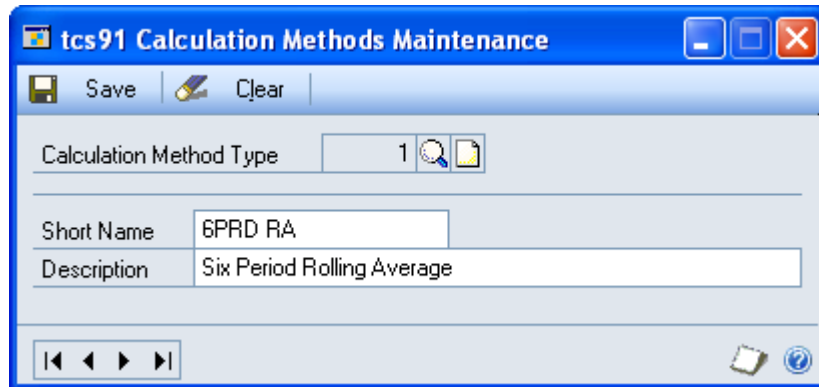


Tools >> Setup >> Myridas >> Inventory Replenishment >> Calculation Methods Maintenance

Use the Calculation Methods Maintenance window to:

- Manage calculation methods

The Calculation Methods Maintenance window



Note that prior to setting up any further inventory replenishment details you must open this window to enable demand of calculation types.

The calculation types are based on standard demand forecast calculation methods. For further details on calculation types see the white papers written by Jon Schreibfeder, available for download from the Microsoft website.

http://www.microsoft.com/BusinessSolutions/industry/wholesale_distribution_whitepapers.aspx

4.1 Managing Calculation Methods

To manage calculation methods using the Calculation Methods Maintenance window:

1. Use the lookup to select a calculation method type.
2. Amend the short name and description as required.
3. Click Save and close the window.

Cards

5. Item / Site Range Allocation window



Cards >> Myridas >> Inventory Replenishment >> Item/Site Range Allocation

Use the Item / Site Range Allocation window to:

- Assign calculation methods and stock details to ranges of items

*The Item / Site
Range
Allocation
window*

Item Number	Site ID	Calculation Method	Min Weeks Stock Rank	Class ID	Order Up To Generic Desc
100XLG	EP1			0	0
100XLG	INTRANS1			0	0
100XLG	NORTH			0	0
100XLG	WAREHOUSE			0	0
100XLG	WC1			0	0
100XLG	WC2			0	0

5.1 Assigning Calculation Methods and Stock Details to Ranges of Items

To assign calculation methods and stock details to ranges of items using the Item / Site Range Allocation window:

1. Enter a calculation method type or select one using the lookup.

Alternatively if you do not want to enter a calculation method type then click the checkbox to deselect it.

2. Enter a minimum weeks stock quantity.

Alternatively if you do not want to enter a minimum weeks stock quantity then click the checkbox to deselect it.

3. Enter an order up to weeks quantity.

Alternatively if you do not want to enter an order up to weeks quantity then click the checkbox to deselect it.

4. All item numbers, generic descriptions, class IDs, site IDs and item ranks will be selected by default. Accept these selections or click From and enter range values or select them using the lookups / drop-down menus.
5. There are now three further options to further restrict your range criteria.

For calculation method type, minimum weeks stock and order up to weeks you can select from the following options:

Unassigned	Only records not currently assigned will be included.
Any	All records will be included.
Specified	Enter or select criteria. Only records currently assigned to these criteria will be included.

6. Click Preview to display the selected range in the scrolling window.
7. Click Apply to apply the entered details to the selected range. A dialogue box will ask if you are sure you want to make this selection. Click Yes.
8. Click OK to close the window.

6. Item / Site Inventory Replenishment Maintenance window



Cards >> Myridas >> Inventory Replenishment >> Item/Site Maintenance

Use the Item / Site Inventory Replenishment Maintenance window:

- Assign inventory replenishment details to item / site combinations

*The Item / Site
Inventory
Replenishment
Maintenance
window*

6.1 Assigning Inventory Replenishment Details to Item / Site Combinations

To assign inventory replenishment details to item / site combinations using the Item / Site Inventory Replenishment Maintenance window:

1. Enter an item number or select one using the lookup.
2. Enter a site ID or select one using the lookup or browse buttons.
3. Current inventory replenishment details for the selected item / site combination will be displayed. With the exception of the Period Frequency all these details can be amended as required.

Calculation Method Type	The method used for calculating inventory replenishment.
Current Period Demand	The quantity demand for the current period. Enter a quantity.
Item Ranking	The ranking for the item compared to sales

	of other items from the same site over the same period.
Number of Periods to use in Forecast Accuracy Calculation	Defines how many periods to read when calculating the average difference between calculation methods in the Demand Review - Calculation Method Analysis window .

4. If required click to deselect the Allow Item Rank Wizard to Adjust Rank option. This will stop adjustments to the items ranking been made through the [Inventory Replenishment - Item Ranking Wizard](#).
5. Click Save then close the window.

*Deleting item / site
inventory
replenishment details*

Click Delete to delete any item / site inventory replenishment details.

Note that you can click Clear at any point to close the window.

7. Line Point Maintenance window



Cards >> Myridas >> Inventory Replenishment >> Line Point Maintenance

Use the Line Point Maintenance window to:

- Calculate line point quantities

The Line Point Maintenance window

Site ID	WAREHOUSE
Main Site	
Creditor ID	ADVANCED0001
Advanced Office Systems	
Creditor Item Number	100XLG
Green Phone	

Creditor Period Frequency	2.000
Current Weekly Demand	46
Creditor Lead Time (Weeks)	1.000

Minimum Weeks Stock	2
Order Up To Weeks	6

Safety Stock	92
--------------	----

Order Point	138
-------------	-----

Order Up To Level	276
-------------------	-----

Line Point	230
------------	-----

Current Weekly Demand	46
Minimum Weeks Stock	2
Safety Stock	= 92

Minimum Weeks Stock	2
Creditor Lead Time (Weeks)	1.000
Current Weekly Demand	46
Order Point	= 138

Order Up To Weeks	6
Current Weekly Demand	46
Order Up To Level	= 276

Minimum Weeks Stock	2
Creditor Lead Time (Weeks)	1.000
Creditor Period Frequency	2.000
Current Weekly Demand	46
Line Point	= 230

7.1 Calculating Line Point Quantities

To calculate line point quantities in the Line Point Maintenance window:

1. Enter a site ID or select one using the lookup.
2. Enter a creditor ID or select one using the lookup.
3. Enter a creditor item number or select one using the lookup.

If the selected creditor is the primary creditor for the item then the Primary Creditor checkbox will be marked. Values calculated in the window can only be saved if the selected creditor is the primary creditor for the selected item.

However you can still use the link buttons for most fields to save any required values in alternate windows.

Creditor Period Frequency	The standard frequency with which you order from a supplier. Set in the Vendor Pricing - Extra Details window.
Current Weekly Demand	The weekly sales of the item. Based on the current period demand set in the Item / Site Inventory Replenishment Maintenance window or as updated by through the Demand Review window .
Creditor Lead Time (Weeks)	The planning lead time set in the Item Creditors Maintenance window.

4. Enter a minimum weeks stock quantity and an order up to weeks quantity. These can be re-entered and recalculated as many times as required.
5. Click the Recalculate button. Quantity details will be recalculated and displayed.

The safety stock, order point and order up to level can all be maintained through the Item Resource Planning window.

The line point quantity is used as an alternative trigger to the order point quantity in Purchase Order Generator.

6. If you have selected a primary creditor then you can click Save. Otherwise close the window.

Deleting line point details

Note that you can click Delete to delete minimum weeks stock and order up to weeks for the displayed site ID / creditor ID / creditor item number.

Routines

8.1 Inventory Replenishment - Item Ranking Wizard



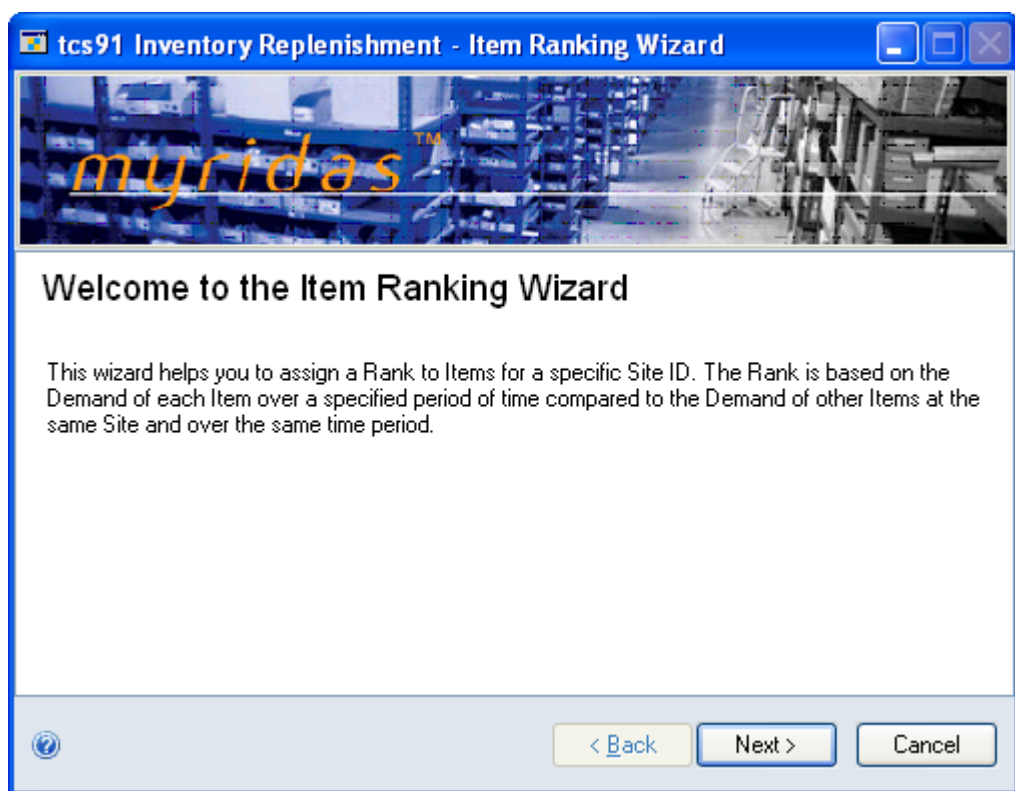
Tools >> Routines >> Myridas >> Inventory Replenishment >> Item Ranking wizard

The Inventory Replenishment - Item Ranking wizard allows the user to assign ranks to items. An item rank is based on the demand for each item over a specific period of time, compared to the demand for other items on the site over the same period of time.

Use the Inventory Replenishment - Item Ranking Wizard to:

- Assign ranks to items

*The Inventory
Replenishment -
Item Ranking
Wizard*



8.1.1 Using the Inventory Replenishment - Item Ranking Wizard

1. Click the Next button to display the next window.

Note that you can click Cancel on this or any other Inventory Replenishment - Item Ranking Wizard screen to close the Wizard.

Note also that you can click the Back button on any other Inventory Replenishment - Item Ranking Wizard screen to return to the previous screen.

8.2 Item Ranking - Site ID screen

The Item Ranking - Site ID screen



tcs91 Inventory Replenishment - Item Ranking Wizard

Item Ranking - Site ID myridas™

Select the Site ID to perform the Item Ranking on:

Site ID

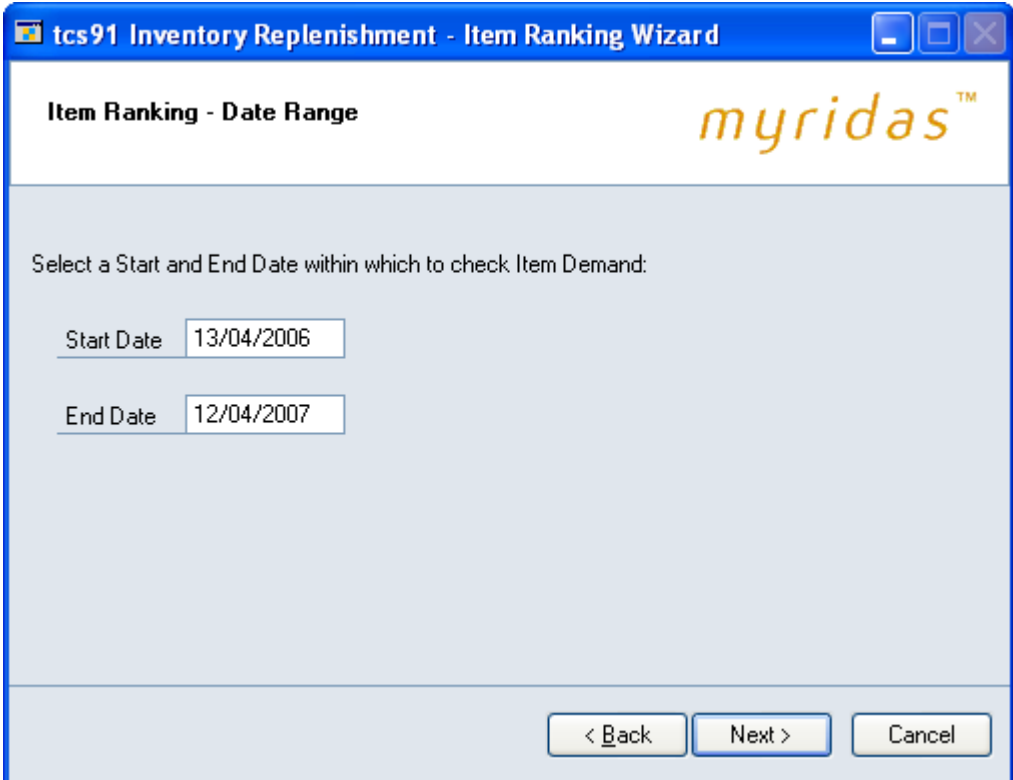
< Back Next > Cancel

8.2.1 Using the Item Ranking - Site ID screen

1. Select a site ID from the drop-down menu.
2. Click the Next button to display the next screen.

8.3 Item Ranking - Date Range screen

The Item Ranking - Date Range screen



tcs91 Inventory Replenishment - Item Ranking Wizard

Item Ranking - Date Range *myridas*TM

Select a Start and End Date within which to check Item Demand:

Start Date

End Date

< Back Next > Cancel

8.3.1 Using the Item Ranking - Date Range screen

1. Enter a start date for when item demand should be checked.
2. Enter an end date for when item demand should be checked.
3. Click the Next button to display the next screen.

8.4 Item Ranking - Breakpoints screen

The Item Ranking - Breakpoints window

Breakpoint A:	80%
Breakpoint B:	15%
Breakpoint C:	4%
Breakpoint D:	1%
Breakpoint X:	0% (Excluded)

8.4.1 Using the Item Ranking - Breakpoints screen

1. This screen enables you to select how your items will be ranked. For each breakpoint you should accept the default settings or enter new settings as required.

The percentages are based on sales transaction quantities. For example, if you have 80% as Breakpoint A and 15% as Breakpoint B then the fastest moving 80% of your stock would achieve Rank A, the next 15% would achieve Rank B and so on.

2. Click the Preview button to display the next screen.

8.5 Item Ranking - Preview screen

The Item Ranking - Preview screen

Item Number	Num Transactions	Curr Rank	Sugg Rank	Adjust
100X LG	23	A	A	<input checked="" type="checkbox"/>
128 SDRAM	11	D	D	<input checked="" type="checkbox"/>
24X IDE	33	A	A	<input checked="" type="checkbox"/>
256 SDRAM	0	X	X	<input checked="" type="checkbox"/>
32 SDRAM	0	X	X	<input checked="" type="checkbox"/>
X 32X IDE	6	B	B	<input type="checkbox"/>
333PROC	0	X	X	<input checked="" type="checkbox"/>
4.5HD	0	X	X	<input checked="" type="checkbox"/>
400PROC	0	X	X	<input checked="" type="checkbox"/>
40X IDE	1	C	C	<input checked="" type="checkbox"/>

8.5.1 Using the Item Ranking - Preview screen

1. All items for the selected site will be displayed in the scrolling window with the number of transactions they appeared on in the selected date range, their current ranking and their suggested ranking.



Note that if you have selected to not allow the item wizard to update an item in the [Item / Site Inventory Replenishment Maintenance window](#) then it will be denoted with a red cross and you will be unable to select it for adjustment.

2. You can select alternate suggested ranks from the drop-down menu as required.
3. All lines will be selected for Adjust by default. You can click on the Adjust checkbox for individual items to select / deselect them, or use the Mark All / Unmark All buttons.

Items selected for Adjust will be updated to the Suggested Rank.

4. Click the Preview button to display the next screen.

8.6 Item Ranking - Completing screen

The Item Ranking - Completing screen

tcs91 Inventory Replenishment - Item Ranking Wizard


myridas™

Completing the Item Ranking Wizard

You have selected to adjust the Item Rank for Item Numbers at:

Site ID

Based on Item Demand from to

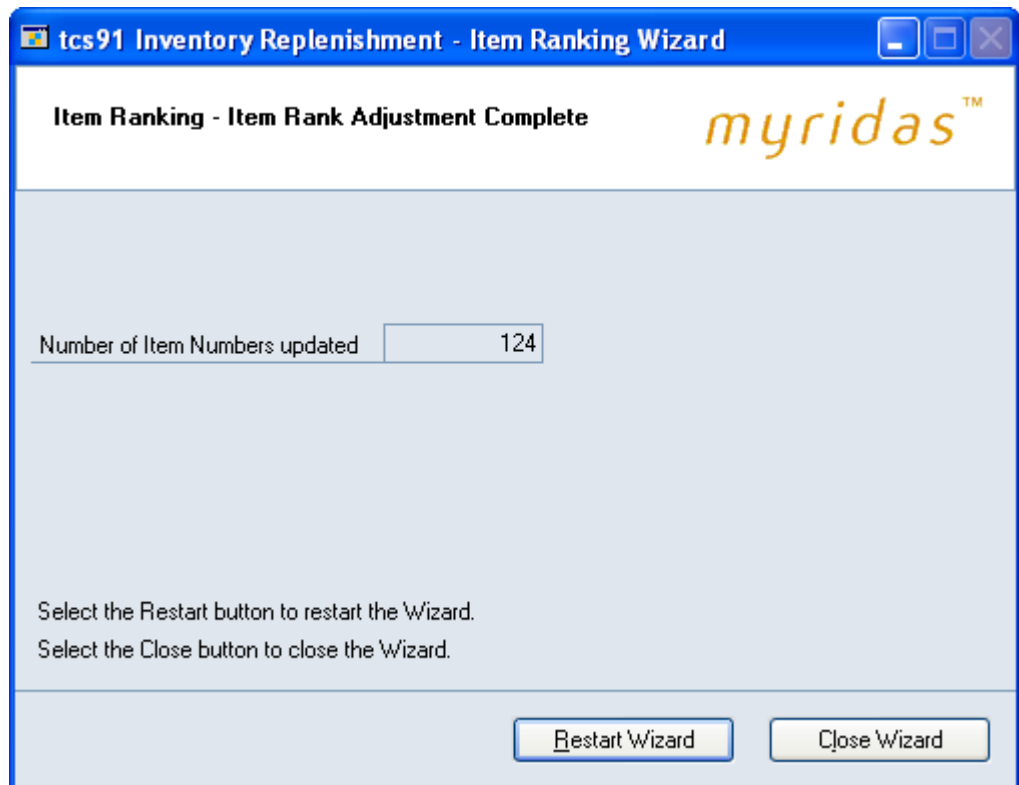
 When you choose Finish, the selected Item Numbers' Ranks will be adjusted.

8.6.1 Using the Item Ranking - Completing screen

1. The selected site ID and date range are displayed.
2. Click Finish to update selected item rankings.

8.7 Item Ranking - Completed screen

The Item Ranking - Completed screen



8.7.1 Using the Item Ranking - Completing screen

1. The number of items with item rankings updated will be displayed.
2. Click Restart Wizard to update more item rankings or Close Wizard to close the wizard.

9. Demand Review window



Tools >> Routines >> Myridas >> Inventory Replenishment >> Demand Review

Use the Demand Review window to:

- Review demand figures

The Demand Review window

Item Number	-6	-5	-4	-3	-2	-1	Current EPD	Calculation Method	Forecast EF
100XLG	0	0	0	0	0	18	0	6PRD RA	
24X IDE	0	0	0	0	0	0	0	6PRD RA	
ACCS-CRD-12WH	0	0	0	22	26	12	0	6PRD RA	
ACCS-CRD-25BK	0	0	0	4	0	6	0	6PRD RA	
ACCS-RST-DXBK	0	0	0	6	0	78	0	6PRD RA	
ACCS-RST-DXWH	0	0	0	10	0	42	0	6PRD RA	
ANSW-ATT-1000	0	0	0	6	2	0	0	6PRD RA	
ANSW-PAN-1450	0	0	0	2	0	34	0	6PRD RA	
FAXX-CAN-9800	0	0	0	20	18	46	0	6PRD RA	
FAXX-RIC-060E	0	0	0	2	0	4	0	6PRD RA	
HDWR-PNL-0001	0	0	0	12	0	4	0	6PRD RA	
HDWR-RNG-0001	0	0	0	0	0	18	0	6PRD RA	
HDWR-SRG-0001	0	0	0	0	0	16	0	6PRD RA	
LOBSTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6PRD RA	0.0
PHON-ATT-53BK	0	0	0	12	0	6	0	6PRD RA	
PHON-ATT-53BL	0	0	0	10	0	6	0	6PRD RA	
PHON-ATT-53RD	0	0	0	0	0	8	0	6PRD RA	
PHON-ATT-53WH	0	0	0	18	0	2	0	6PRD RA	
PHON-PAN-2315	0	0	0	8	0	12	0	6PRD RA	
SOFT-PHM-0001	0	0	0	0	0	0	0	6PRD RA	

9.1 Reviewing Demand Figures

To review demand figures in the Demand Review window:

1. All sites, creditors and calculation methods will be selected by default. Accept these settings or click the Specific button and enter or select specific details to review.
2. All item ranks will be selected by default. You can choose to view items from a specific item rank only by selecting from the drop-down menu.
3. For the Only show items with a forecast variance greater or equal to option you can enter a percentage figure. Only items with a forecast variance greater or equal to the entered percentage will be displayed in the scrolling window.
4. Click the Only show un-reviewed Items option to only display items that have not yet been reviewed in the Manual Demand Adjustment window.

Note that any setting selections made will be selected by default the next time the Demand Review window is selected.

5. Click Redisplay. All items meeting the selected criteria will be displayed in the scrolling window.

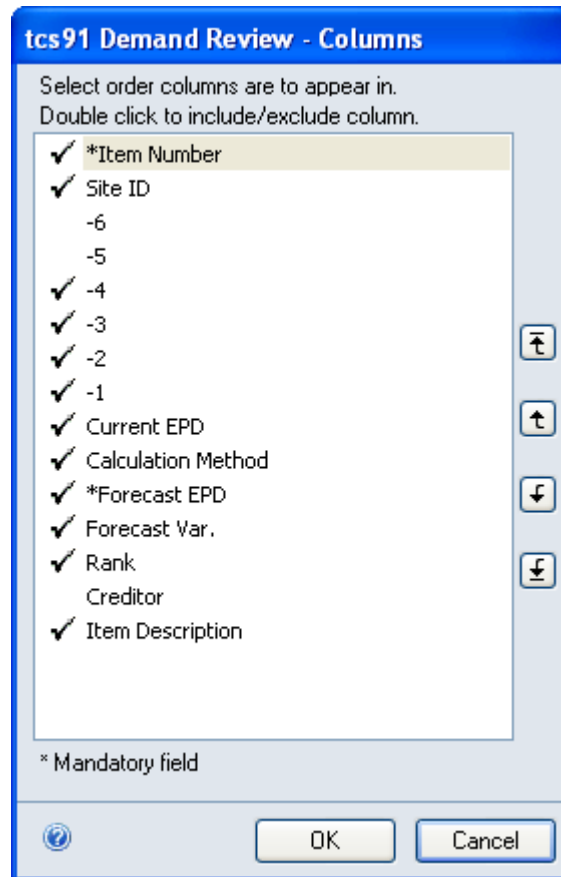
Items will be displayed with their primary creditor ID, calculation method, item rank, the previous 6 months demand figure and the current and forecast estimated period demand and their variance. The forecast EPD is the monthly average of the last six months demand of an item / site.

Click on a column to redisplay scrolling window details into alphanumeric order based on that column.



Note that you can also click the Maintain List View Columns button to display the Demand Review - Columns window. Double click on a line in this window to deselect it from being displayed in the Demand Review window, or use the arrow buttons to change the ordering of the columns. Note that the Demand Review window will not reflect changes until you click the Redisplay button.

The Demand Review - Columns window



You can also hide the Demand Review filters and so display more item details by clicking the Hide Filters button.



6. You can view and amend your calculation method selection for an item by clicking the Calculation Method Analysis button to display the Demand Review - Calculation Method Analysis window.

The Demand Review - Calculation Method Analysis window

Item Number	32X IDE
Site ID	WAREHOUSE
32x CD-ROM	
Main Site	

Calculation Method	Difference
*Six Period Rolling Average	0.00%
Six Period Rolling Average w/4 Trend	0.00%
Three Period Rolling Average	0.00%
Three Period Rolling Average w/4 Trend	0.00%
Year Ago Upcoming Three Periods	0.00%
Weighted Std 3.0/2.5/2.0/1.5/1.0	0.00%
Weighted Std 3.0/2.5/2.0/1.5/1.0 + Trend	0.00%
Weighted Std 5.0/2.0/1.0	0.00%
Weighted Sea 2.0/1.0	0.00%
Weighted Std 2.0/1.0 + Sea Trend	0.00%
Weighted Sea 1.0/1.0/1.0 + Sea Trend	0.00%
Weighted Sea 1.0 + Sea Trend	0.00%
Weighted Sea 4.0/1.0 + Sea Trend	0.00%

* Denotes Item/Site's default Calculation Method.

Update Calc. Method OK

This window analyses calculation methods and displays the most accurate by percentage.

The current default calculation method for the item / site will denoted with a *.

To select a new calculation method for the item / site click on a line and click the Update Calc Method button. The selected calculation method will automatically be assigned. Generally you would want to select the calculation method with the least Difference.

Click the Print icon button to print the Calculation Analysis report.

Note that you can click OK at any point to close the window.



- You can maintain demand figures for items / sites by clicking the Maintain Demand Details button to display the Manual Demand Adjustment window.

Use the Manual Demand Adjustment window to maintain figures to establish an accurate forecast variance.



- You can click the Zoom To button to select to display a new window from the choice of several available windows.
- When you have reviewed details as required you can update the Current Estimated Period Demand with the Forecast Estimated Period Demand. The

order point quantity, line point quantity and safety stock quantity for the primary creditor will also be updated.

Double click on a line to select / deselect it for update or use the Mark All / Unmark All buttons.

10. Click the Update button. A dialogue box will be displayed asking you to confirm that you want to update current period demand for the selected lines with the newly calculated estimated period demand. Click OK. Now click Redisplay in the Demand Review window and you will see that Current Estimated Period Demand is now the same as the Forecast Estimated Period Demand.

Note that when a line is updated its status will automatically be set the status of reviewed.

10. Manual Demand Adjustment window



Tools >> Routines >> Myridas >> Inventory Replenishment >> Maintain Demand Details

Use the Manual Demand Adjustment window to:

- Maintain item / site demand figures

The Manual Demand Adjustment window

Year	Period	Trxs.	Sales Quantity	Lost Sales	Exceptional	Actual Demand	Last Review	Reviewed
2007	Apr 07	2	6	2	0	8	12/04/2007	<input checked="" type="checkbox"/>
2006	Mar 06	2	6	2	0	8	12/04/2007	<input checked="" type="checkbox"/>
2006	Feb 06	7	13	0	3	10	12/04/2007	<input checked="" type="checkbox"/>
2006	Jan 06	3	11	0	0	11	03/06/2005	<input type="checkbox"/>
2006	Dec 06	0	0	0	0	0	12/04/2007	<input type="checkbox"/>
2006	Nov 06	0	0	0	0	0	12/04/2007	<input type="checkbox"/>
2006	Oct 06	0	0	0	0	0	12/04/2007	<input type="checkbox"/>
2006	Sep 06	0	0	0	0	0	12/04/2007	<input type="checkbox"/>
2006	Aug 06	0	0	0	0	0	12/04/2007	<input type="checkbox"/>
2006	Jul 06	0	0	0	0	0	12/04/2007	<input type="checkbox"/>

Note that this window can also be accessed through the [Demand Review window](#).

10.1 Maintaining Item / Site Demand Figures

To maintain item / site demand figures using the Manual Demand Adjustment window:

1. Enter an item number or select one using the lookup.
2. Enter a site ID or select one using the lookup or browse buttons.

Note that if you opened this window from the [Demand Review window](#) then the selected item number and site ID will be displayed by default.

3. Demand figures for the selected item / site will be displayed in the scrolling window.

You can enter details of Lost Sales and Exceptional Sales for each displayed time period in the scrolling window.

Lost Sales	
	Sales that were not made due to lack of stock, preferred alternative items, etc.

Exceptional Sales

Sales that were exceptional to the regular sales trends. Sales can also be marked as exceptional in the Microsoft Dynamics™ GP Sales Item Detail Entry window.



Alternatively you can click to select a line then click the expansion button to display the Manual Demand Adjustment - Transactions window.

*The Manual
Demand
Adjustment -
Transactions
window*

Document Type	Document Number	Sales Quantity	Lost Sales	Exceptional	Actual Demand	Last Review
Invoice	STDINV2130	5	0	0	5	12/04/2007
Invoice	STDINV2135	3	0	0	3	03/06/2005
Invoice	STDINV2137	3	0	0	3	03/06/2005
Period Totals:		11	0	0	11	

This window shows item / site transactions and associated details for the selected period. You can enter details of Lost Sales and Exceptional Sales for each displayed transaction in the scrolling window.

Note that you can attach a note to a selected transaction by clicking the Note button at the top of the scrolling window.

Also note that the demand figures in this window may, for various factors, differ from those in the Manual Demand Adjustment window.

Click OK to return Manual Demand Adjustment window. Any lost or exceptional sales quantities you entered against lines will be displayed against the relevant period.

4. Click the Reviewed checkbox for lines that you want to mark as having been reviewed or use the Mark All / Unmark All buttons to mark / unmark all lines as having been reviewed.

When you work in the Demand Review window you can select to only view lines that have not yet been reviewed.

5. Click Update to update item Actual Demand figures with any lost or exceptional sales details that you have entered.

Transactions

11. Automatically Generated Purchase Orders

The Microsoft Dynamics™ GP Generate Suggested Purchase Orders window includes functionality for the Advanced Inventory Replenishment module.

A new Use Line Point Suggestions field enables you to include suggested quantities triggered by the line point quantity as well as the order point quantity.

11.1 Vendor Totals window

The Vendor Totals window has also been amended. When you click the Suggest Purchase Orders button the Suggested Purchase Orders Preview window is displayed. The Vendor Totals window is also displayed. See the Myridas Vendor Price Management module for further details.

The Vendor Totals window

ⓘ Creditor ID	Target Order Qty	Total Volume	Difference	Minimum Order Value	Total Cost
ⓘ ADVANCED0001	10	10	0	\$100.00	\$4632.00
BERGERON0001	30	40	10	\$500.00	\$1,198.50

Items / sites for creditors that were triggered by the order point quantity rather than the line point quantity will be denoted with an ⓘ symbol. These lines will have the Include checkbox selected by default in the Suggested Purchase Orders Preview window.

Items / sites for creditors that were triggered by the line point quantity will not be marked with the ⓘ symbol and will not have the Include checkbox selected by default in the Suggested Purchase Orders Preview window.

Three new buttons on the window give you additional functionality.

Include Order Point	Select a creditor then click this button. All items / sites for the creditor with an order point quantity of greater than 0 will have the Include checkbox selected in the Suggested Purchase Orders Preview window.
Include Line Point	Select a creditor then click this button. All items / sites for the creditor with a quantity of greater than 0 triggered by the line point will have the Include checkbox selected in the Suggested Purchase Orders Preview window.

<p>Add Weekly Demand</p>	<p>All items for the selected creditor that have the Include checkbox ticked and are set up for inventory replenishment will have the current weekly demand added to the Order Qty field in the Suggested Purchase Orders Preview window.</p>
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11.2 Line Point Quantity Visibility



Standard Microsoft Dynamics™ GP functionality allows you to click the Item Number expansion button in the Suggested Purchase Orders Preview window to display the Suggested Purchase Order Detail window. Clicking the Required Qty in Base U of M expansion button displays the Required Quantity Detail window.

The Required Quantity Detail window

The window has been amended to include a new Line Point Qty field. Click the Line Point Qty expansion button and a further new window is displayed, showing breakdown details of the line point quantity for the selected item / site.

The Line Point Breakdown window

Enquiries

12. Inventory Replenishment Enquiry window



Card >> Inventory >> Item Resource Planning >> Extras >> Additional >> Inventory Replenishment

Use the Inventory Replenishment Enquiry window to:

- View order up to weeks for items / sites

The Inventory Replenishment Enquiry window

Item Number	32X IDE
Site ID	WAREHOUSE
	Main Site
Order Up To Weeks	8

12.1 Viewing Order Up To Weeks for Items / Sites

To view order up to weeks for items / sites using the Inventory Replenishment Enquiry window:

1. Order Up To Weeks for the item / site selected in the Item Resource Planning window will be displayed.
2. Click OK to close the window.

Reports

13. Calculation Method Analysis Report window



Reports >> Myridas >> Inventory Replenishment >> Calculation Methods Analysis

Use the Calculation Method Analysis Report window to:

- Report on calculation methods

The Calculation Method Analysis Report window

13.1 Reporting on Calculation Methods

To report on calculation methods using the Calculation Method Analysis Report window:

1. All item numbers will be selected by default. Accept this selection or click From and enter range values.
2. All site IDs will be selected by default. Accept this selection or click From and enter range values.
3. Select a calculation method option:

Show All	Reports on all calculation methods
Show Best	Reports on only the best calculation methods
Only when change recommended	Reports on only those calculation methods where change is recommended



4. From the Only include Item's that have a Rank of drop-down menu select whether to report on items of all ranks or only those of a specified rank.
5. Click Print to print the Calculation Method Analysis report.
6. Click OK to close the window.

Note that you can click Clear at any point to clear any entries made in the window.

Appendix A

Access to Myridas Windows

Advanced Inventory Replenishment

Window Name	 Menu Access	 Other Access
Calculation Method Analysis Report	Reports >> Myridas >> Inventory Replenishment >> Calculation Methods Analysis	
Calculation Methods Maintenance	Tools >> Setup >> Myridas >> Inventory Replenishment >> Calculation Methods Maintenance	
Calendar Maintenance	Tools >> Setup >> Myridas >> Inventory Replenishment >> Calendar Maintenance	
Demand Review	Tools >> Routines >> Myridas >> Inventory Replenishment >> Demand Review	
Demand Review - Calculation Method Analysis		Tools >> Routines >> Myridas >> Inventory Replenishment >> Demand Review >> Calculation Method Analysis button
Demand Review - Columns		Tools >> Routines >> Myridas >> Inventory Replenishment >> Demand Review >> Maintain List View Columns button
Inventory Replenishment - Item Ranking Wizard	Tools >> Routines >> Myridas >> Inventory Replenishment >> Item Ranking wizard	
Inventory Replenishment		Card >> Inventory >> Item Resource Planning >> Extras

Enquiry		>> Additional >> Inventory Replenishment
Inventory Replenishment Setup	Tools >> Setup >> Myridas >> Inventory Replenishment >> Setup	
Inventory Replenishment Period Frequency Setup	Tools >> Setup >> Myridas >> Inventory Replenishment >> Period Frequency Setup	
Item / Site Inventory Replenishment Maintenance	Cards >> Myridas >> Inventory Replenishment >> Item/Site Maintenance	
Item / Site Range Allocation	Cards >> Myridas >> Inventory Replenishment >> Item/Site Range Allocation	
Line Point Breakdown		Transactions >> Purchasing >> Purchase Order Generator >> Suggest Purchase Orders button >> Item Number expansion button >> Required Qty in Base U of M button >> Line Point Qty expansion button
Line Point Maintenance	Cards >> Myridas >> Inventory Replenishment >> Line Point Maintenance	
Manual Demand Adjustment	Tools >> Routines >> Myridas >> Inventory Replenishment >> Maintain Demand Details	Tools >> Routines >> Myridas >> Inventory Replenishment >> Demand Review >> Maintain Demand Details button
Manual Demand Adjustment - Transactions		Tools >> Routines >> Myridas >> Inventory Replenishment >> Demand Review >> Maintain Demand Details

		button >> Expansion button
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Appendix B

Alternate Microsoft Dynamics™ GP Windows

Some Microsoft Dynamics™ GP windows have been modified to incorporate Myridas behaviour:

Window Name	Series	Myridas Module	Modification
Generate Suggested Purchase Orders window	Purchasing	Advanced Inventory Replenishment	New Use Line Point Suggestions field to enable line point quantities to be used as a basis for automatically generated purchase orders.
Required Quantity Detail window	Purchasing	Advanced Inventory Replenishment	The window has been amended to include a new Line Point Qty field. Click the Line Point Qty expansion button and a further new window is displayed, showing breakdown details of the line point quantity for the selected item / site.

Appendix C

Modified Myridas Windows with additional modules

Some Myridas windows will have additional functionality when used in conjunction with other Myridas modules:

Myridas Window Name	Module	Additional Myridas Module	Modification
Vendor Pricing - Extra Details window	Vendor Price Management	Advanced Inventory Replenishment	A new Period Frequency (weeks) button to enter order period frequency for the creditor.
Vendor Totals window	Vendor Price Management	Advanced Inventory Replenishment	New information icon displays that a line is based on order point quantity rather than line point quantity. New buttons enable quick inclusion of order lines.

Appendix D

Myridas Reports

Myridas provides reports to increase information visibility.

Report Name	Module	Functionality
Calculation Method Analysis Report	Advanced Inventory Replenishment	Prints calculation method analysis details

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