



# Overview of the GDSN Interoperability options & service inclusions / exclusions

# Background

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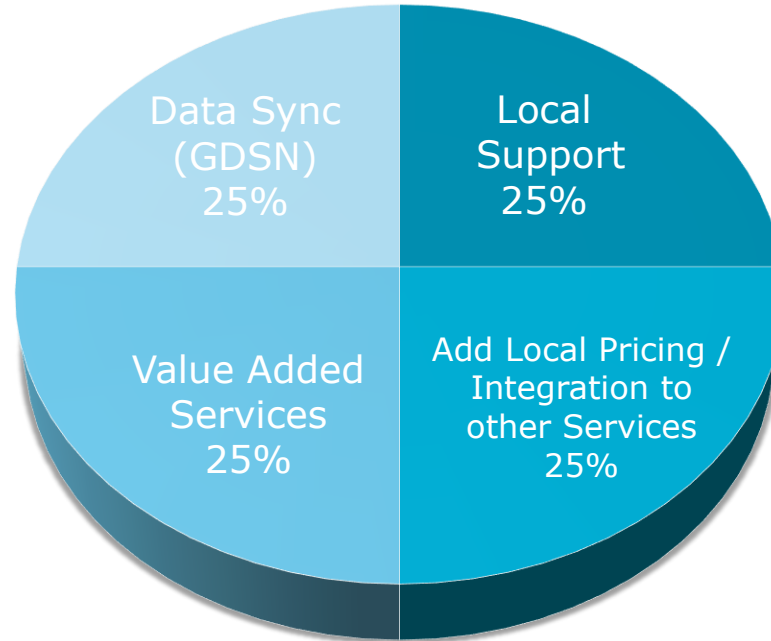
- National Product Catalogue is GS1 Australia & GS1 New Zealand's certified GDSN Data Pool
- National Product Catalogue as a solution incorporates the following service provisions
  - GDSN **Item** Data Synchronisation inc GDSN item validation (est 10% of all NPC validations)
  - GDSN **Price** Data Synchronisation inc GDSN Price validation (Minimal GDSN price validations exist)
  - Extended **Local Data Validations** (Price Duplication checking, industry channel, configurable to Supplier / Trading partner agreed req's)
  - Measurement Comparison / Data Quality checks (Compare physical Barcode Check samples to NPC and send error reports)
  - National Product Catalogue Ready™ pre-synchronisation data quality & completeness reviews
  - ATO GST Review Service (for Food and Beverage (Non Alcoholic) Items)
  - Integration of Item Master Data with GS1 SmartMedia services
  - Provision of Data Quality Insights reporting to Suppliers
- As a minimum GS1 Australia offers the GDSN "Pass through" model of data synchronisation that allows suppliers on other GDSN Data Pools to send their item and price data to Data Recipients on National Product Catalogue at no additional cost. (See option 1 in attached slides)
- In addition, a range of 3 other service scenarios are optionally available to suppliers based on either the supplier capabilities, their local support needs (above and beyond pure GDSN) as well the extended service options available to suppliers
- **The decision as to which option a supplier needs will be a combination of what solution they require, in addition to what needs their trading partners have in terms of a total service provision**

Core GDSN

Value Add

# National Product Catalogue - Service Fees Allocation

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# Supplier Scenarios

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- Suppliers using other GDSN data pools to synchronise with Australian/NZ Data Recipients have the following options available to meet their specific needs:
  - Option 1 – **“GDSN pass through model”** (No Storage of any data in National Product Catalogue)
    - **Assumes the supplier’s home data pool fully supports all National Product Catalogue Item and Pricing Requirements to** meet National Product Catalogue Data Recipient requirements
    - **GS1 Australia is not party** to any (data sync) relationship with supplier and **no local support is required or provided by GS1 Australia to the supplier or recipient on the supplier data**
    - **No provision of ATO GST approval service, No local NPC data validations / No NPC Catalogue Ready™ service or No Measurement comparison service**
    - **No ability** to repurpose data through to **GS1 SmartMedia, GS1 Recall or Data Quality Insights**
    - **Data Recipients (DRs) can view & download** the **“Pass through”** data in National Product Catalogue for suppliers on other GDSN Data Pools.

# Supplier Scenarios

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- Suppliers using other GDSN data pools to synchronise with Australian/NZ Data Recipients have the following options available to meet their specific needs:
  - Option 2 – **“GDSN Pass through model + Local GS1 AU support option, no data storage”**
    - Same as above option, except GS1 Australia’s Services Support team provide the Supplier with local support in helping understand the local Data Recipient requirements and resolving data issues between the supplier and Local Data Recipients. (Includes Track and Trace of files sent and clarifications re content requirements).
    - Does not include National Product Catalogue Ready™ service or any other local National Product Catalogue validations / data quality checks

# Supplier Scenarios

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- Option 3 – Additional National Product Catalogue Data Validation & onboarding Data Quality Checking (requires the re-hosting of item and price data)
  - All Item and Price Data provided from the Suppliers source GDSN Data Pool via a GDSN publication process to GS1 Australia’s data validation recipient
  - Data is then mapped and re-hosted on National Product Catalogue to allow provision of ATO GST Approval Service, **Data Validation Service** and Measurement Comparison service to all be provided
  - Data subjected to full suite of local National Product Catalogue Validator Data Quality checks (including Price Duplication logic)
  - Provision of “National Product Catalogue Ready™ Service” to suppliers to ensure initial onboarded data quality checks & completeness of data for Trading Partner’s requirements to start synchronisation process
  - Food & Beverage (Non Alcoholic) GST Tax rates subjected to ATO approval service
  - Data Comparison Service (Weights & Measures) provided to ensure accuracy of supplier data compared to physical samples submitted via GS1 Australia Barcode Testing

# Supplier Scenarios

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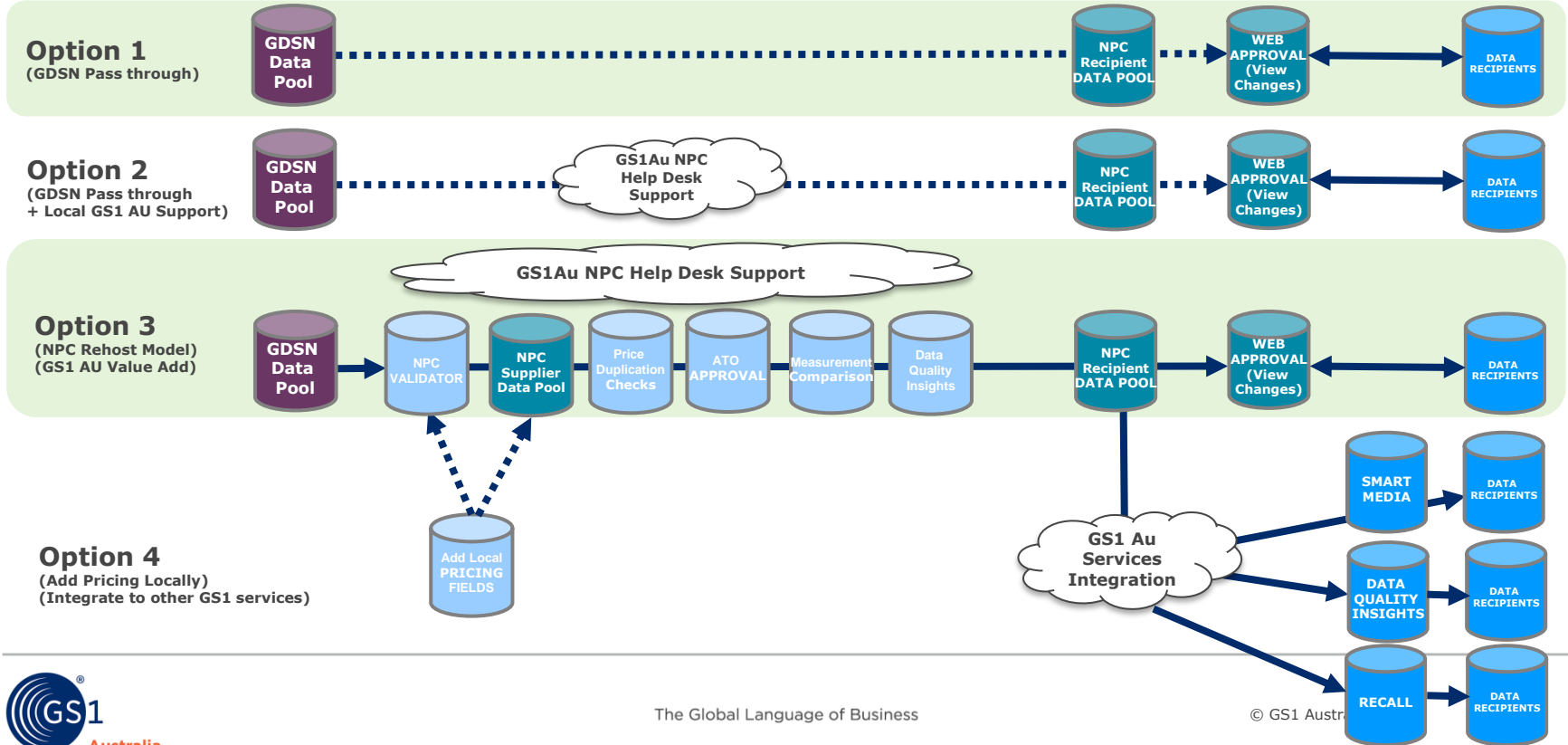
- Option 4 – Home GDSN Data Pool provides item data, supplier local adds GDSN Pricing Data (requires mapping and re-hosting of item data plus hosting of the pricing data)

## *Plus Integrations to additional GS1 Services*

- Same as above option, except only Item data added from home GDSN data pool, and all Pricing data added locally to National Product Catalogue directly by the supplier.
- Ability to integrate item master data through to GS1 SmartMedia & Recall services & GS1 Data Quality Insights Service (Monthly Data Quality Scorecards)
- *(This is the same scenario as the "25 % discount from National Product Catalogue fees" option that currently exists for current GDSN clients)*



# GDSN & GS1 AU SERVICE OPTION SCENARIOS



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Service Inclusion	% of National Product Catalogue Fees	Option 1	Option 2	Option 3	Option 4
GDSN Pass Through of Item / Price Data	NIL	<u>Yes</u>	<u>Yes</u>	<u>No</u>	<u>No</u>
Local Help Desk Support (with or without re-hosting of data)	25%	<u>No</u>	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>
Local Validation / DQ Services (All data mapped and re-hosted + National Product Catalogue Validator + ATO approval + Measurement Comparison services + National Product Catalogue Ready™)	25%	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>Yes</u>
Local Addition of Pricing Data  Integration of Item Master Data to GS1 SmartMedia & Recall services & Data Quality Insights tool	25%	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes</u>
Total Fees (as % of scheduled National Product Catalogue fees)  <i># - plus one off project support fees on T&amp;M basis to establish &amp; test local GDSN Re-host option</i>		NIL	25% (of t/o Cap)	50%# (of Calc / capped fee)	75%# (of Calc / capped fee)

# PROS & CONS OF EACH OPTION

PROs

## Option 1

GDSN Pass-through

Meets global GDSN suppliers desired outcomes assuming they can maintain their GDSN Pricing in Home Data Pool.

## Option 2

GDSN Pass-through + GS1 AU local support

Allows GS1 AU to support the Global supplier to meet local data content requirements

## Option 3

NPC Rehost Option + GS1 AU Value Add

Allows best of both worlds, leverages the GDSN data from their home data pool, plus allows supplier to engage locally for support and recipient required value added activities

## Option 4

Add pricing locally + Integrate to other GS1 Au Services

Same benefits of option 3, plus it allows local addition of pricing fields.

Allows for integration of the stored master data to other GS1 Services.

CONs

GS1 AU can't access supplier data, therefore no ability to Validate or Onboard or assist supplier to meet Recipient Requirements.

Recipient required Value adds are not possible due to "pass through" requirement of GDSN.

Same restrictions as option 1

One off small fee to map the GDSN files to allow rehost. (Minimal)

Very few GDSN suppliers have pricing in their home data pool (thus need option 4)

None known, covers all requirements of GDSN Suppliers + local Recipient requirements combined.