
Publish your GS1net Catalogue

Once you have confirmed your data has been uploaded in GS1net, the next step is to publish the Data to Data Recipients. No Data Recipient (trading partner) can view or access your data until you have published it specifically to that recipient, except to see the GTIN itself and its unpublished status.

The GS1 Services Support team will assist with the 'initial' publication as part of GS1net / NPC Ready process.

After being pronounced "GS1net Ready", any new items will need to be published to your trading partners. Existing items will also need to be published as new GS1net trading partners are engaged.

Three publication options are available:

- Manual publication via the Maintain Publications option within the GS1net Graphical User Interface (GUI).
- Automated publication using the Auto Publish to Retailers function. Setup and maintenance of the Auto Publish option is maintained within the Company Profile section within the GS1net GUI.
- Publication using GS1 XML messages.

Manual Publication

To publish data to a trading partner:

- Select 'Maintain Publications' from the GS1net GUI 'Main Menu'
- From within the 'Catalogue Publications -Retailer Search/ List' screen, search for and select the trading partner whom you intend to publish GTINs to
- Select 'Maintain Retailer Publications'
- Within the 'Retailer Publications - Item List' screen use the 'Item Search Filters' to display the GTINs required for publication
- Select the GTINs to be published
- Select either 'New Item' or 'Initial Load'
- Select either 'Add Publication(s)' or 'Add Publications for all items in the List'

Select 'Initial Load' when

- ***publishing to your trading partners for the first time, items that you are already in trade with your trading partner.***
- ***re-publishing items for which you previously revoked trading partner access and now wish to reinstate trading partner access***



Select 'New Item' when

- ***publishing to your trading partners for the first time, items that you are not currently in trade with your trading partner.***



You don't publish individual GTINs; rather you publish product hierarchies – see explanation below.

Publishable hierarchies exist at the level of the Order and Invoice Unit and at all higher levels. Typically, the Order and Invoice Unit is the CASE, the highest level in the hierarchy. It is common for there to be one publishable hierarchy per product SKU. The example below depicts this. The user will only be presented with GTIN 29355456005013, which represents the one publishable hierarchy: your trading partner will receive a 'payload' containing all three levels of the hierarchy - Case-Inner-Base.



For a single hierarchy, multiple GTINs will be displayed within the Retailer Publication list when the Order and Invoice Unit is at the lowest level of the hierarchy and/or more than one GTIN within the hierarchy is flagged as an Order and Invoice Unit.

If a supplier selects all GTINs within the hierarchy for publication, the data recipient will receive multiple 'payloads'. A 'payload' refers to the message sent to trading partners that contain new and updated item data. GS1net will always include the published item and all lower level items within a single 'payload' or message.

Example:

In the example above, if the supplier selected the BASE_UNIT_OR_EACH, PACK_OR_INNER_PACK and CASE for publication, the data recipient will receive the following 'payloads'.

Payload One: BASE_UNIT_OR_EACH

Payload Two: BASE_UNIT_OR_EACH and PACK_OR_INNER_PACK

Payload Three: BASE_UNIT_OR_EACH, PACK_OR_INNER_PACK and CASE

Most data recipients only want a single hierarchy to come through to them (highest level only). This is at times difficult, particularly when a supplier has many GTINs.

Whenever possible, **suppliers should publish at the highest level only.**



Suppliers publishing items to two or more target markets within the one catalogue (i.e. Australia – 036 and New Zealand – 554), should contact the GS1 Services Support team to discuss data loading and publication options.

Automation Publication

The Auto Publish function automates the publication of new items to trading partners. The key features of Auto Publish:

- suppliers must nominate trading partners for Auto Publication
- only new items are auto published – existing items that are un-published will not be auto published
- publication is always at the highest level of the hierarchy
- a price message for an un-published item will trigger the auto publication feature (assuming that the trading partner has previously been included within the Auto Publish list and the Publish with Price option is selected)
- auto publication does not apply when an item is re-set for publication after previously being published and then un-published to a trading partner
- Manual publication via the 'Maintain Publications' screens remain active for all trading partners, including trading partners listed within the Auto Publish list



As part of the GS1net/NPC Ready processes, the GS1 Services Support team will work with suppliers to ensure that initial publication is established for all active trading partners.

Auto Publication Setup

To include trading partners within the Auto Publish list:

- Select 'Maintain Company Profile' from the GS1net GUI 'Main Menu'.
- Select 'Add Auto Publish Retailer' icon to display the 'Automatic Publication - Retailer Search/List'

Services Required

* indicates a required field

* **GDSN Subscribed?:** No Yes

Date GDSN Subscribed: 2009-10-07 12:53:50

* **Item Registry Option** Manual Automatic

Add Auto Publish Retailer ...

- Select the trading partner for Auto Publication
- Select 'Publish with Price', select Submit

Services Required

* indicates a required field

* **GDSN Subscribed?:** No Yes

Date GDSN Subscribed: 2009-10-07 12:53:50

* **Item Registry Option** Manual Automatic

Auto Publish to Retailer Name	Publish with Price	Remove Auto Publish
Oz Shop	<input checked="" type="radio"/>	<input type="radio"/>
World's Best Supermarket	<input checked="" type="radio"/>	<input type="radio"/>

Add Auto Publish Retailer

GS1 XML – Publication Message

To determine whether GS1 XML publication messages are supported, suppliers using a GS1net Certified Product should contact their product provider.

For companies using In-House developed and supported GS1 XML messages, contact your GS1net Administrator or development team to determine the correct method for publishing items to your GS1net trading partners.