

Release Notes – GS1net Release (Production Oct 25th 2010)

NOTE: These release notes have been written from the ‘Supplier’ (Data Source) perspective; screen shots are from a supplier view unless the data recipient view / functionality is materially different.

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Introduction

This release of GS1net incorporates the annual Global Data Synchronisation Network (GDSN) update. As such this is a critical release for the GS1net community as all users will be affected to some degree.

Some functionality within this release is related to the GS1net Graphical User Interface (GUI).

Deployment Schedule

- Beta: 30th August 2010
- Production: 25th October 2010

Scope

1. XML and DDF Message Formats
2. Changes to Data Model (Item / Price)
 - a. Local Attributes in GS1net
 - b. Changes to Brand Name Length
 - c. Woolworths and Progressive Enterprises Attributes
 - d. Price DELETE
 - e. Price Conditions
3. GPC Code Update
4. Updated Business Validation Rules in the GS1net Validator
5. Price Search – Responding to multiple prices as a Data Recipient
6. Replacement of the Woolworths Catalogue GLN
7. GS1net Supports Internet Explorer 8

1. XML and DDF Message Formats

The GDSN is moving to version 2.7 of the Standard with this release.

The GS1net community will now only be able to upload and download in the following file formats:

- **GDSN XML v2.7**
- **DDF v810A**

Synch messages sent to Data Recipients by GS1net will also be limited to the message formats above.

All users of the Browser Template or Middleware products will need to use the updated versions of these products from Monday 25th October 2010.

1SYNC will update to GDSN v2.7 at the same time as GS1net, so suppliers using 1SYNC are able to continue with 'business as usual'.

Online users of GS1net are not affected by the message format changes, but do need to review the data model changes detailed below.

2. Changes to Data Model (Item / Price)

Local Attributes in GS1net

The principal change to the Data Model for GS1net, as a result of this release, is the removal of several 'local' GS1net attributes because they are now supported in the GDSN Standard.

Local attributes are known as 'Local Data Dictionary' (**LDD**) or sometimes as 'Attribute-Value Pair' (**AVP**). These LDD attributes are moving to the GS1net CORE set of attributes; this means they will:

- have a new attribute name
- have a new DDF map position
- be on the CORE GS1net screen, instead of the LDD screen

Additionally, any data that has been populated against the 'old' LDD attributes will be ported to the new CORE positions as part of this release. GS1 will be able to review a report of this 'migration' exercise and liaise with suppliers after the deployment (should this be necessary).

Important Note: No updates will occur to data recipients as a result of this data porting from LDD to CORE.

The old LDD attributes will cease to exist on GS1net, and suppliers will encounter Block Errors on the Validator should they attempt to load 'old' LDD attributes.

Old LDD attribute	Old DDF position	New CORE attribute	New DDF Position
additionalProductPackagingFeaturesCode	350-G127	packagingFunction value = TAMPER_EVIDENT	153-007
publicReleaseDate	350-G101	communityVisibilityDateTime time default = 00.00.00	040-027
gSTFreeOnlyToEndConsumer	350-G116	taxExemptPartyRole value = CONSUMER	133-008
alternativeOrEquivalentProduct	350-G123	equivalentTradeltem	015-006
isProductRemanufacturedOrReconditioned	350-G124	isTradeltemReconditioned	011-040

Location of New CORE attributes on GS1net

From the GTIN 'Item Details' screen, use the left hand menu 'Attribute Links' which are shown below:

Attribute Links
Header
Company
Branding
Contact Information
Physical
Marketing
Consumer
Hazardous
Environment
Price/Order/Tax
Dates
Logistics
Item
Configuration/Pallet
Classification
External File Information
Sustainability
Warranty Information

The new CORE attributes can be found as per the table below:

New CORE attribute	Attribute Links	Screen Representation
Packaging Function	Physical	
Community Visibility Date Time	Dates	
Tax Exempt Party Role	Price / Order / Tax	
Equivalent Trade Item	Physical	
Is Trade Item Reconditioned	Physical	

Changes to existing attributes – Brand Name

brandName increases in length from 35 to 70 characters

[DDF position 020-007]

Woolworths and Progressive Enterprises Attributes

GS1net is also now displaying many attributes that will ultimately be required for the Woolworths and Progressive roll-out in 2011. These attributes **do not** need to be used until suppliers begin their Woolworths / Progressive engagements in 2011.

These attributes appear on the GUI as of MR4 and are detailed below:

Extension (Location)	Attribute Link	Attribute Name
CORE	Consumer	Security Tag Location
CORE	Consumer	Security Tag Type
CORE	Contact Information	Additional Party Identification Type
CORE	Contact Information	Additional Party Identification Value
CORE	Contact Information	Communication Channel Code
CORE	Contact Information	Communication Number
CORE	Contact Information	Contact GLN
CORE	Contact Information	Contact Type
CORE	Environment	Handling Instructions Code
CORE	Logistics	Consumer Usage Storage Instructions
CORE	Logistics	Opened Trade Item Lifespan
CORE	Physical	Has Display Ready Packaging
CORE	Price / Order / Tax	Is Price On Pack
CORE	Price / Order / Tax	Price Comparison Content Type
CORE	Price / Order / Tax	Price Comparison Measurement
CORE	Price / Order / Tax	Price Comparison Measurement UOM

Extension (Location)	Attribute Link	Attribute Name
Food, Beverage & Tobacco	n/a	Production Variant Effective Date
Food, Beverage & Tobacco	n/a	Nutritional Claim
Food, Beverage & Tobacco	n/a	Ingredient Statement
Food, Beverage & Tobacco	n/a	Ingredient Sequence
Food, Beverage & Tobacco	n/a	Ingredient Name
Food, Beverage & Tobacco	n/a	Content Percentage
Food, Beverage & Tobacco	n/a	Allergen Statement
Food, Beverage & Tobacco	n/a	Number Of Servings Per Package
Food, Beverage & Tobacco	n/a	Preparation State
Food, Beverage & Tobacco	n/a	Serving Size
Food, Beverage & Tobacco	n/a	Serving Size UOM
Food, Beverage & Tobacco	n/a	Measurement Precision
Food, Beverage & Tobacco	n/a	Nutrient Type Code
Food, Beverage & Tobacco	n/a	Quantity Contained
Food, Beverage & Tobacco	n/a	Quantity Contained UOM

CIC – Catalogue Item Confirmation (Woolworths / Progressive Impact)

As part of this GDSN release, the Catalogue Item Confirmation (CIC) message is undergoing a change.

The present GS1net community uses the auto-ACCEPT feature in GS1net to default the Data Recipient responses for Item and Price to 'ACCEPT' status; this means Data Recipients do not have to generate the messages to GS1net that the Standard requires.

Woolworths and Progressive will use the GDSN Response messages, when they begin to utilise GS1net in 2011. For this reason the change to the Catalogue Item Confirmation (CIC) needs to be described.

The CIC v2.7 message has a new attribute added called:

additionalConfirmationStatusLongDescription (1000 character Free Text)

This attribute replaces the existing attribute:

additionalConfirmationStatusDescription (70 character Free Text)

While both will technically be available in the Standard, GS1net will only support the population of **additionalConfirmationStatusLongDescription** – this means that entries to the attribute **additionalConfirmationStatusDescription** will be lost.

On the GS1net Graphical User Interface (GUI) this field box is simply known as 'Additional Comments' – the field is located for Data Recipients to 'populate' from the menu 'Maintain Catalogue Notifications', and for suppliers to 'read' from the menu 'Maintain Publications' (see supplier screen below).

Retailer Information	
Alias:	METCASH
GLN:	9312345000159
Company Name:	METCASH was WBSM2M2
Sub-Organization GLN:	
Sub-Organization Name:	

GTIN:	08000020001263	Target Market Country Code:	036
GLN of Information Provider:	9312345000906	Short Description:	GS1 Carton 6 Bottle 1LT
Classification Category Code / Name:	10000263	Classification Category Name:	10000263
Level:	CASE	Notification Sent Date:	2010-10-20 18:03:42

Response Selected : Review

Details For :	08000020000013 - BASE_UNIT_OR_EACH
Confirmation Status Code :	CIC999 - Free-form text description user defined / en
Additional Comments :	This item has incorrect H / W / D dimensions / en
Corrective Action :	ACTION_NEEDED
Expected Corrective Information :	Corrective action required for Physical Dimensions of Base Unit / en

Support of Price Action – DELETE

As of this release of GS1net, all Data Recipients in the GS1net Community will be able to support the Price Action of DELETE in addition to the already supported actions of:

- ADD
- CHANGE_BY_REFRESH
- CORRECT

DELETE is a price action that can only be used on prices which have not yet started; i.e. they have a Price Effective Start Date in the future. Once DELETE is used for a future price, the price becomes un-editable by the supplier – it is effectively a permanently 'locked' record.

Previously some Data Recipients did not recognise the Price Action DELETE, so that they saw the future price and still recognised it as a pending price change in the future. The supplier was not able to remove the price (having deleted it) and the Data Recipient required support to remove the record.

Now, as of this release, all Data Recipients will recognise any price with the Price Action of DELETE and know to treat this as 'ignore, as if this price never existed' – note, the price itself will remain on GS1net but will not create the previous issues for Data Recipient.

While a price with an end-date (also in the future) can be updated to have Price Action of DELETE, it is not necessary to end-date a price to DELETE it. A price cannot be DELETE'd until any child-prices below are first DELETE'd (however, it is possible to DELETE parent and child prices in the same upload).

Price Action is DDF position 920-012 and XML tag name < priceActionCode>

Price Conditions – (initially for New Zealand Target Market)

Price Conditions are currently not used in the Australian Target Market, but Data Recipients in the New Zealand Target Market are keen to exploit this aspect of GDSN pricing.

Conditions allow more generally applicable trading terms to be synchronised without needing to represent the terms on each and every price.

This release of GS1net supports the enhancement to GDSN Price Conditions that allow a Condition to be specified as:

- Having a specific Distribution Method (1 only)

- Having relevance to products in 1 (or more) Trade Item Group/s in the supplier catalogue

These attributes are both optional.

On the GUI they appear in the Add Conditions screen as below:

Trade Item Group ID:	(select one) <input type="button" value="Add More"/>
Distribution Method Code:	(select one) <input type="button" value="Add More"/>
Last Change Date / Time:	(Format: CCYY-MM-DD HH:mm)

Trade Item Group ID is DDF position 919-009

Distribution Method Code is DDF position 918-009

In the example below, the XML to represent the Condition as being:

- Distribution Method = DC
- Trade Item Groups = 5003 (DESSERTS) and ICE_ (ICE CREAM)

```
= <conditionEffectiveStartDate>  
<effectiveStartDateTime>2010-10-20T00:00:00+11:00</effectiveStartDateTime>  
  
<effectiveStartDateContextCode>FIRST_ORDER_DATE</effectiveStartDateContextCode>  
</conditionEffectiveStartDate>  
<conditionLastChangedDateTime>2010-10-20T18:38:50+11:00</conditionLastChangedDateTime>  
<distributionMethodCode>DC</distributionMethodCode>  
<tradeItemGroupIdentificationCode>5003</tradeItemGroupIdentificationCode>  
<tradeItemGroupIdentificationCode>ICE_</tradeItemGroupIdentificationCode>  
</priceSynchronisationCondition>
```

3. Global Product Classification (GPC) Code Update

Coinciding with the upgrade to GDSN v2.7, the Global Product Classification (GPC) code list is being updated.

The version of GPC supported in GS1net will now be 1st June 2010, which replaces the previous version (31st Aug 2009).

The differences between these GPC code versions have been minor from the GS1net Australasia perspective, with the most significant impact being to suppliers in the Australian Liquor sector.

GS1 has provided details to the affected suppliers, or their middleware providers.

The GPC code list for 1st June 2010 can be downloaded at:

<http://www.gs1.org/gsmp/kc/gpc>

4. Updated Business Validation Rules in the GS1net Validator

To coincide with this release updated business validation rules have been entered into the GS1net Validator; these rules can be reviewed at:

<http://www.gs1au.org/services/gs1net/technical/>

Section '**Browser Template, Validator and Training**'

Open the link: [+Validating Data](#)

Note: there are two Validation Rules of particular importance in this release:

ITEM Rule

Within each hierarchy one or more trade items must have 'isTradeltemAnInvoiceUnit' = true

PRICE Rule

Price Action Reason Code must be provided

These are already rules in the GS1net Validator today, but suppliers who use online data entry may have created data in the past which does not observe these rules.

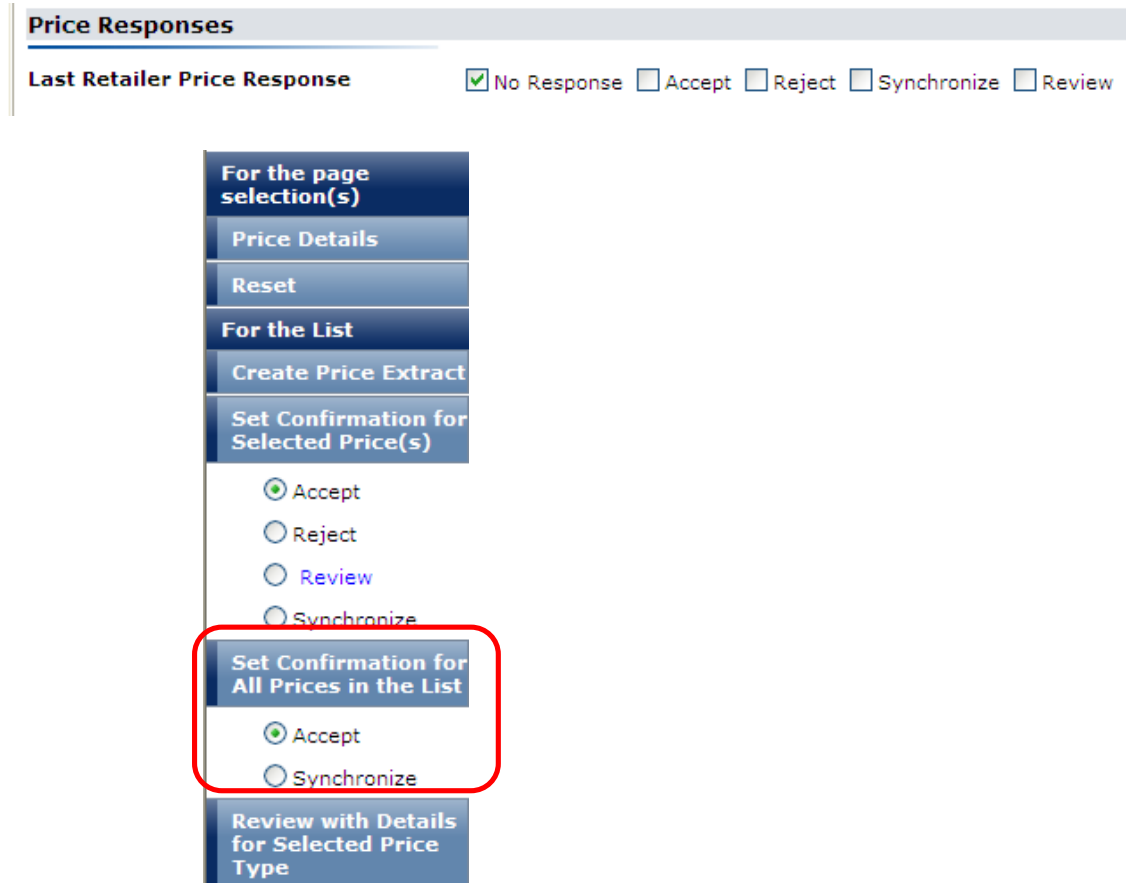
From this release it will not be possible to update any ITEMS or PRICES in GS1net (which break these rules), without at the same time fixing the error reported.

5. Price Search – Responding to multiple prices as a Data Recipient

For the Data Recipient user (only) the price search results page allows the setting of price confirmation status directly. This is particularly useful for setting price confirmations following a search for status 'no response', or for directly setting REVIEW status for a price (setting REVIEW status requires the completion of additional details).

As of this release, the Data Recipient will be able to set an **Accept** or **Synchronize** response for 'ALL' items in the list, under the following conditions:

- Specific Supplier GLN has been searched for
- Last Retailer Price Response selection is 'No response'



It is not possible to use the Set Confirmations for ALL Prices in the list for REVIEW or REJECT because these statuses require extra information to be provided by the Data Recipient – GS1net will require REVIEW or REJECT status updates to a price, one price at a time.

6. Replacement of the Woolworths Catalogue GLN

From this release the Woolworth Catalogue on GS1net will be defined as:

ALIAS	Name	GLN
WOW	Woolworths Supermarkets	9377779228289

This replaces the previously existing Woolworths catalogue which had details:

WOOLWTHS	<i>Woolworths Ltd</i>	9300633025595
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Important Notes:

1. Suppliers should **not** begin to populate price data for the new Woolworth Catalogue on GS1net until officially engaged by Woolworths.
2. Suppliers should **not** publish any catalogue data to the new Woolworth Catalogue on GS1net until officially engaged by Woolworths.
3. No files can be sent to the old Woolworths catalogue on GS1net from this release – a message loading error will occur. Additionally no supplier or Data Recipient user can search for the old Woolworths catalogue via the GS1net web GUI; the catalogue will not be found.

7. GS1net Supports Internet Explorer 8

GS1net is now certified to use Internet Explorer 8 (IE8); however users should note that GS1net does not allow use of multiple tabs (as today).

There should only be one GS1net page running under any active IE8 session.

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