

GS1net Release (October 24th) – [READ ME]

Major usability enhancements are being delivered in a new release of GS1net, stemming from community feedback. Early this year GS1 Australia CEO, Maria Palazzolo, wrote to you about the list of initiatives to be adopted.

From the weekend of October 24th 2009 a significant number of usability enhancements will be available on GS1net delivering **an improved GS1net experience**. You need to be aware of the impact these could have on your use of GS1net, although for most users it will be 'Business as Usual' at release.

NO IMPACT - Almost all of the functionality within this release is related to the GS1net Graphical User Interface (GUI) – these improvements relate to pricing screens and will have little or no impact to users.

IMPACT - There are features which will alter some processing steps within GS1net (specifically, 'Prevent Price Duplication' and 'Auto-Publication') – these features (especially Price Duplication) will impact some users. GS1 in concert with data recipients will phase in these features over the next few weeks through a carefully managed roll-out:

The areas of impact have been outlined below and are covered in further detail in these release notes.

Further GS1net usability enhancements will occur in 2010.

Impact Areas

Functionality	Purpose	Impact (Refer to Release Notes for more details)
Add Price (online)	Online User can add Prices from the Price Summary Screen The first price for a GTIN can now only be added from the GTIN Item details page	Minor Impact

Functionality	Purpose	Impact (Refer to Release Notes for more details)
<p>Prevent Price Duplication</p> <p>(Retailers will 'opt in' to this functionality if they require it)</p>	<p>Prevents the loading of prices which would be duplicates of existing prices on the supplier catalogue (meaning there is already an 'open' price for the same GTIN, for this retailer, which would overlap with the new price)</p>	<p>Major Impact – Coles and Metcash will opt in to this functionality, which has a direct impact on all their suppliers.</p> <p>This will reject prices being loaded where price duplication occurs. The user will need to revise their existing data to remove the source of the duplication (GS1 will assist)</p> <p>Also, Coles and Metcash do not allow more than 1 'Distribution Method' per GTIN price – this means you cannot load a DC price and a DSD price (for example) for the same retailer for the same GTIN – such price loads will FAIL under Price Duplication Logic</p>
<p>Auto-Publication</p> <p>(Suppliers will 'opt in' to this functionality if they require it)</p>	<p>Automates Publication to Retailers for whom the supplier has populated pricing.</p> <p>Benefits:</p> <ul style="list-style-type: none"> • Don't have to remember to Publish • Can't accidentally publish without Price 	<p>Moderate Impact (if used)</p> <p>This is an 'opt in' on a supplier-by-supplier basis.</p> <p>Any supplier using middleware which handles Publications should not use Auto-Publish.</p> <p>Auto-Publication will fail if a publishable hierarchy is found in a Catalogue or Product Group which has no assigned Retailer Supplier Code for Coles or Metcash (as today) – an 'error' email will be sent to the user</p>

Release Notes – GS1net Release (Production Oct 24th 2009)

NOTE: These release notes have been written from the ‘Supplier’ (Data Source) perspective; screen shots are from a supplier view (with one exception in the section on ‘Price Duplication’).

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Introduction

Major usability enhancements are being delivered in this release of GS1net, stemming from community feedback.

Almost all of the functionality within this release is related to the GS1net Graphical User Interface (GUI). There are features which will alter some processing steps within GS1net, but again these are enabled from the GUI.

Deployment Schedule

- Beta: 26th September 2009
- Production: 24th October 2009

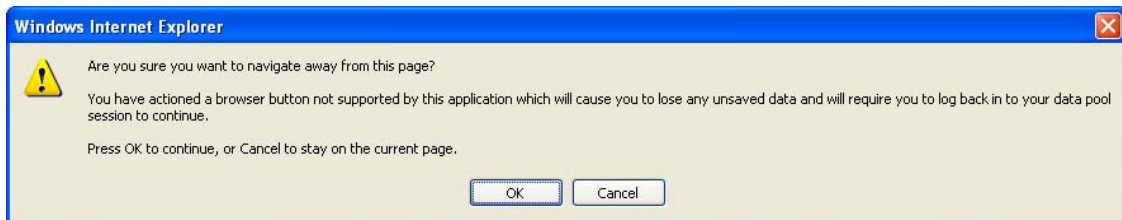
Scope

1. Warning when using Browser Navigation Buttons
2. Item List - Price Indicator
3. Price Summary

- a. Adding Price Information from the Price Summary Screen (***note: should not be used unless supplier's maintenance method is 'online'***)
4. Item Search - 'Item contains Pricing'
5. Prevent Price Duplication
6. Auto-Publication

1. Warning when using Browser Navigation Buttons

A message will appear when a supplier tries to use the browser navigation 'arrows' at the top of the screen (assuming they are available). The message is:



2. Item List – Price Indicator

GS1net Australasia - Windows Internet Explorer

https://beta.gscatalogue.com/gsinet/forward-action.do?forward-action-key=supplier-item-list-page&mvcm2-request-synchronizer-token=06f630e039529c31a8e7f521e2c6c5681254634574792

GS1net Australasia

Supplier Main Menu (trainp2) > Supplier Catalogue Search > Supplier Catalogue Item List

Items shaded in this color are in a copy pending status.
Displaying Items 1 to 4 of 4 <<< First <<< Prev Next >>>

Select	GTIN	GLN of Information Provider	Target Market Country Code	Supplier Assign Item ID	Prices	Classification Agency Code / Name	Trade Item Group ID	Trade Item Description	Short Description	Is Trade Item a Consumer Unit?	Brand Name	Is Trade Item an Orderable Unit?	Effective Date	Trade Item Hierarchy Level	Last Change Date / Time	Registration Ready	Registrars Date
<input type="checkbox"/>	09320100113945	9312345000906	036	OCT_DEMO	N	1000263 / Sprints	DEM7	GS1 7.5 TEST Carton 12 Bottle 700ML	GS1 Carton 12 Bottle 700ML	Yes	GS1 7.5 TEST	No	2008-06-06	BASE_UNIT_OR_EACH	2009-10-04	Yes	
<input type="checkbox"/>	09420100113942	9312345000906	036	OCT_DEMO	Y	1000263 / Sprints	DEM7	GS1 7.5 TEST Carton 12 x 700ML Bottle	GS1 Carton 12 Bottle 700ML	Yes	GS1 7.5 TEST	No	2008-06-06	BASE_UNIT_OR_EACH	2009-10-04	Yes	
<input type="checkbox"/>	19320000013946	9312345000906	036	OCT_DEMO	Y	1000263 / Sprints	DEM7	GS1 7.5 TEST Carton 12 x 700ML Bottle	GS1 Carton 12 Bottle 700ML	No	GS1 7.5 TEST	Yes	2008-06-06	CASE	2009-10-04	Yes	
<input type="checkbox"/>	19420000013943	9312345000906	036	OCT_DEMO	N	1000263 / Sprints	DEM7	GS1 7.5 TEST Carton 12 x 700ML Bottle	GS1 Carton 12 Bottle 700ML	No	GS1 7.5 TEST	Yes	2008-06-06	CASE	2009-10-04	Yes	

Displaying Items 1 to 4 of 4 <<< First <<< Prev Next >>>

Format: DDF

Resulting from an 'Item Search' a returned Item List now has a 'Prices' column
Prices column entries for supplier:

Y = GTIN has pricing (for 1 or more retailers)

N = GTIN has no pricing for any retailer

Y is actually a hyperlink to the 'Price Summary' screen for this GTIN.

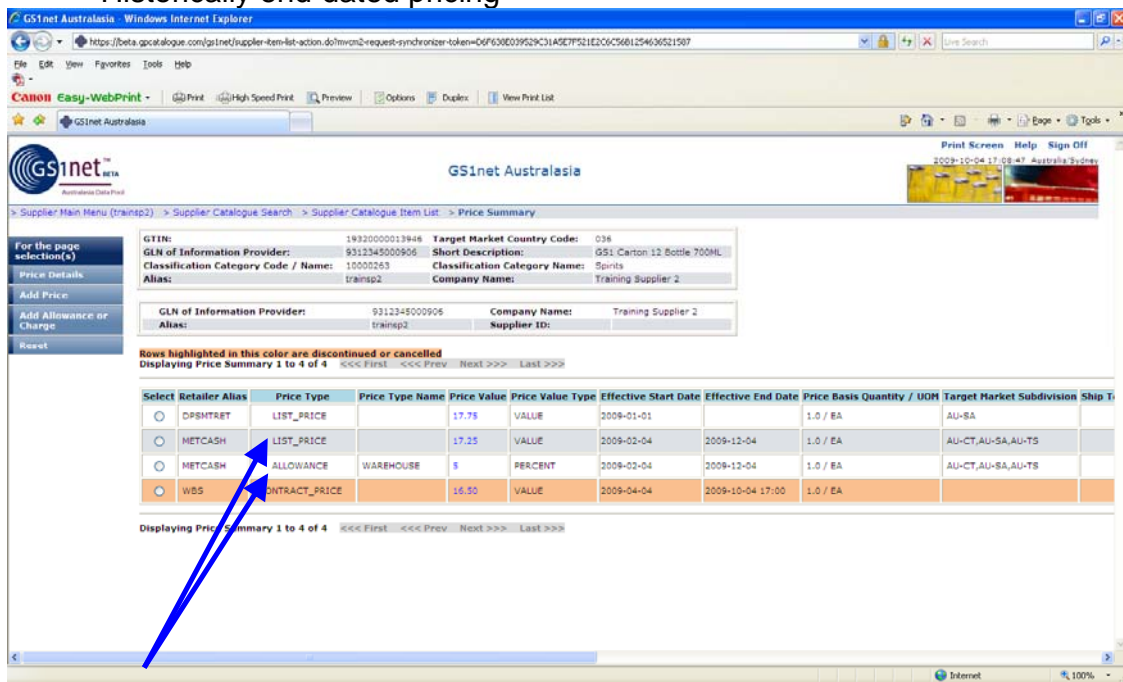
Note: There is no longer a 'Prices' left-hand menu; this has been replaced with Price Summary. This means that a supplier whose maintenance method is 'online' will no longer be able to add a 'first' price record from the item list – they will have to bring up the item details first.

Subsequent prices (after the first) can be added directly from the 'Price Summary' screen (*see section 3a*)

3. Price Summary Screen

When a supplier selects the 'Y' hyperlink from the Item List, they are taken to a view of all prices for the GTIN in question; this includes:

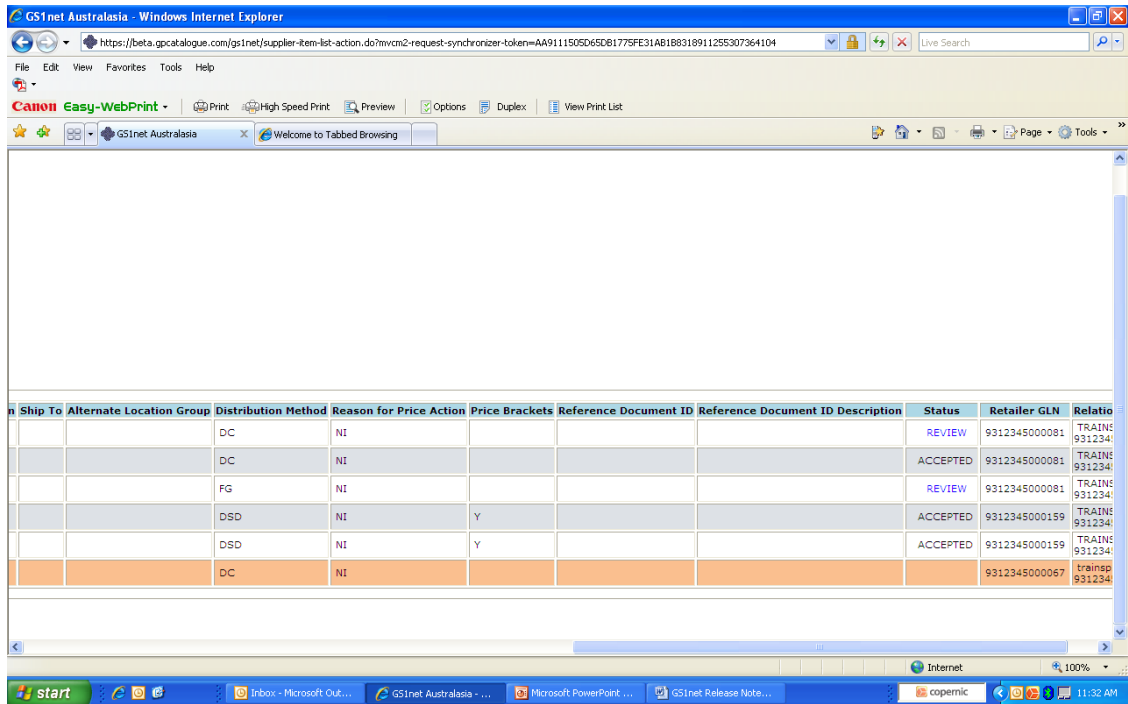
- All Retailer pricing
- Historically end-dated pricing



Allowances and Charges are listed below their 'Parent' price
End-dated Prices are shown in the usual colour

Columns available when scrolling right:

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The Columns are:

Description	Hyperlink?
Retailer Alias	
Price Type	
Price Type Name	
Price Value	Yes - to Price Details
Price Value Type	
Effective Start Date	
Effective End Date	
Price Basis Quantity / UOM	
Target Market Subdivision	
Ship To	
Alternate Location Group	
Distribution Method	
Reason for Price Action	
Price Brackets	
Reference Document ID	
Reference Document ID Description	
Status	Yes - to Response details if 'Review'
Retailer GLN	
Relationship ID	

The standard GTIN header information is displayed at the top of the screen.

- All child prices are 'nested' below their parent price
- Parent Prices are shown in descending 'start date' order

- Prices which are 'historically' end-dated are highlighted

In addition the supplier can elect to view only prices which are not 'historically' end-dated.

From the item list this is achieved by selecting the item check box, and selecting the second radio button option on the left-hand menu under 'Price Summary';

- Include Historically End-Dated Pricing
- **Include only Active "Parent" Pricing**

By selecting 'Include only Active "Parent" Pricing' and selecting the 'Price Summary' button, GS1net will return price records only where the 'parent' price is not historically end-dated.

Important – a 'parent' price is a top-level price, such as LIST_PRICE and may / or may not have child 'Allowances and Charges'. The filtering of prices to exclude those that are historically end-dated is only applied at the parent level; if a parent is excluded then so are its child prices. In the GDSN it is not possible for a parent price to be historically end-dated and for related child prices to be 'open'.

3a Adding Price Information from the Price Summary Screen

The price summary screen can only be reached if there is at least 1 pricing record against the GTIN; a 'first' price record can now only be added from the GTIN ITEM details screen.

Note: should not be used unless supplier's maintenance method is 'online'

The Price Summary Screen includes the Left-hand menu options:

- Add Price
- Add Allowance or Charge

If there is no radio button selected for any of the existing prices, then these 'Add' options take the supplier through the normal screens to add price information. However, if a radio button is selected then GS1net will automatically use the same Retailer and Price Relationship ID for adding the new price.

Also, where the price selected is a parent price (such as LIST_PRICE) and the supplier attempts to 'Add Allowance or Charge', then GS1net will automatically use the pertinent details for the parent price type.

Note: to remove a radio-button selection for any existing price use 'Reset' on the left-hand menu.

4. Item Search - 'Item contains Pricing'

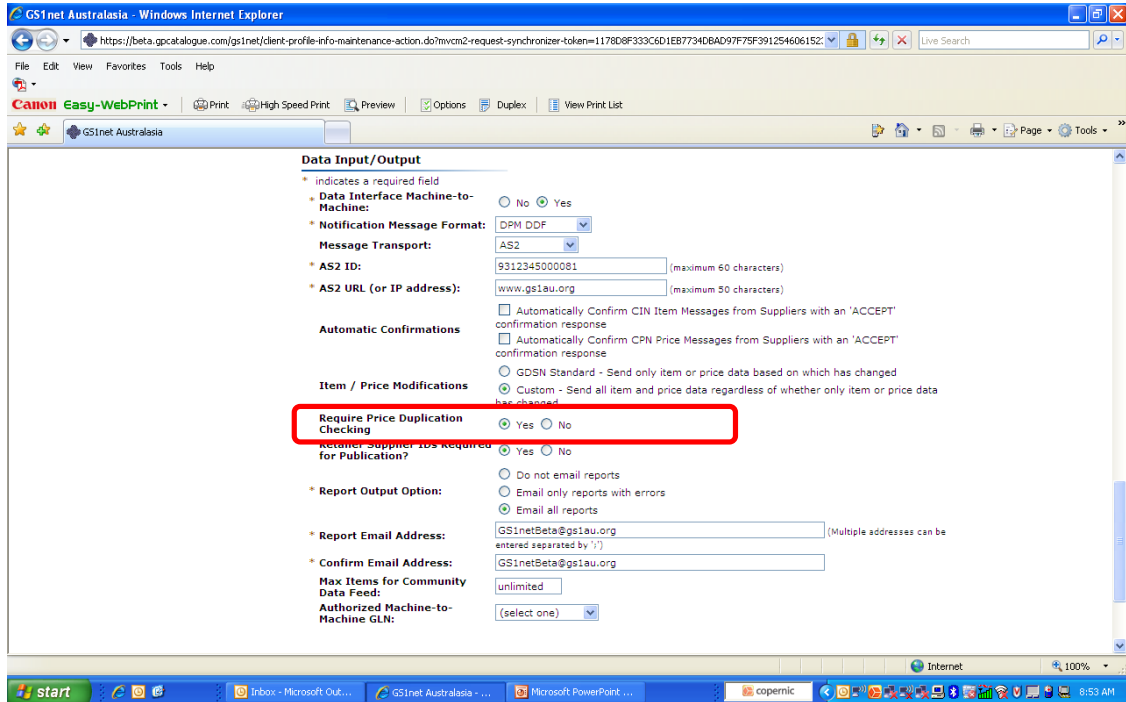
The screenshot shows the GS1net Australasia Supplier Catalogue Search interface. The 'Trade Item Contains Pricing' filter is highlighted with a red box. The filter options are: All, Yes only, and No only. The 'All' option is selected, indicating a search for items regardless of whether they have pricing.

Enter your search criteria	
Item Identification/Classification	
GTIN	<input type="text"/>
GLN of Information Provider	9312345000906 - Training Supplier 2
Target Market Country Code	<input type="text"/>
Classification Category Code / Name	<input type="text"/>
Trade Item Hierarchy Level	(select one)
Is Trade Item a Healthcare Item	<input checked="" type="radio"/> All <input type="radio"/> Yes only <input type="radio"/> No only
TGA Sponsor	<input checked="" type="radio"/> All <input type="radio"/> Yes only <input type="radio"/> No only
Supplier Assigned Item ID	<input type="text"/>
Trade Item Contains Pricing	<input checked="" type="radio"/> All <input type="radio"/> Yes only <input type="radio"/> No only
Discontinued Status	<input checked="" type="radio"/> All <input type="radio"/> DISCONTINUED <input type="radio"/> Not Discontinued
Item Descriptions	
Brand Name	<input type="text"/>
Trade Item Description	<input type="text"/>

This search filter allows a supplier to return items based on whether they do or do not have pricing. The option 'All' is a search for items regardless of whether they have pricing; this is the 'default' search.

5. Prevent Price Duplication

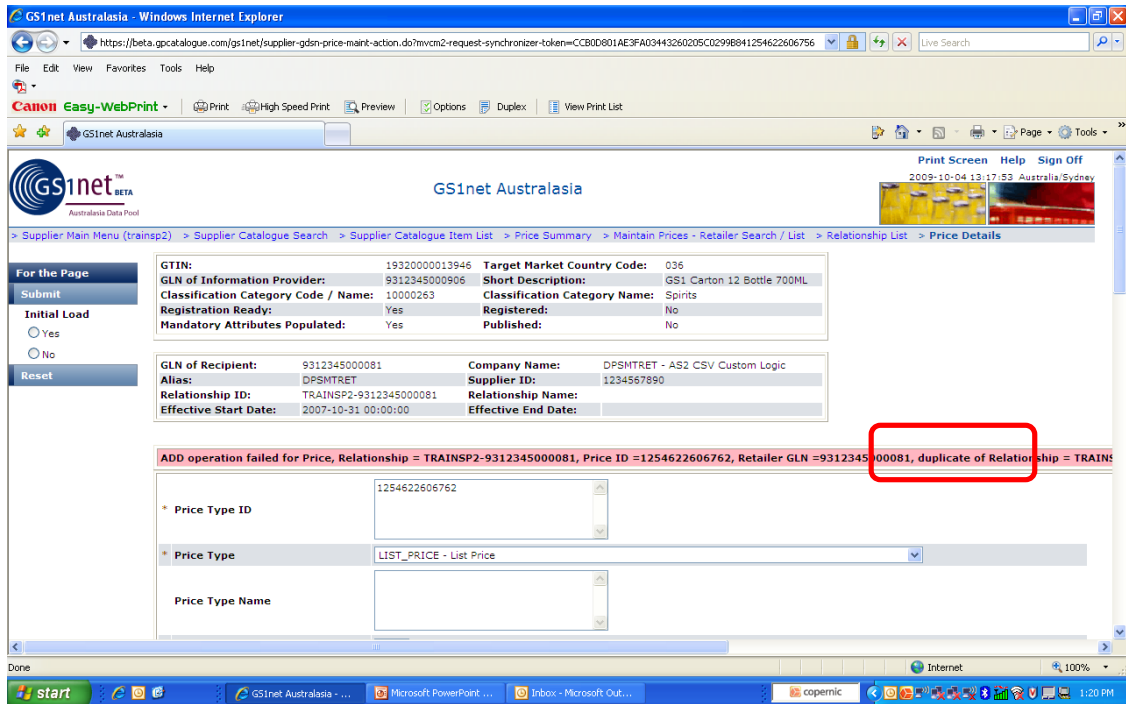
Price Duplication is a retailer 'opt in' profile setting; retailer screen shot below:



These release notes will not cover the logic of price duplication; however a general definition is:

Price 'duplication' occurs when a supplier has a GTIN with 2 (or more) **equivalent** prices, for the same retailer, which **overlap** in geography **and** **overlap** in time.

Price Duplication checking is carried out between prices that are entered online (for suppliers whose maintenance method is 'online') and prices that already exist for that GTIN on GS1net. An example 'duplication' error is shown:



For suppliers uploading Price files, the same checks are carried out, but also checks for duplication occur across the prices in the upload file itself.

Logic – all prices (in turn) are checked in the upload file against all other prices in the upload file; and then against prices already on the GS1net database. The checks for a price continue until the first error is encountered (either in the price upload file or against the existing prices on the database).

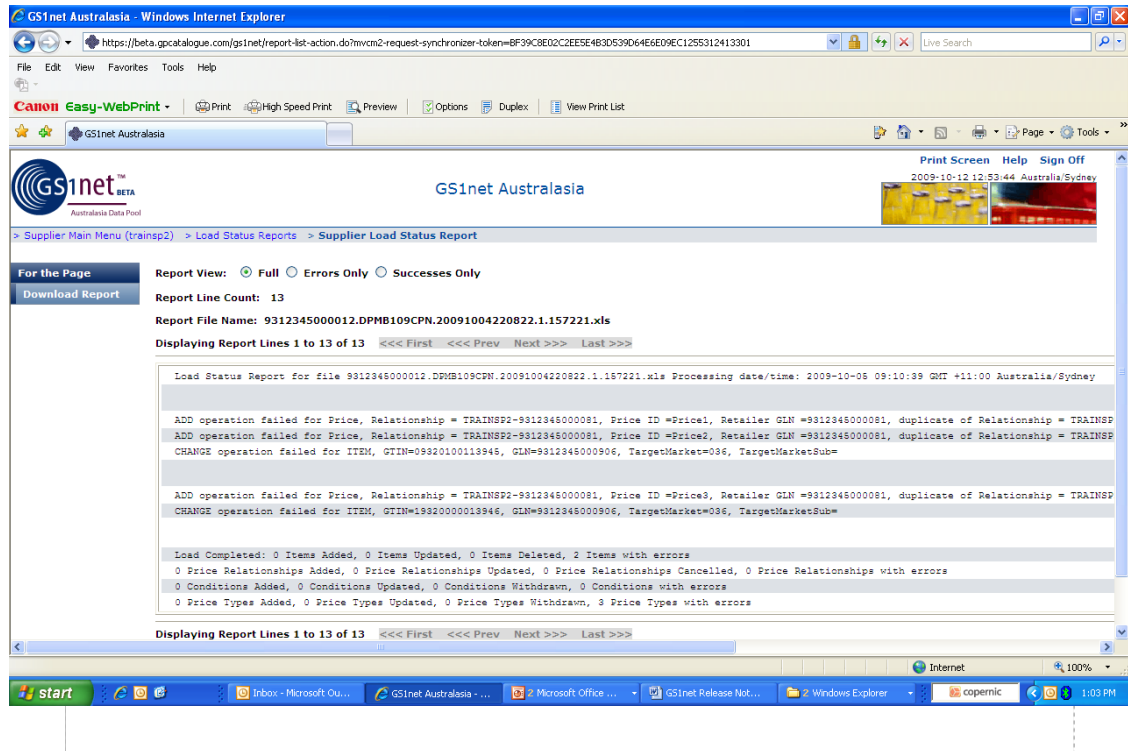
This first error is reported in the Load Status Report (DLSR) as:

Price(x) is a duplicate of Price(y)

There will only be a single error for Price(x) against Price(y), even if Price(x) would duplicate with other prices; this avoids unnecessary looping in the file.

Note: In this example Price(y) will also report having a duplicate Price(x); unless this is not the first duplicate price for Price(y)

The GUI and emailed DLSR will report these price duplicates, as does the GS1net XML response message 'machine to machine' suppliers using XML.



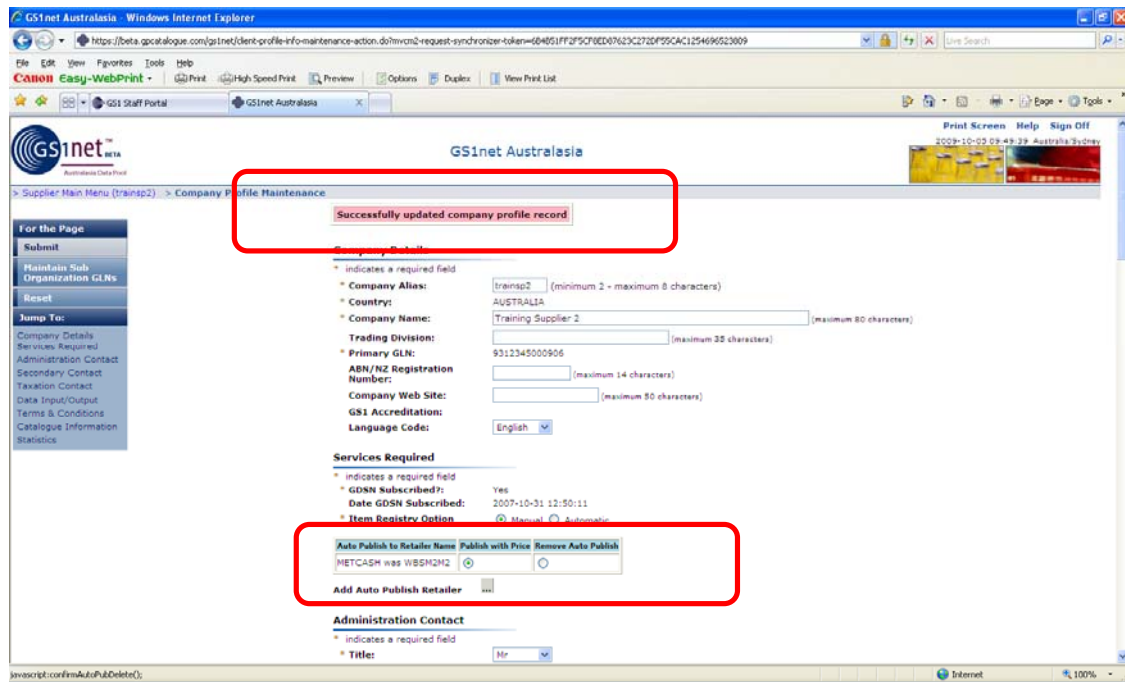
Important Notes for Suppliers to Coles and Metcash

- Both Coles and Metcash will be adopting Price Duplication
- Coles and Metcash do not support price volume breaks (also known as 'Brackets') – there will be a 'block error' on the validator to prevent loading these
- Coles and Metcash do not allow more than 1 'Distribution Method' per GTIN – this means you cannot load a DC price and a DSD price (for example) for the same retailer for the same GTIN

Where Price Duplication Checking is selected by a retailer, this will also apply to prices that duplicate, even though they are in different Price Relationships for the given retailer/supplier.

6. Auto-Publication

A supplier can choose to let GS1net 'auto-publish' hierarchies to 'selected' retailers, when certain conditions are met. The supplier controls 'Auto-Publication' in their company profile; adding or removing retailers as required, thus building up a list of 'auto-publish' retailers.



Once established, Auto-Publication occurs when a hierarchy **is or becomes** 'publication ready' and has 'open' pricing for the selected retailer at 1 (or more) levels in the hierarchy; put simply this is pricing which is not historically end-dated for the selected retailer.

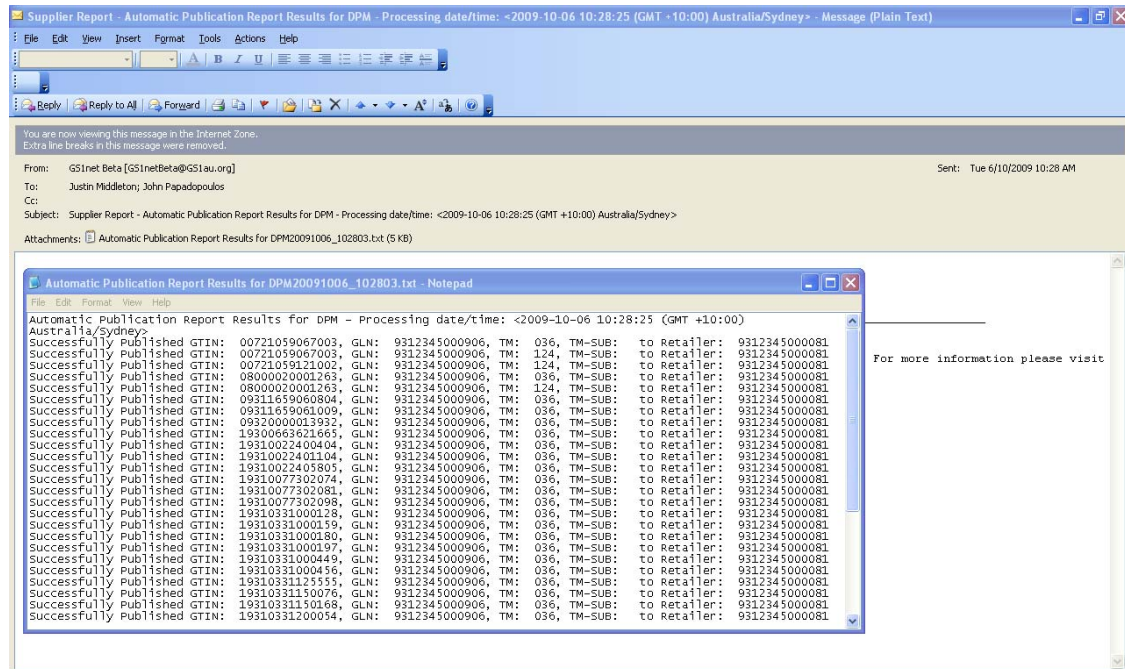
Regardless of the GTIN/s that are flagged as 'Orderable Units' in the hierarchy, and irrespective of which GTIN/s have pricing, the Auto-Publication of the hierarchy **only** occurs at the highest level of the hierarchy.

Additionally, Auto-Publication is a 1-time only process for hierarchies which have '**never**' before been published to the selected retailer'. The functionality is designed to prevent a supplier from 'forgetting' to publish after they have loaded items (a common occurrence). As a secondary benefit, the retailer can guarantee that they will only get hierarchies with pricing when auto-published (quite often hierarchies are published without pricing).

Auto-Publication is reported in two ways:

1. GUI menu option: Automatic Item Publications (under Catalogue Reports)
2. Email (to same recipient/s as the DLSR reports)

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A supplier can switch off Auto-Publication for a retailer at any time without any on-going impacts; any items which have been auto-published but are waiting on a dependent event, such as:

- Item Registration on the Global Registry
- Reaching the Publication Date

will still be auto-published and synchronised.

Note: GS1 envisages the majority of suppliers (those not doing publication via their middleware) will move to auto-publication, but that this must be carefully managed with GS1 Client Services.

Solution Providers who do not wish their suppliers to utilise auto-publish will need to communicate this quite clearly, as part of on-going catalogue management.

<end>