Global 3000
Service Pack Note

Product List Import

Author	DCP	
Project	ZM60_000428.docx	
Version	1.0	1 of 10

INTRODUCTION

This service pack provides the ability to import price list details from a CSV format external file.

A new button to be added to the price list maintenance window. Pressing the new button initiates the import of price list entries from a user defined CSV format file.

Note, the below changes apply to Price List Maintenance and Future Price List Maintenance within both Global 3000 Sales Order Processing and Global 3000 Purchase Order Processing.

The new button is labelled 'Import', when pressed the user is prompted for the filename (and path) to be imported and then the file structure details (which consist of the field/column position for the price list details available for import). File structures are automatically saved. The new button can be controlled by authorisation point PM531_IMP.

Once the file content has been established and the user chooses to proceed with the import, all the price list details (within the CSV file) are validated. If any of the incoming details fail validation they are presented to the user and the import is abandoned. If all the incoming details are valid the file is imported and the user is then returned to the price list maintenance window.

The expected format of the CSV file matches CSV files produced by Microsoft Excel (fields are delimited by a single ',' character, dates are formatted as dd/mm/yyyy and text items are NOT enclosed within quotes), however it will also automatically detect when a text field is enclosed within either double or single quotes and remove these.

The following limitations apply.

> Each line within the import file must represent details of a single price list entry to be imported (either a new entry or updates to an existing one).

> Description only entries (type = name) cannot be imported.

> Normal price list validation rules are applied during the import.

> The product code is mandatory and must be present for each entry in the import file. Lines within the import file with a blank product code are skipped.

> If there is an existing price list entry for the incoming currency and product the line is initially treated as an update although depending on the expiry dates of the incoming and existing entries a new price list entry may be created. In all other cases a new price list entry will be created.

> The following fields can be optionally included via the file content window, however if they have been selected for inclusion they must be present for each price list entry imported.

- Currency.
- Expiry date.
- Type.
- Pricing unit.
- Special or foreign description.
- Price/percentage 1.
- Price/percentage 2.
- Price/percentage 3.

- Price/percentage 4.   - Price/percentage 5.   - Price/percentage 6.   - Price/percentage 7.   - Price/percentage 8.   - Price/percentage 9.   - Price/percentage 10.   - Price/percentage 11.   - Price/percentage 12.
Please note, when updating an existing price list entry via an import file, items that cannot be amended manually (i.e. the currency, product and pricing unit) cannot be amended via the import file. Changes to items that cannot be amended are simply ignored.

DOCUMENTATION CHANGES

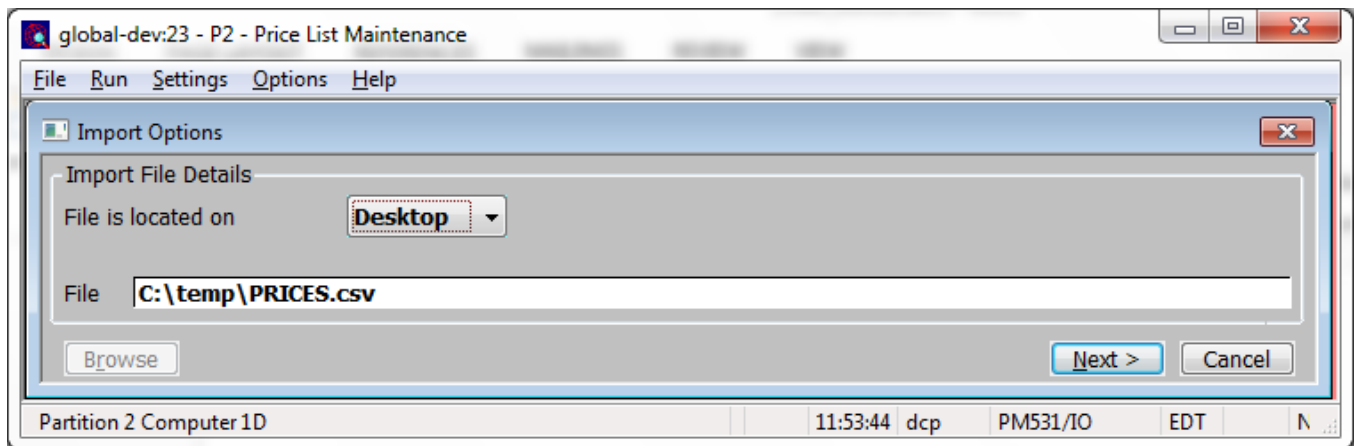# Price List Maintenance Window
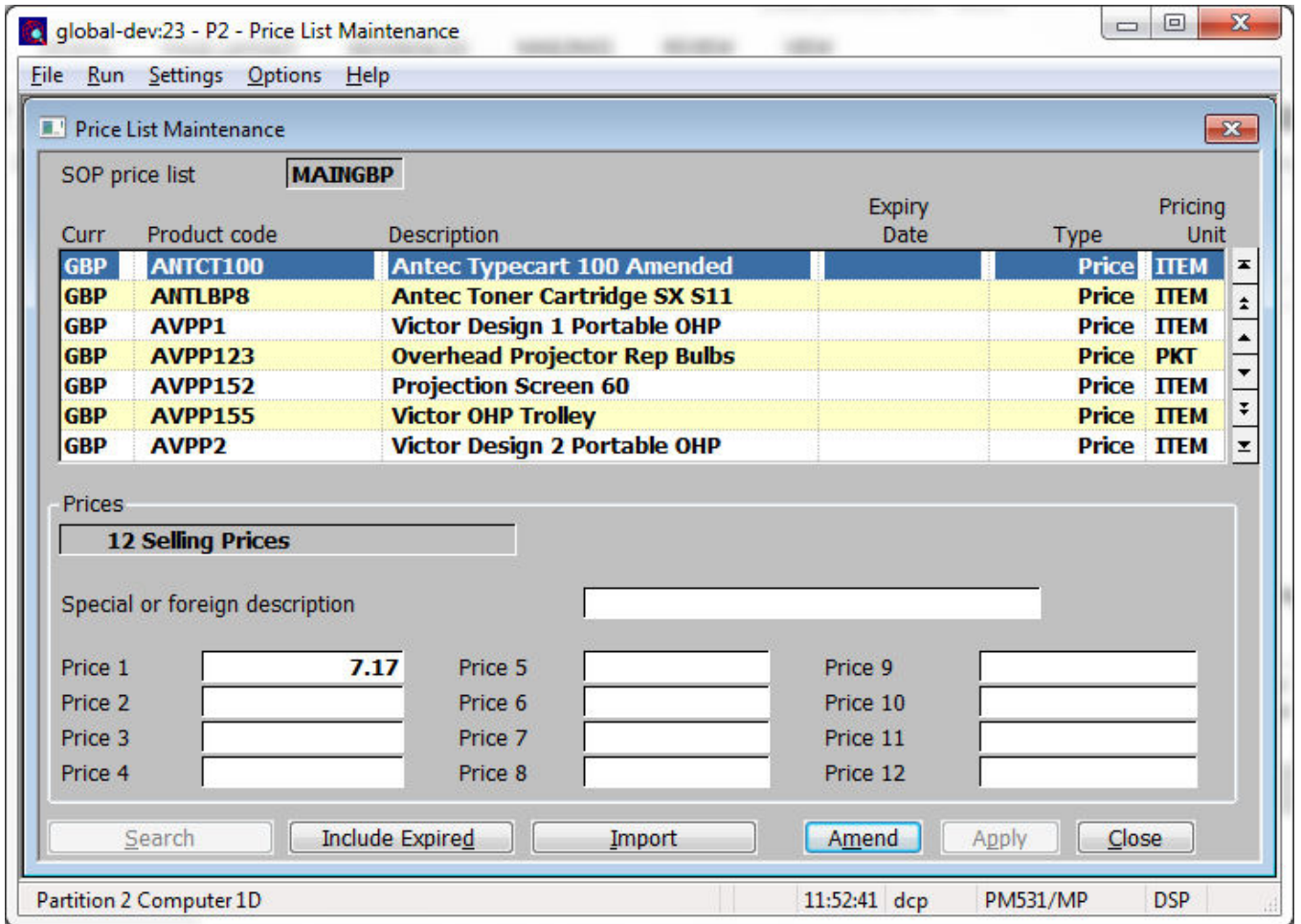
Import	This allows product details to be imported from a CSV format file. The CSV file can contain details of new price list entries, updates to existing price list entries.
Note	Type 'Name' price list entries cannot be imported.

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Import File Details Window

Purpose	This window enables you to specify the import file details.
Note	The settings in this window default to those used last time this option was selected.

The prompts are:

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File is located on	Set this option to 'Desktop' if the folder specified in the path is on the PC currently running GX, otherwise set the option to 'Server' to indicate that the import file is located on the main server.
Example	Assuming that the path is C:\My Documents, if the import file is located in the 'My Documents' folder on the operator's PC the above option should be set to 'Desktop' alternatively if the import file is located in the 'My Documents' folder on the server the above option should be set to 'Server'.
File	Enter the file name (including path and extension) in the host system. A file extension of '.CSV' is automatically appended to the filename if one has not been supplied.
Note	If the import file is located on the desktop (i.e. the operator's PC) then the <Browse> button can be used to locate and specify the path.
Back	Where available this returns to the preceding window.

Select File Structure Window
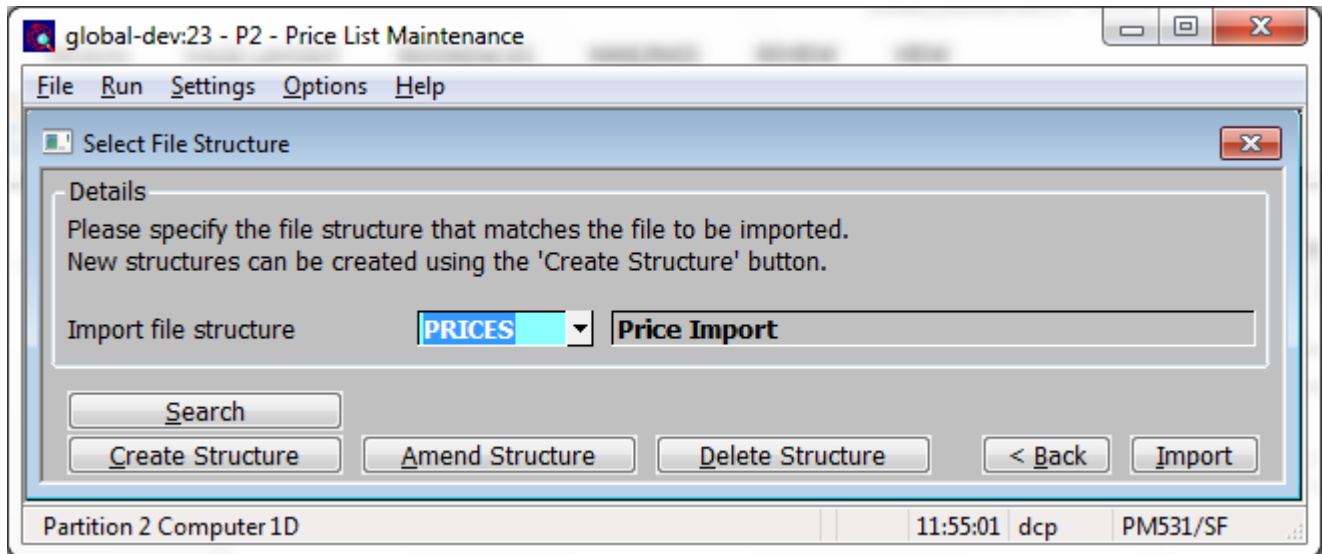
Purpose	This window enables you to select the structure of the file to be imported.

The prompts are:

Import file structure	Select the name of the import file structure that matches the file/spreadsheet to be imported. A look-up is available.
Notes	Each line in the CSV import file represents details of a single price list entry (either a new entry or updates to an existing one).

The buttons are:

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Search	This provides a look-up of existing file structures.
Create structure	This allows you to create a new import file structure.
Amend structure	This allows you to amend an existing import file structure.
Delete structure	This allows you to delete an existing import file structure.
Back	This returns to the Import File Details window.
Import	This imports the selected file using the selected file structure.
Note	The import takes place in two phases.
	The first phase validates the incoming CSV file, if any problems are detected a window is displayed listing the invalid items (where possible) and the import is abandoned.
	The second phase apply the updates and creates any new price list entries, if this phase fails the import is terminated and the user must remove any unwanted entries or updates manually.

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Import File Structure Window
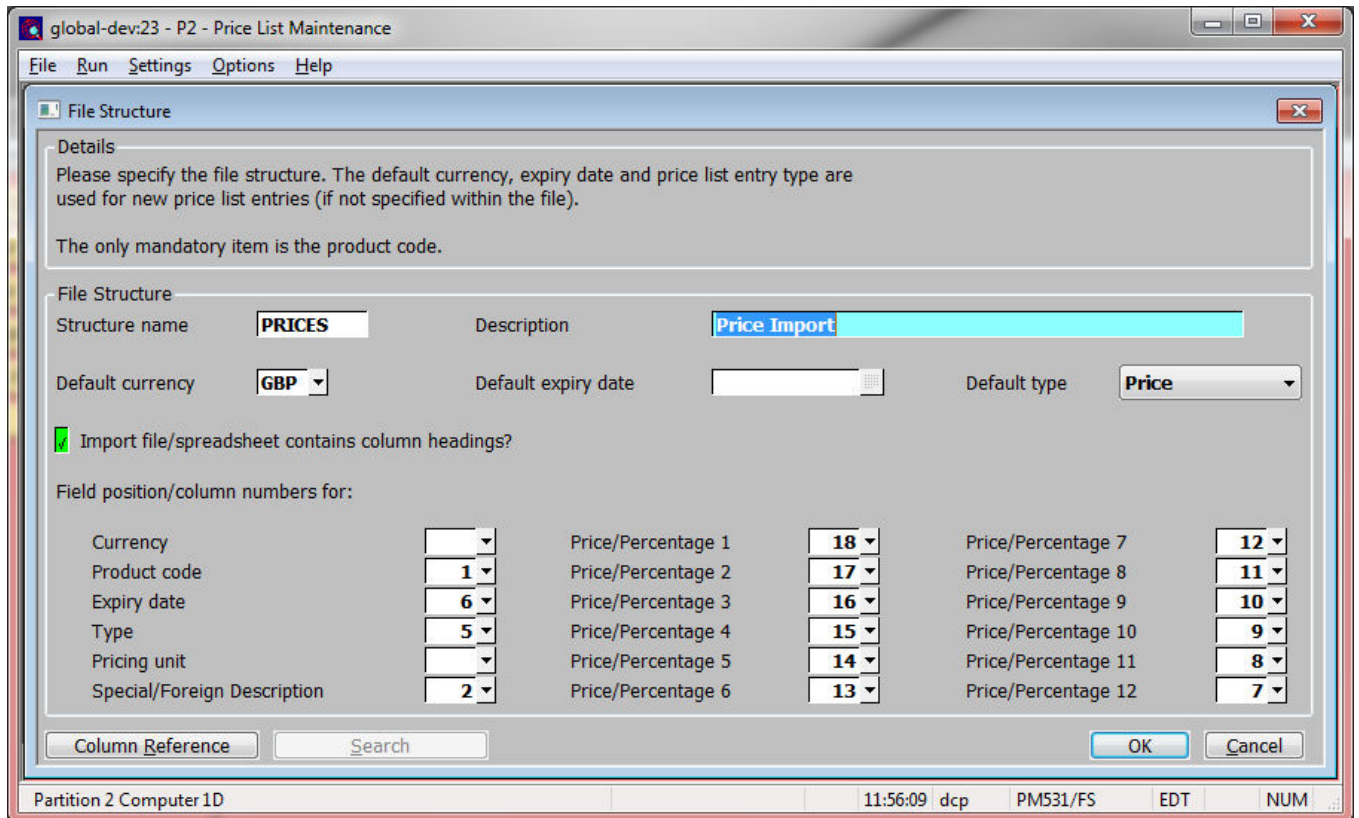
Purpose	This window enables you to specify the structure of the file to be imported.
Note	Each item that is selected for inclusion in a file structure must be present for each price list entry imported via that structure.

The prompts are:

Name	Enter a name for the structure being created.
Description	Enter a description for the structure being created.
Default currency	(Multi-currency systems only) Set this to the default currency to be used if the import file does not include the currency or if it is blank. A search is available.
Default expiry date	Set this to the default expiry date to be used for incoming price list entries that do not specify one. A calendar look-up is available.
Note	If the expiry date is included in the incoming file then the default expiry date is ignored.
Default type	Set this to the default price list entry type. This is used if the import file does not include the price list entry type or if it is blank. Select one of the following:

- Price

- Cost-plus

- Discount

- Reductions

Import file/spreadsheet contains column headings	Set this if the first line of the import file/spreadsheet contains column headings.

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Note	The only fully mandatory item is the product code. All other items are fully optional (these are defaulted if excluded for new price list entries). If there is an existing price list entry for the incoming currency and product the line is treated as an update, in all other cases a new price list entry will be created.
Field position/column number for the currency	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which the currency code located. This item is optional.
Example	Assuming the import file is a spreadsheet, if the currency code is the third column in the spreadsheet the above field should be set to 3.
Field position/column number for the product code	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which the product code located. This item is mandatory for all lines.
Field position/column number for the expiry date	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which the expiry date is located. This item is optional.
Field position/column number for the type	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which the price list entry type is located. This item is optional. For new entries this is defaulted to the default specified above if omitted or blank. The accepted values are: • P = Prices. • C = Cost-plus. • D = Discounts. • R = Reductions.
Field position/column number for the pricing unit.	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which the pricing unit. This item is optional, if left blank or omitted for a new entry it defaults to the selling unit specified for the product.
Field position/column number for the special or foreign description	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which the special or foreign description is located. This item is optional.
Field position/column number for the 1st price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 1st price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.
Field position/column number for the 2nd price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 2nd price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.
Field position/column number for the 3rd price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 3rd price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.

Field position/column number for the 4th price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 4th price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.
Field position/column number for the 5th price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 5th price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.
Field position/column number for the 5th price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 5th price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.
Field position/column number for the 6th price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 6th price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.
Field position/column number for the 7th price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 7th price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.
Field position/column number for the 8th price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 8th price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.
Field position/column number for the 9th price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 9th price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.
Field position/column number for the 10th price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 10th price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.
Field position/column number for the 11th price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 11th price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.
Field position/column number for the 12th price	Set this to the numerical field position (within a line) or column number (if importing from a spreadsheet) in which 12th price is located. This item is optional, for new price list entries this defaults to 0 if omitted or blank.
Note	Prices that are not relevant are ignored. For example, if the product is an extra then only the first price is relevant and in this case (assuming they are included) prices 2 – 12 are simply ignored and not imported.

The buttons are:

Column reference This button is available at all field position/column number prompts. It allows you to enter a spreadsheet column reference (e.g. 'A', 'B' etc) which will then be automatically converted to a numeric column number.