



GS1 Australia & The GS1 System

Richard Jones
27th April, 2010





Who is GS1?

- GS1 is a **not-for-profit** organisation
- GS1 consists of **108 national member organisations** driven by a membership of more than a million companies across **150 countries**
- GS1 assists more than **24 industry sectors** globally
- The GS1 System of standards is the most widely used standards system in the world



Australia

Used by millions of companies



■ Countries with a GS1 Member Organisation

■ Countries served on a direct basis from GS1 Global Office (Brussels)

**108 Member Organisations.
150 countries served.
2,000 people helping us.**



GS1 Australia





Who is GS1 Australia?

Formerly EAN Australia

Not for profit Industry Association

Our role is to administer the GS1 System in Australia

Only authorised organisation to issue GS1 barcodes in Australia

Subscription based organisation

Over 100 staff in Victoria, New South Wales and South Australia

Over 16,000 members

Working with over 18 industry verticals



The GS1 System



The global language of business

OVERALL BENEFIT: Improving efficiency & visibility in supply and demand chains

GS1 SOLUTIONS AND SERVICES USING GS1 STANDARDS

 **System** - Integrated system of standards



Global standards for automatic identification

Rapid and accurate, item, asset or location identification



Global standards for electronic business messaging

Rapid, efficient & accurate business data exchange



The environment for global data synchronisation

Standardised, reliable data for effective business transactions



Global standards for RFID-based identification

More accurate, immediate and cost-effective visibility of information



GS1 Numbering

Global Trade Item Numbers (GTIN)

- Brand owner generated, globally unique identifiers

Global Location Number (GLN)

- Identifies a physical or functional location

Serial Shipping Container Code (SSCC)

- Globally unique, serialised logistics unit identifiers

Global Returnable Asset Identifier (GRAI)

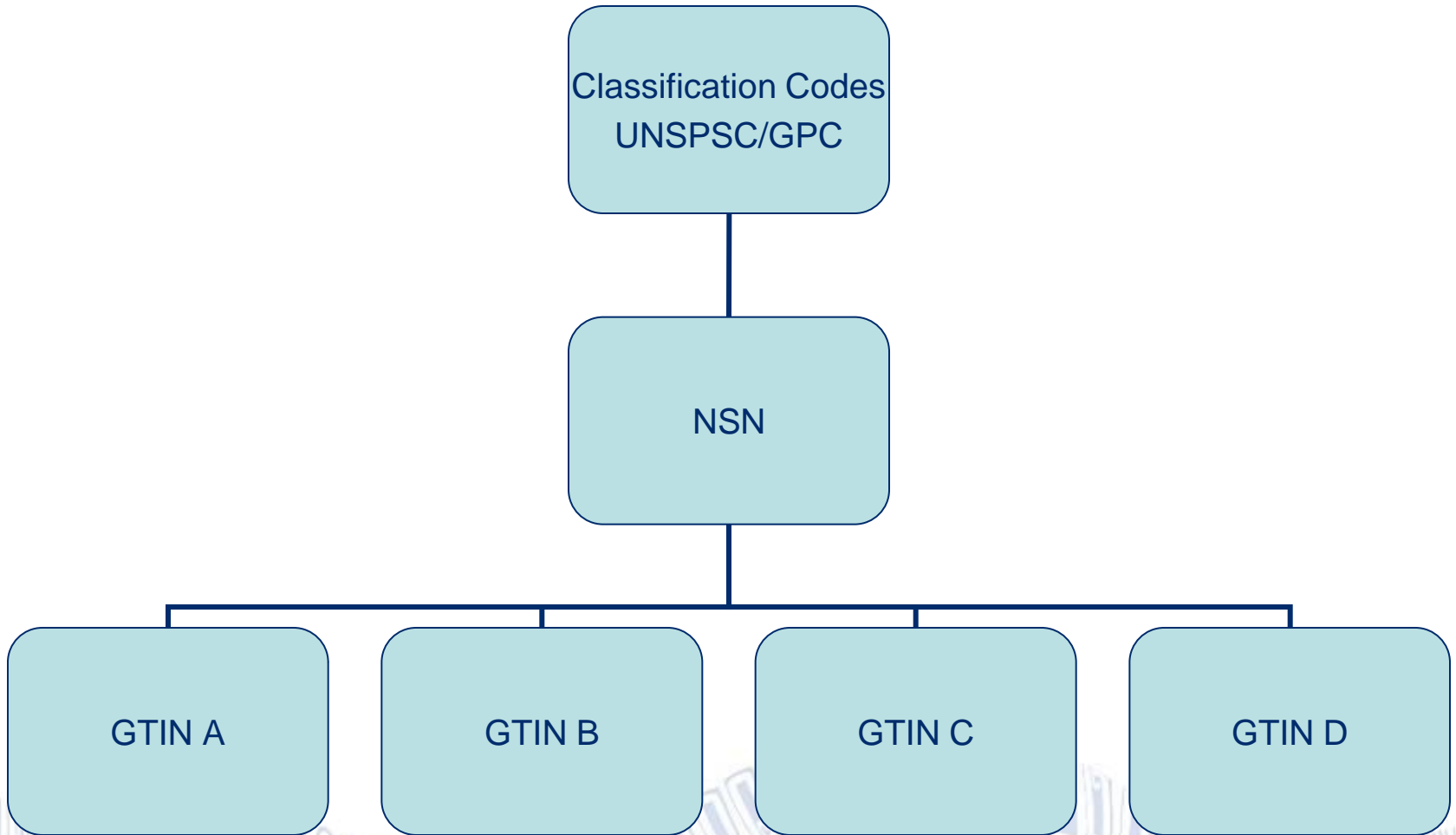
- Serialised asset identifier

Application Identifiers (AI)

- Attribute Data



How GTIN interacts with NSN





GS1 Data Carriers (Linear Bar Codes) for Open Supply Chains



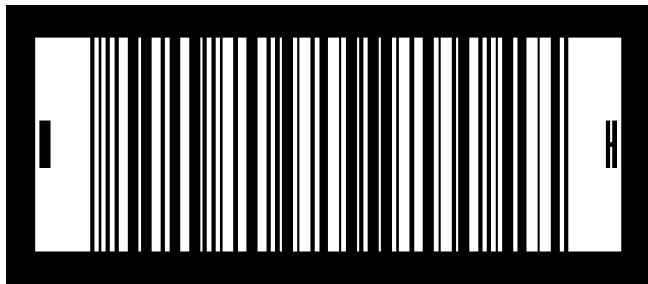
EAN-13



EAN-8



UPC-A

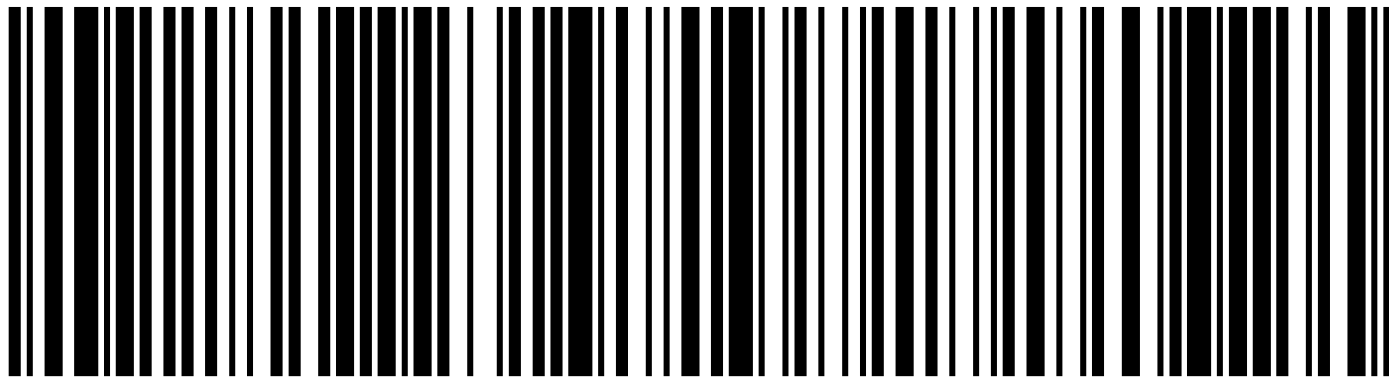


ITF-14

UCC/EAN-128

Preferred on all commercially available product in Part 12 Guidelines

Concatenated GS1-128



(01)09312345678907(17)070912(10)24BEE6

APPLICATION IDENTIFIER

Prefix used to identify data following.

DATA

Data that relates to item
In this case
GTIN

APPLICATION IDENTIFIER

Prefix used to identify data following.

DATA

Data that relates to item
In this case
Use By Date

APPLICATION IDENTIFIER

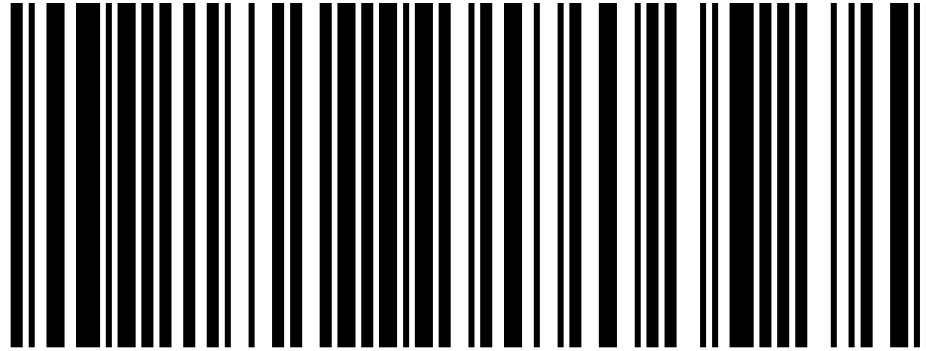
Prefix used to identify data following.

DATA

Data that relates to item
In this case
Batch/Lot #



Serial Shipping Container Code - License plate number



(00)3931234500 00000013

APPLICATION IDENTIFIER

Prefix used to identify data following.

EXTENSION DIGIT

(0-9)
Increases capacity of the SSCC

EAN•UCC COMPANY PREFIS

(7 or 9 digits)

ITEM REFERENCE

Company Assigned
(9 or 7 digits)

CHECK DIGIT



GS1 Messaging

EDI and XML messaging for the GS1 user community based on UN/EDIFACT and co-developed with UN/XML.





Locatenet

Australia

Menu

- Home
- My GLNs
 - Company Details
 - All User Profiles
 - My User Profile
 - Add & Edit My GLNs
 - Transactions
- Auto Alerts
- Directory Search
- News

Links

- GS1 Australia
- GS1net/NPC
- FAQs
- Fees
- Terms & Conditions
- Support
- User Guides

[Home](#) > [Company Details](#)

My GLNs - Company Details

Company Administrators have the access rights to edit the following Company and Contact details. If you do not have Editing rights to this page, please contact your Company Administrator.



Hint:

Your Company GLN held in "Company Details" is not stored as a GLN record in your GS1Locatenet Catalogue and therefore will not appear in any search results. If you want this GLN to be available to your trading partners via GS1Locatenet, add this GLN and the associated master data using the "Add & Edit My GLNs" function.

* Denotes Mandatory Field

Company Details

Contact Details

General Details

Company Alias: GS1AU

Company Status: Active

GS1 Member#: 00004046

Company GLN: 9377778033563

* Company Name: GS1 Australia Ltd

* ABN: 67005529920

* NPC Registered Company: Yes No

Company Turnover: \$15M to less than \$20M

Street Address Details

* Street Address 1: Axxess Corporate Park

Street Address 2: Unit 100/45 Gilby Rd

* City: MT WAVERLEY

* State:

* Country:

* Postcode: 3149

Billing Address Details

Same as Above

* Billing Address 1: Locked Bag 2

Billing Address 2:

* City: MT WAVERLEY

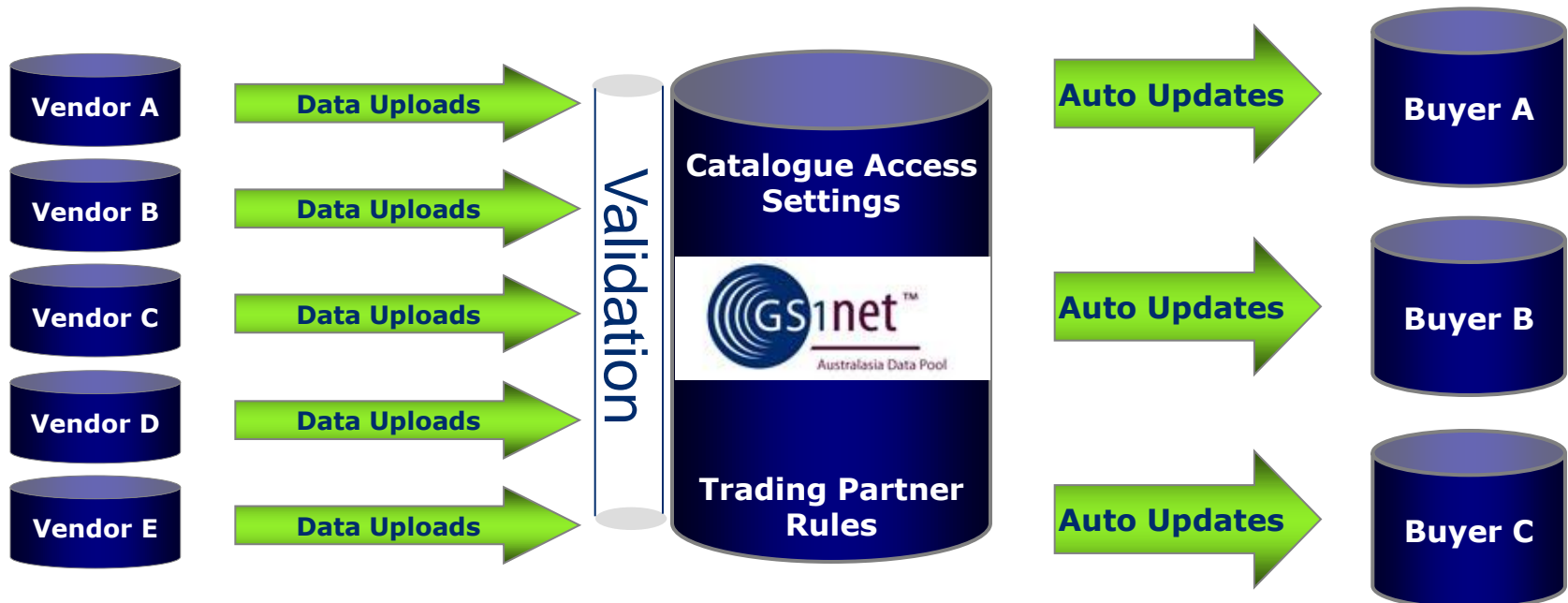
* State:

Global Data Synchronisation Network



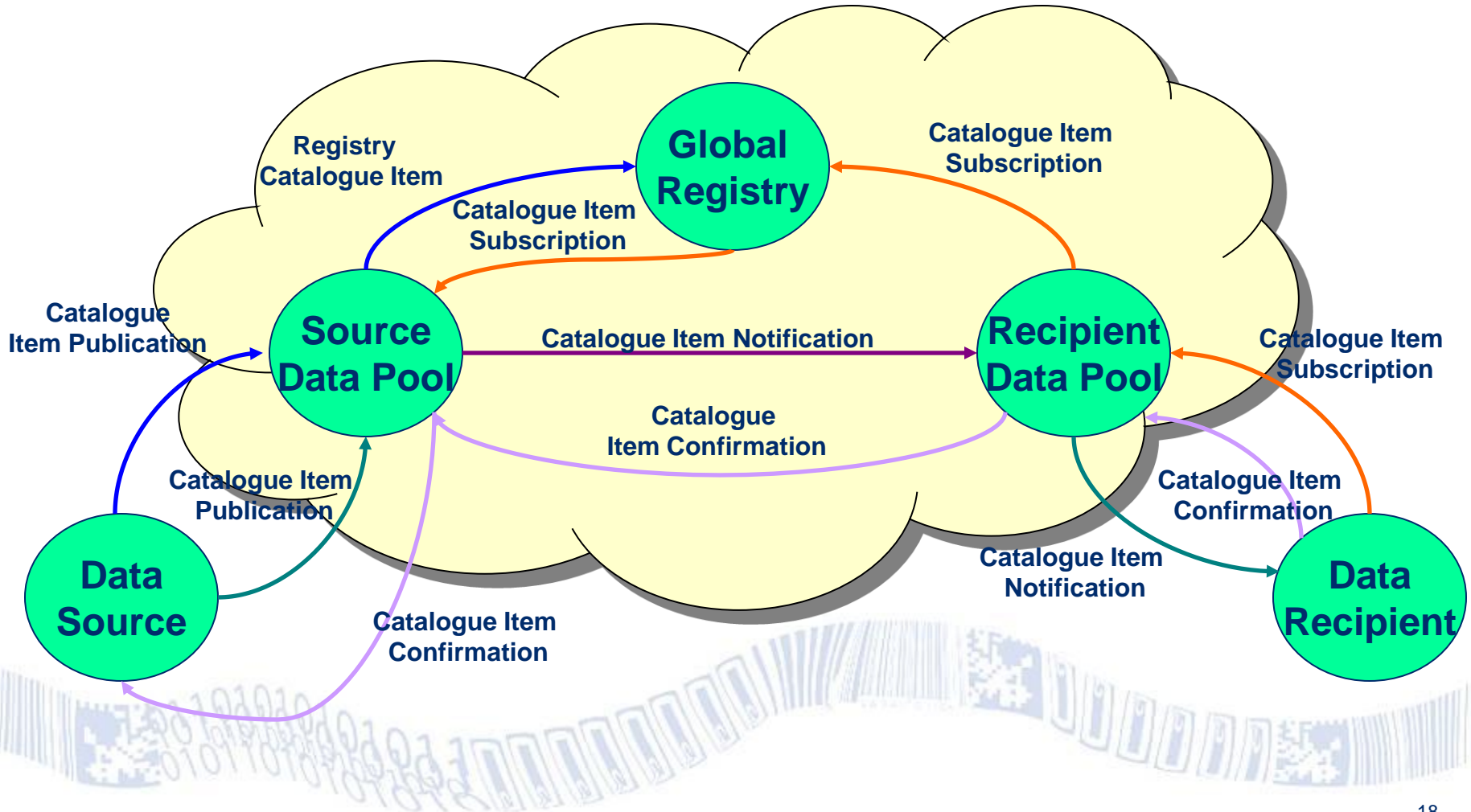
The continuous and automatic sharing of master data between trading parties

- **Vendors publish & maintain their catalogue data in GS1net**



- **Buyer access to a vendor catalogue is controlled by the vendor granting trading partner access to the buyer**
- **Buyers control the receipt of 'auto updates' & filter data**
- **Validator checks business rules and rejects out of spec**

The Basic GDSN Network





Australia

Contact Details

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