



# GS1net™ User Group

Waipuna - 13<sup>th</sup> June 2011





# Agenda

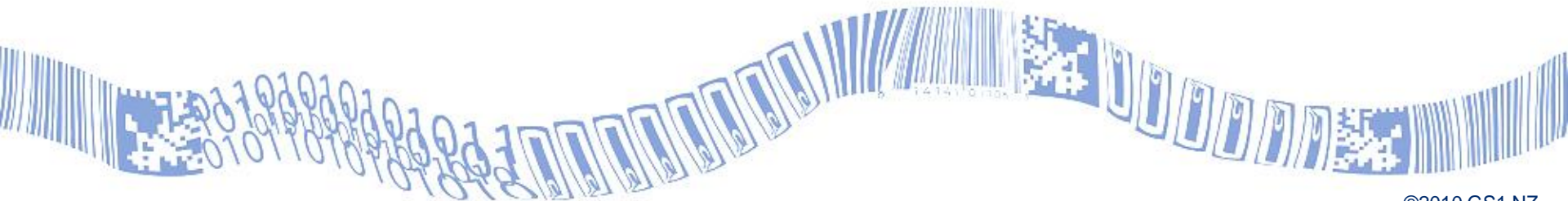
- Objectives
- Community Update
- User Group Scorecard & Technical Update
- Retailer Update
- **Morning Tea**
- Retailer Update Cont'd
- Middleware Presentation
- Breakout Session
- Where to from here?





# Objectives

- Inform you of upcoming and recently released changes to GS1net
- Review Scorecard & feedback from November User Group
- Provide you with an update from key Grocery/Hardware Retailers
- Enable you to provide detailed feedback about your GS1net experience & share with group
- Show you how to get help if you need it





# Community Update – June 2011

## New Zealand:

**303** companies currently participating

- 8 Retailers
- 2 S&D
- 293 Suppliers / Manufacturers

**118K+** Supplier Maintained GTINs  
*(10% increase since Nov. User Group)*

**70** Suppliers are GS1net Ready <sup>TM</sup>

**~115** Suppliers are GS1net Live <sup>TM</sup>

## Across Australia & New Zealand:

**1495** companies currently participating

- 66 Retailers
- 18 S&D
- 1411 Suppliers / Manufacturers

**435K+** Supplier Maintained GTINs  
*(18% increase since Nov. User Group)*

**1,100+** Suppliers have loaded data in GS1net

**~700** Suppliers are GS1net Live <sup>TM</sup>

**GDSN Globally – 7.2 million GTINs 20k GLNs**

**-- 16% increase since November User Group --**



# User Group Scorecard





# User Group Scorecard - Update



## GS1 New Zealand GS1net User Group – June 2011 Feedback Scorecard *Status at June 2011*

### Completed

#### 1. User Group Meeting Improvements

Questions/Feedback

Action

**Aim: To capture User Group feedback in one place**

**• Used as basis for technical Change Requests**

**• Input to Development Roadmap**

# User Group Scorecard - Detail

## Sample of **completed** feedback

**Feedback:** “Unpublishing to all our GS1net retailers [when required] is labour intensive”

**Feedback:** “When viewing supplier notifications, it would be useful to search via supplier item # ” [retailer requested]

**Feedback:** “A solution/strategy for ‘Regional Pricing’ needs to be established on GS1net” [Hardware industry]

**Action:** See next slide...



# Regional Pricing - Hardware

## Hardware Industry – Regional Pricing

The Australasian Hardware Industry has particular requirements around regional pricing. You need to talk to your retailer and agree on loading data for one of the below options:

Option 1 – Supplier Defines their own regions

Option 2 – Retailer Defines the regions

Option 3 – GS1net/Community Defines the regions

Once the option above has been agreed, you will need to get GLNs (from GS1) for each region and load pricing to GS1net.

In GS1net, the below attributes are used to specify which region the price is for:

- Ship From GLN
- Ship To GLN
- Target Market Subdivision
- Distribution Method

***Detailed information can be found in the whitepaper  
“Regional Pricing for NZ Hardware Industry v1.0”  
(available from GS1 New Zealand)***

# User Group Scorecard - Detail

Sample of **work-in-progress** feedback

**Feedback:** “Staff changes mean people need to be continually re-trained in the system”

A  
S

**Feedback:** “System performance can be slow at times on GS1net, especially when downloading/uploading data”

**Action:** Performance of the system is constantly monitored and periodic upgrades mean faster performance

- Inbound + Outbound processing improved late '10
- Upgraded architecture late '11



# GS1net™ Technical Update





# GS1net Technical Update

1. Project “DoubleNet”
2. Price Duplication
3. Technical Roadmap
4. Communication





# Net Weight – a new definition

The GDSN release in October 2010 stated:

*“Net Weight excludes all packaging material, including the packaging material of all lower-level GTINs”*

*versus*

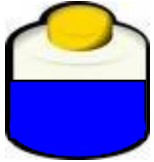
*“Net weight excludes any packaging materials”*

*(source: GS1 Global Data Dictionary)*





# 'Old' Net Weight - EACH



Gross Weight

Outer Packaging

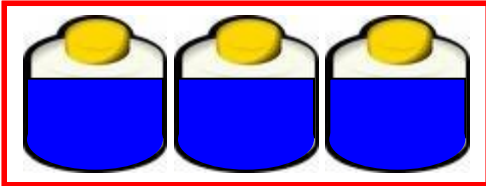
Net Weight

EACH





# 'Old' Net Weight - INNER



Gross Weight

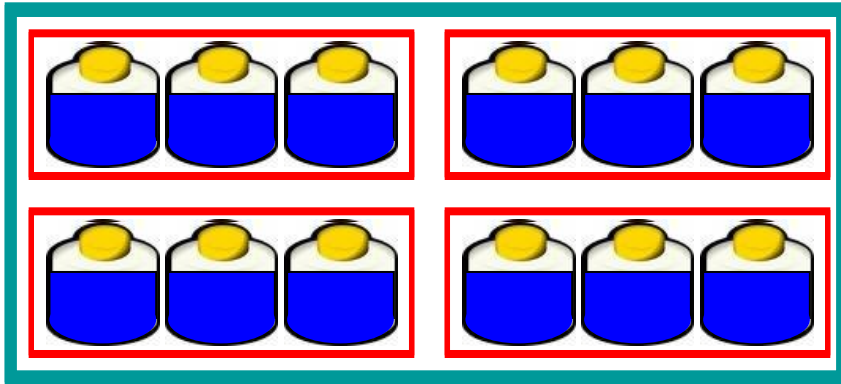
Outer Packaging

Net Weight

**INNER**

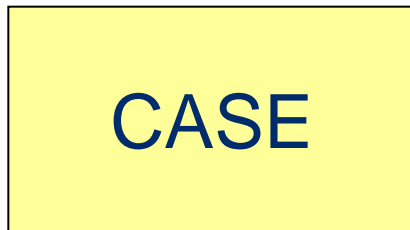


# 'Old' Net Weight - CASE



Gross Weight

Outer Packaging



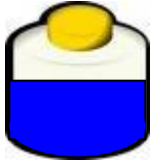
Net Weight





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# 'New' Net Weight - EACH



Gross Weight

ALL Packaging  
at ALL levels

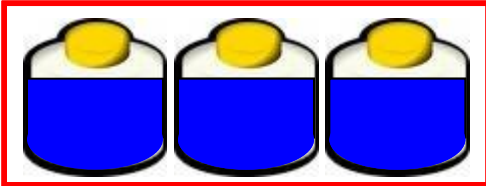
Net Weight

EACH





# 'New' Net Weight - INNER



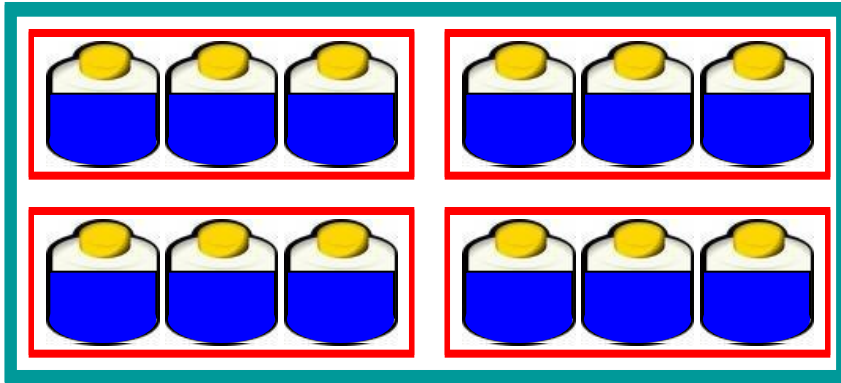
Gross Weight

ALL Packaging  
at ALL levels

Net Weight

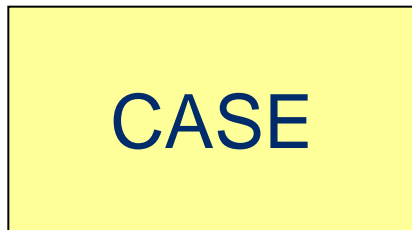


# 'New' Net Weight - CASE



Gross Weight

ALL Packaging  
at ALL levels



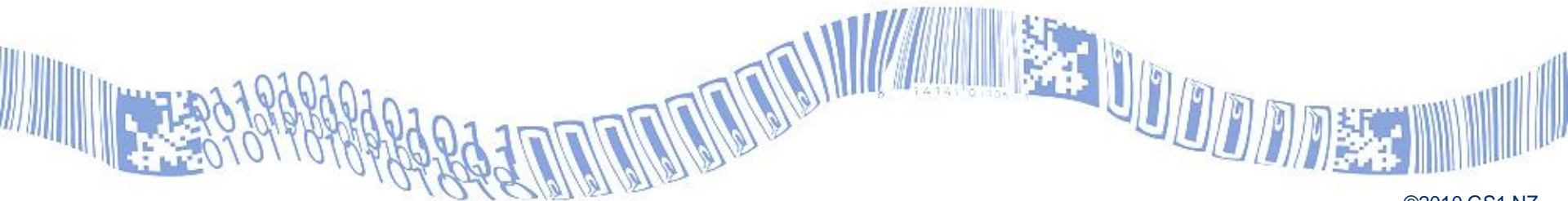
Net Weight





# Project 'DoubleNet'

- New 'Net Weight' definition is first part of Project DoubleNet
- Second part of Project DoubleNet concerns 'Net Content'
- AU and NZ Community will see the effects at the next release of GS1net (Aug / Sep 2011)



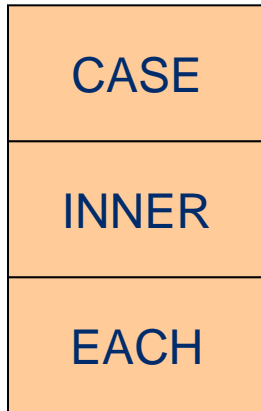
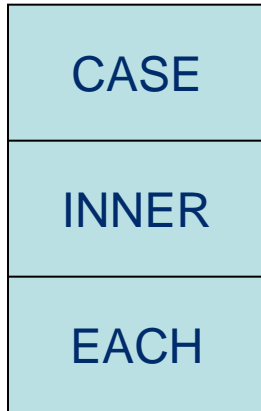


# Project 'DoubleNet' - Impacts

- Net Content information will only be required at:
  - the lowest level of the product hierarchy, ***and***
  - for any consumer units not at the lowest level
  - If loaded at higher levels, the cumulative Net Content should be used
- GS1 will retire the attribute 'Units per Pack'



# Net Content - Examples



		<b>Net Content</b>
	Acme Yoghurt 150g x4 x 2	1200g
	Acme Yoghurt 150g x 4	600g
	Acme Yoghurt 150g	150g





# Project DoubleNet – Why Change?

- GS1net is part of a global network
- The standards need to work globally
- Inconsistency in population of 'Unit Net Content' across the hierarchy
- Net Weight confusion from global suppliers





# Summary – DoubleNet Actions

## 1. New 'Net Weight' definition

**Supplier Action:** You will need to change the way you calculate the Net Weight field

**By When?:** By 1st October all Net Weights should be updated to exclude all packaging weight.

## 2. Clarified 'Net Content' definition

**Supplier Action:** No specific action needed. Net Content on the Consumer Unit has not changed. If you have loaded Net Content on Non-Consumer Units you should ensure it is aligned to the new definition.

**By When?:** If you have loaded Net Content on Non-Consumer Units this data would need to be cleansed by 1st October.

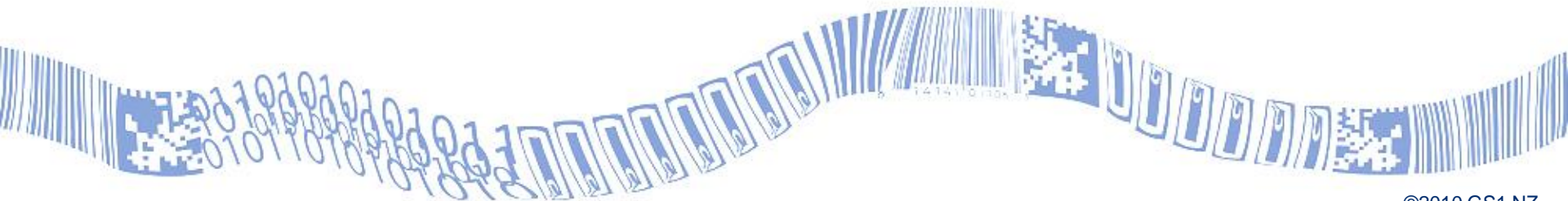
## 3. The 'Units Per Pack' attribute will be removed from GS1net by October 2011.

**Supplier Action:** Retailers in New Zealand don't utilise the Units Per Pack field.



# Price Duplication Logic

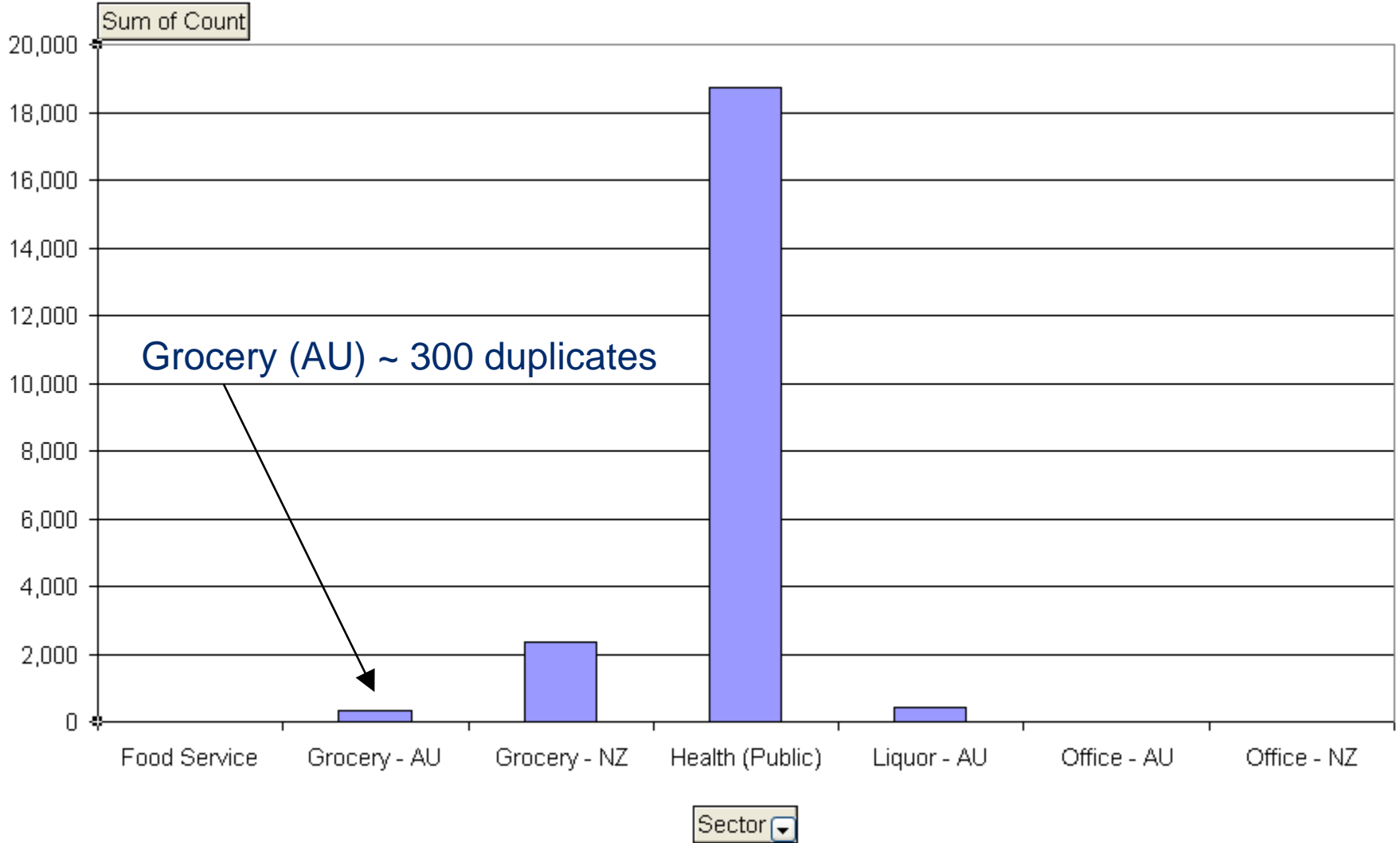
- **Issue** – suppliers loading multiple active prices
- **Solution** – ‘Price Duplication Logic’
- Turned on for most Retailers, excluding
  - Healthcare (private sector)
  - Hardware (NZ sector)
- Problem largely addressed in supermarkets; remedial action now required in the Healthcare (public) arena





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# Price Duplication - Exposure





# Inconsistency – ‘Data Quality’ issue

- Price Duplication and Project ‘DoubleNet’ are two examples of ‘Data Quality’ initiatives
- Definition of ‘poor’ Data Quality is extended to mean that the Retailer cannot accurately resolve what the supplier intended to convey:
  - inconsistent Net Content at different levels
  - items having more than one possible price applicable at a given place and time





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# Technical Roadmap

APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR

2011

2012

GPC Code

GS1net

Validator

Validator

Validator

New GS1net User Interface

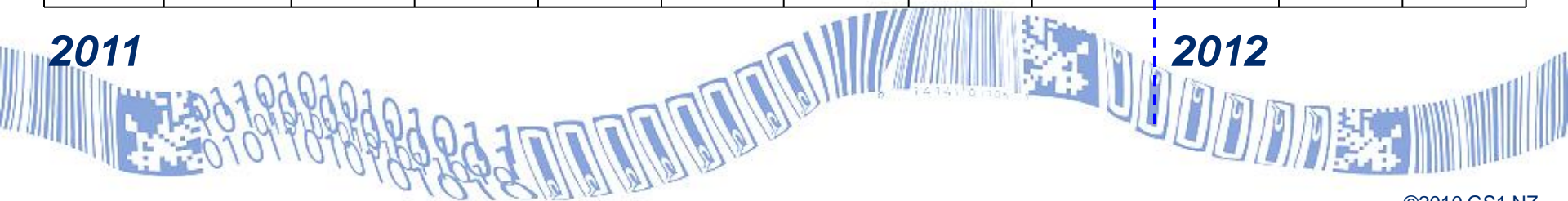
'Go Scan' – Extended Labelling Initiative

GDSN MR5

APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR

2011

2012





# Next Release of GS1net

3 areas of direct mapping impact for 'affected' Retailers:

1. DoubleNet
2. UNSPSC version (repeats)
3. Extended Labelling / Nutritional Information





# GS1net Release (\*) – Aug / Sep 2011

- Data Purge – Project ‘DoubleNet’
- Retailer XML download – file splitting
- Retailer – Catalogue Notifications Search
  - allow search by vendor ref / supplier item #
- Supplier – Publications
  - Un-publish product to many / all retailers
- Retailer – M2M Item Request message to include pricing content

*(identified as a current gap in the GDSN message standard)*

(\*) Subject to scope confirmation



# GS1 Communication to Suppliers

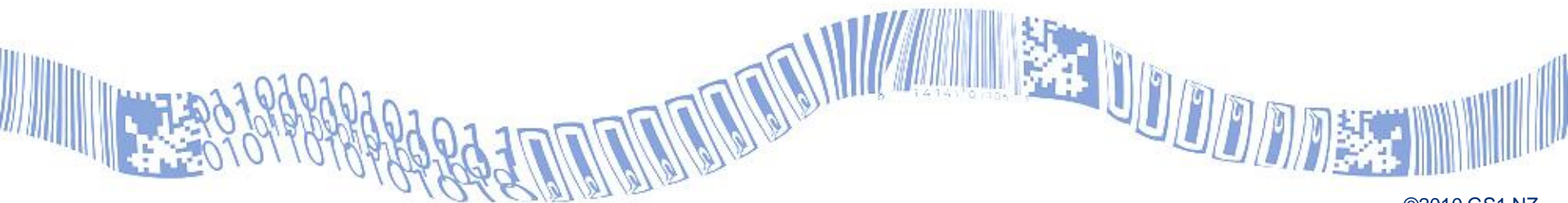




# GS1net Community Notice

Used to communicate:

- Retailer news and updates
- Advance notification of validation rules changes, data requirements
- Covers all sectors using GS1net
- Key technical update notes
- Suppliers going GS1net Live & Ready





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# GS1net Community Notice

## Grocery Sector Update

### Requirements Revision:

Please be aware that the below two attributes have been removed as a Grocery requirement. There will be no changes to validation rules around these attributes. If you have already loaded this data, it is fine to leave it in your catalogue.

- orderingLeadTime
- orderingLeadTimeUOM

GS1 will no longer be incorporating the above two attributes into our GS1net Ready certification process.



COMMU

**Suppliers Going G**

The GS1net Ready process... your product data with your tradi... standard of data being submitte... and that you are capable for ens...

Our website contains a present... Ready for your customer. You w... will need to complete prior to your request to us to become GS1net Ready for a particular customer.

Suppliers that have recently become GS1net Ready:

- Suppliers Going GS1net Live



# Messages from GS1net

You have the ability to reduce the number of system emails:



**Data Input/Output**

- \* indicates a required field
- \* **Report Output Option:**
  - Do not email reports
  - Email only reports with errors
  - Email all reports
  - All CIC/CPC Reports
  - REJECT or REVIEW Only
  - REJECT, REVIEW or SYNCHRONIZE Only
- Email Retailer CIC/CPC Reports based on Response:**
- \* **Report Email Address:** test@email.co.nz  
be entered separated by ';' )
- \* **Confirm Email Address:** test@email.co.nz

**Company Administration**

- [Maintain Company Profile](#)
- [Activity Log](#)

Will become more important over time



# Upcoming Initiatives





# Upcoming Initiatives

- GS1net Price Purge
- New Web Interface
- GS1 Recall & Withdrawal Solution
- GS1 Extended Labelling & GoScan



# GS1net Price Purge

- Pricing data in GS1net is growing exponentially
- 2-3 million prices
- Need to consider removing old pricing
- Planning underway, current discussion:

“Remove prices that have an end-date 13 months in the past”





# GS1net – Building a New Interface

- Based on latest web technology
- Can handle retailer response messages
- Real-time validation
- Interface will suit some suppliers currently using the BT or GUI
- **Not a replacement for Middleware**
- **Does not integrate with your existing systems**

**Scheduled for release late '11 early '12**



# Extended Labelling



# Extended Labelling – a simple concept

**Key concept:** Consumers access to trusted product information or related services via their mobile phone



A consumer has a question about a product they are buying.



They use their mobile phone to scan the barcode on the label.



They receive the answer from a **trusted source**

Consumer/Product



Mobile phone



Brand/Retailer



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# Industry is exploring ways of engaging with consumers via extended labeling...



Myer



Sams Club



Kraft



Coles



Tesco

Metro



Carrefour



ShopSavvy



Nestlé



L'Oreal



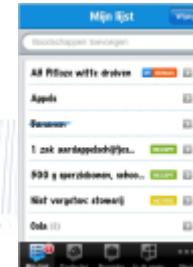
Wal-Mart



Starbucks



Target



Ahold



Good Guide

# Drivers for Extended Labelling data

1. **Consumers** demand significant product data to make purchasing decisions
2. **Retailers** are driving online initiatives, Mobile apps and other in-store services
3. **Government** food labelling review as well as other government initiatives, such as the National Food Composition Database for monitoring nutrition policy as part of the Food & Health Dialogue [AUS]
4. **3rd Party** providers delivering online services using questionable sources for product data

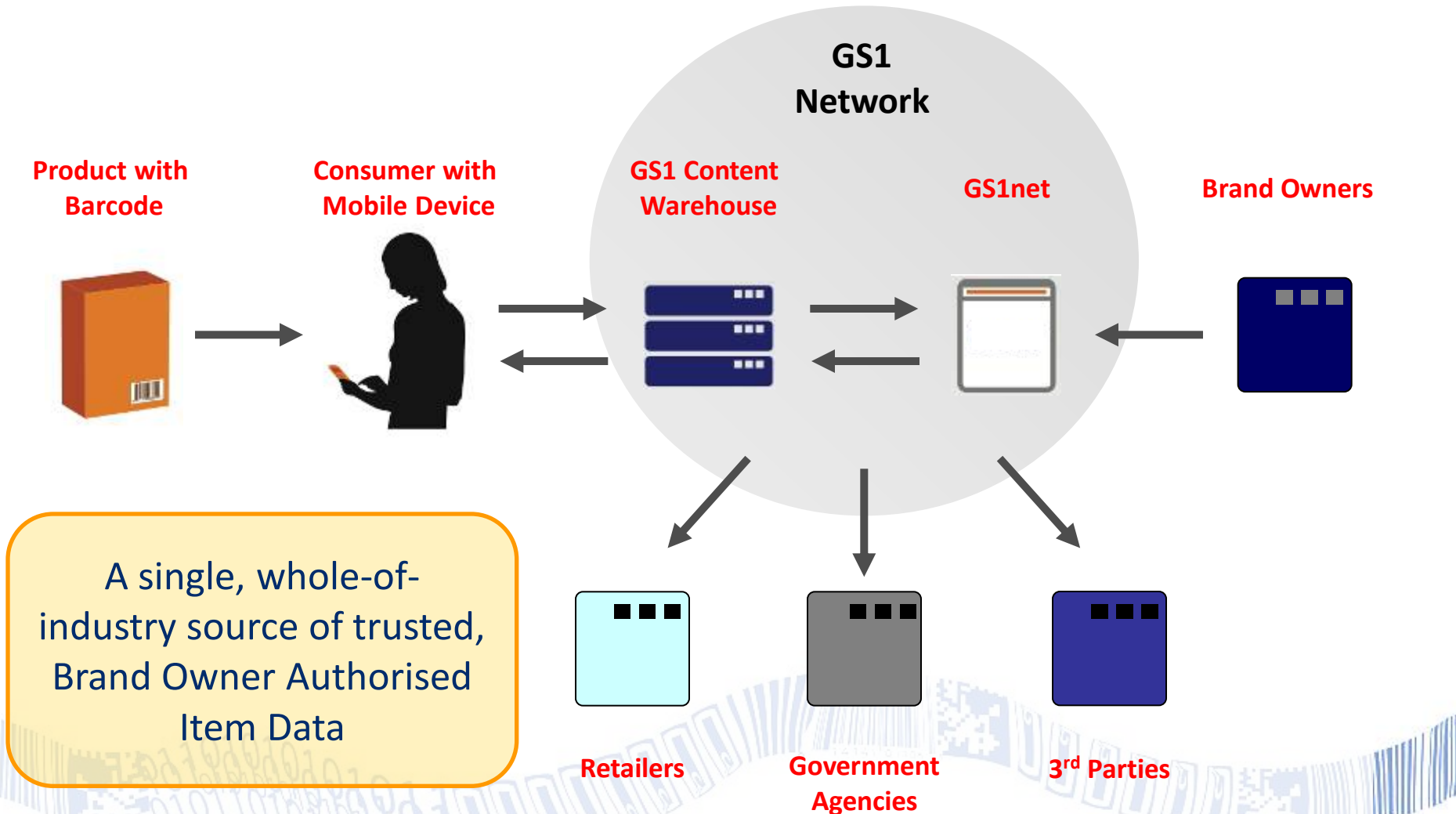


**Welcome**  
to the Woolworths  
online shop.

Groceries and  
more, direct to your  
door.



# How does Extended Labelling work?





## What are we doing in New Zealand?

- Is there an industry/consumer demand?
- Assessing technical capabilities
- Can/should we leverage Australian approach?



# GS1 Recall & Withdrawal Solution



# GS1 Recall & Withdrawal Solution

Move from the current  
manual paper forms  
and adhoc  
communications



To a standards based,  
secure, auditable web  
based portal

## A&NZ PRODUCT RECALL / WITHDRAWAL FORM

See AFGC and FGC(NZ) websites for Recall Guidelines and for Media Contact details

### SUPPLIERS NOTIFICATION FORM to RETAILERS / GOV'T AGENCIES

DATE:	<input type="text"/>	TIME:	<input type="text"/>
-------	----------------------	-------	----------------------

TO ADVISE ACTION efficiently to all major retailers, please email and follow with a call to contacts

RETAILER	EMAIL	FAX - DIRECT	PHONE - Bus Hrs	PHONE - After Hrs
Woolworths	<a href="mailto:withdrawrecall@woolworths.co.nz">withdrawrecall@woolworths.co.nz</a>	(02) 8888 2879	(02)8885 2879 Nat'l Retail Support	Aust 1800 638 434 VWV Information C.
Coles	<a href="mailto:Coles_OC@Coles.com.au">Coles_OC@Coles.com.au</a>	(03) 9829 5064	(03) 9829 5088 Jean Mitchell	Aust (03) 9829 6900
Metcash/IGAD	<a href="mailto:steven.newton@metcash.com">steven.newton@metcash.com</a> & <a href="mailto:suzi.vasilev@metcash.com">suzi.vasilev@metcash.com</a>	(02) 9741 3463	1800 119 920 Technical Services	Aust 1800 119 920 Steven Newton
Franklins	<a href="mailto:dhastings@franklins.com.au">dhastings@franklins.com.au</a>	(02) 9556 1858	(02) 8577 4455	Aust (02) 9556 1858
Progressive	<a href="mailto:mark.bell@progressive.co.nz">mark.bell@progressive.co.nz</a>	NZ (09) 255 2273	NZ (09) 255 2148	NZ (09) 428 1255
Foodstuffs-AUK	<a href="mailto:alicia.mcdiarmid@foodstuffs.co.nz">alicia.mcdiarmid@foodstuffs.co.nz</a>	NZ (09) 621 0857	NZ (09) 621 0856	NZ (021) 315 568
Foodstuffs-WLG	<a href="mailto:Jenny.Ineson@foodstuffs-wfn.co.nz">Jenny.Ineson@foodstuffs-wfn.co.nz</a>	NZ (04) 527 2611	NZ (04) 527 2510	NZ (027) 245 0512 Wanda Yardley
	<a href="mailto:cc.Wanda.Yardley@foodstuffs-wfn.co.nz">cc Wanda.Yardley@foodstuffs-wfn.co.nz</a>	NZ (06) 356 8590	NZ (06) 356 5980 ext 25	NZ (027) 245 0512 Retail Legis'n Mgr
Foodstuffs-Sth Island	<a href="mailto:amber.field@foodstuffs-si.co.nz">amber.field@foodstuffs-si.co.nz</a>	NZ (03) 353 8195	NZ (03) 353 8700	NZ (021) 438 067



The screenshot shows the GS1 Recallnet web portal interface. At the top, there is a header with the GS1 logo and the text 'GS1 Recallnet'. Below the header, there is a section titled 'What is GS1 Recallnet?' followed by a paragraph explaining the tool's purpose. A section titled 'Developed collaboratively based on industry requirements' is also present. Below this, there is a section titled 'Please select your industry sector:' with two buttons: 'Grocery, Liquor and Foodservice' (with an apple icon) and 'Healthcare' (with a stethoscope icon). At the bottom, there is a footer with 'Terms of Use | Privacy Policy | Services Agreement' and 'Copyright © GS1 Australia 2011'.



New Zealand

# Project Team Composition



Dairy for life



:FGC

NEW ZEALAND FOOD & GROCERY COUNCIL





# GS1 NZ Recall & Withdrawal Project - Overview

**Reduce inefficiencies & unnecessary costs for the industry through the application of a product recall & withdrawal portal to facilitate consistent data requirements & processes.**

## **Scope:**

- ✓ Assessment of the Australian food, grocery & liquor Recallnet web portal
- ✓ Identification of local practices and development of any specific industry requirements
- ✓ Assessment of the industry adoption, including the financial arrangements
- ✓ Initial industry pilot and launch a production system to replace current manual and inconsistent processes

## **Deliverables:**

- ✓ A NZ Web based product recall and withdrawal portal, initially for the Food & Grocery sector
- ✓ A commercial fee structure to support the portal on an ongoing basis
- ✓ Industry commitment to implement and promote the update of the portal



# Project Benefits

**This standardised communication process between manufacturers/suppliers and their trading partners will:**

- Reduce errors and mitigate costs for both recalls and withdrawals
- Improve capacity to track, trace and report
- Further brand protection for all trading partners e.g. manufacturers and retailers
- Enhance safety and consumer confidence
- Augment response to current and potential regulatory requirements through recall audit trail
- Demonstrate New Zealand industry is prepared to adopt global best practices
- Remain aligned to our closest trading partner i.e. Australia
- Leverage momentum in Australia to build NZ recall /withdrawal network quickly and efficiently



# Proposed Draft Work Program

Task	Timing	Detail
Determine industry interest	Complete	
Establish project team	Complete	
Kick-Off Meeting	19 <sup>th</sup> May 2011	3 hrs; Auck
Industry Pilot – On site scenario testing	<i>4<sup>th</sup> August 2011</i>	1 day; Auck
Industry Pilot – Offline Scripts	<i>8<sup>th</sup> August 2011</i>	1 week; Offline
Pilot Debrief	<i>17<sup>th</sup> August 2011</i>	1.5 hrs; Conf Call
Sign-Off Change Req & Fee Model	<i>31<sup>st</sup> August 2011</i>	3.0 hrs; Auck
Delivery Of Production Solution	<i>31<sup>st</sup> Sept 2011</i>	
Final Industry Pilot	<i>Oct 2011</i>	1 day; Auck
Final Sign-Off & Rollout Prep	<i>Nov 2011</i>	3.0 hrs; Auck
Rollout to Industry	<i>?</i>	



# Retailer Updates



# Industry Working Groups

Warehouse Stationery

OfficeMax

OfficeWorks

Corporate Express **Office Supplies**



**OfficeMax**<sup>®</sup>



Noel Leeming

Harvey Norman

Retravision

Dick Smith

Betta Electrical

**Consumer Electronics**



CRT

Elders

Farmlands

RD1

PGG Wrightson

**Rural**



# Industry Working Groups

Mitre 10 NZ

Mitre 10 AU

Bunnings

Placemakers

ITM

Supercheap Auto

Danks

Reece



## Hardware





New Zealand



## *Presentation*





New Zealand



## *Presentation*





New Zealand



PROGRESSIVE  
ENTERPRISES  
LIMITED

## *Presentation*





# ITM GS1net Update



- Working through their top suppliers by category
- Now GS1net Live with 6 suppliers
- Dataset aligned with HIWG
- ITM require regional or store based pricing

***-- Mannan Bohra available for questions --***





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# *innovit*<sup>®</sup>

*Presentation*





# GS1net™ Breakout Session

- User Group Feedback/Information sharing





# User Breakout Session

## Guidelines:

**-- Will run for ~ 45 minutes --**

- Structured questions but also free-form discussion
- Facilitators have a list of questions to pose to the group
- The Facilitator is there to help guide your group
- At the end of this session, time permitting, we will ask some of the Facilitators to give us some of the group's answers

**-- Please ensure your comments are written down so that we can have this record of feedback --**





# GS1net Training Update





# GS1net Support & Training

- Online User Guides (free)
- Recurring weekly webinars (free)
- 3-minute training videos (free)
- ½ Day Browser Template Workshop training (\$99)
- 1:1 onsite training designed specifically for you (paid)
- Middleware users – contact your provider

***GS1net Support Team – available for GS1net Ready/Live suppliers***

**0800 10 23 56**

**[gs1net@gs1nz.org](mailto:gs1net@gs1nz.org)**



# Where to from here?

- GS1 will review comments, summarise and action those which are possible
- The focus should be on improving your data quality
- This presentation will be placed on the web
- **Next meeting planned for end 2011 – running bi-annually**

***Thank you for your attendance***





# Contact Details

GS1 NZ – GS1net Support  
GS1 New Zealand  
T 0800 10 23 56 (Option 3)  
[gs1net@gs1nz.org](mailto:gs1net@gs1nz.org)

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[cameron.frith@gs1nz.org](mailto:cameron.frith@gs1nz.org)

Shaun Bosson  
General Manager – Service Operations  
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M 021 488 676  
[shaun.bosson@gs1nz.org](mailto:shaun.bosson@gs1nz.org)

