



Commport Global Synchronization User Manual Version 2.3.2

User Guide

Version 2.3.2

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1.0 WHAT IS CGS?

Commport Global Synchronization (CGS) Datapool services offers certified data synchronization services with the Global Data Synchronization Network (GDSN).

GDSN taps into the full potential of automating processes between retail organizations and manufacturers, a natural step in the progress of the supply chain and Commport's corresponding Services.

2.0 GETTING STARTED

Go to <http://www.cgsdatapool.com/> Welcome to the CGS Home Page. From here you can:

- Access Information **About** Commport Global Synchronization and Commport Communications International Inc.,
 - Check out other eCommerce **Solutions** provided by Commport Communications.
 - Access User **Login**.
 - Access **Documentation** on the GDSN, industry presentations, Contracts and other important areas.
 - See **Contact** information for Commport and CGS.
- Select the **login** button to log into your secured account with the user name and password provided to you by CGS Support in your Welcome email.

If you do not have a user name and password please contact cgssupport@commport.com or call us at 905-727-6782 ext 2212.

If you do not have a user account on the CGS Datapool website please contact Sales@commport.com or call our sales team at 905-727-6782 ext 2219.

3.0 SITE ORIENTATION

Once you have signed into your CGS account you will be at your **Welcome** page.

upload	manage	administration	reports	logout	documentation	contact us
Welcome Commport You have 59 new message(s) in your inbox <u>Summary/Overview:</u> Current GTIN Count: 37 High Water Mark: 37 # of Valid GTINs: 5 # of Synchs: 2 Last Logged-on: 2/11/2008 10:29:32 AM				News & Announcements features available in CGS Datapool! All users will now experience: <ul style="list-style-type: none"> • Functionality in Microsoft Internet Explorer 7.0 and Mozilla Firefox. • The ability to [+] <p>11/29/2007 10:00:00 AM Commport and BookNet Canada rollout BNCDatasync Project Commport Communications Intl, inc. is enthused by the success of our partnership with BookNet Canada and our shared initiative to bring the publishing industry into Global Data Synchronization. Through Commport's CGS Datapool Services, our certified [+]</p>		

On the right had side of the screen, News and Announcements are listed to view the full announcement click on the blue writing or the [+] symbol at the end of the article. This will take you to the full article.

On the left had side of the screen the system



will notify you if you have any new GDSN messages in your inbox. You can select the "Inbox" link which will direct you automatically to your in box. Also on the left had side of the screen a Summary/Overview list appears, this list will be different for data suppliers and data recipients.

Summary/Overview

Depending on your account type you may see any of the following in your Summary/Overview section on the welcome page:

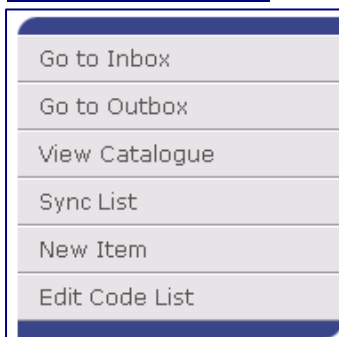
- **Current GTIN Count:** The amount of GTINs that are currently in your CGS catalogue.
- **High Water Mark:** The highest amount of GTINs that was recorded in your CGS Catalogue during the current billing cycle.
- **# of Valid GTINs:** The number of GTINs that have passed the GDSN validation rules in the CGS system, and that can be synchronized with your trading partners
- **# of Syncs:** The number of syncing relationships that your data is currently trading with using the GDSN.
- **GTINs Received:** The number of GTINs you have received in CIN messages in the current billing cycle.
- **# of Extractions:** The number of files that have been exported from CGS and delivered to you in the current billing cycle.
- **Last Logged-on:** The last date you logged onto CGS

Top Menu

No matter where you are within the site you will always see the Top Menu. At any time you can access any of the website sections by clicking on the appropriate button in the Top Menu.



Orientation Panel



On certain pages within the site you will see an 'Orientation Panel' on the left hand side of the screen.

This will appear differently in each section within the website and also depending on your user type. For example, data suppliers will have different options than data recipients.

You can access the functional pages by clicking on the appropriate button in the Orientation Panel. The image on here is a sample and may not represent all options you see.



4.0 UPLOADING CATALOGUE INFORMATION

home » upload

CGS allows you the ability to upload your catalogue directly into the CGS system, making it easier for you to connect with your vendors quickly and easily.

When you first load the **Upload** page you will be brought directly into your **Upload Manager** which will list the status of any recently uploaded files to the CGS site.

upload manager

Completed	Status	Items Imported	Items with Errors	Items not Imported
2/12/2007 11:57:32 ...	Successfully Imported	4	4	0
1/18/2007 11:55:47 ...	Successfully Imported	0	0	3
1/18/2007 11:53:25 ...	Successfully Imported	0	0	3
1/18/2007 11:50:31 ...	Successfully Imported	4	0	0

Records 1 to 4 of 4 Page 1 of 1

If you have recently uploaded a catalogue file and do not see it in the Upload Manager list than the file has not finished processing.

When it is complete you will receive an email notification to the email address provided in **My Info** in the **Administration** section.

If 24 hours have passed since you uploaded the catalogue file and it still does not appear on the upload manager list and you have not received an email notification detailing any errors please contact us at cgssupport@commport.com.

REFRESH UPLOAD STATUS

The "Refresh Upload Status" button allows for you to refresh the **Upload Manager** page to display an details from a recently uploaded files.



DOWNLOAD ERROR REPORT

The "Download Error Report" will generate an error report instantly after error has been listed in the Upload Manager. This report can be saved to your computer in the following formats:

- HTML with Office Web Component
- Excel
- Web Archive
- Acrobat (PDF) file
- TIFF File
- CSV (comma delimited)
- XML File with report data

The error report details what information errored and why the information has errored.

UPLOAD ITEM CATALOGUE

home » upload file

When you select the "Upload Item Catalogue" button it will bring you into the **Upload File** page.

upload file

To upload an item catalogue for registration and data synchronization please select a file type, then click **Browse** to select your file.

File Type:

File:

[Click here for File Type Templates and User Guides.](#)

Currently CGS has two standard upload formats that we accept through the CGS site:

1. GDSN XML Standard

The current GDSN XML standard schemas can be located on the GS1 Registry website <http://www.gdsregistry.org/2.1/schemas/ean.ucc/>, the current version is 2.1.

2. CGS Excel Upload v1.0

The current CGS Excel Upload template and User guide can be located either by using the "here" link on the **Upload File** page, which will take you to the **File Layouts** page where they are available for download. Or you can also navigate to these documents through the "Documentation" button in the top menu bar, and select **File Layouts**.

Please read over both the User Guide and the file layout. If you have any questions please feel free to contact us at cgssupport@commport.com.

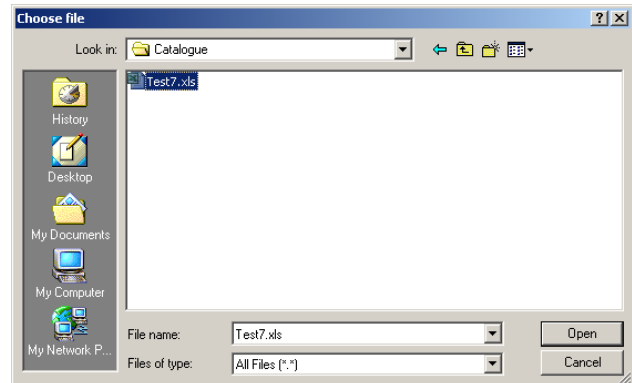




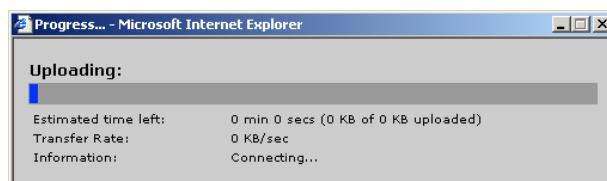
If you would like to use your own file layout please contact cgssupport@commport.com or sales@commport.com we will be happy to work with you in order to load your catalogue. Depending upon complexity and time restraints a fee may be associated.

4.1 UPLOAD A FILE

1. Select the type of file you will be loading using the File Type dropdown box.
2. Then using the "Browse" button, locate the completed file on your computer.
3. Select the file you wish to upload and select "Open". This will populate the File section on the Upload File page.
4. Once this has been populated select "Upload" to start the upload process.



The upload status bar will appear on your screen. When the status bar is completed and disappears your file is finished uploading to the CGS server and it is now safe to logout or disconnect from the internet. The speed of the uploading process is dependant on the speed of your internet access, the amount of traffic currently accessing the CGS Server and your internet provider as well as the size of your file. However, this does not mean the file has finished loading. The file must then be processed and the items loaded into your catalogue (during peak hours this process may take a few hours, please be patient).



Please allow for up to 2 hours for your file to load into the CGS environment, depending upon the size of the file, and if there are any errors present in the file.



4.2 IMPORT ERRORS

After your file is uploaded an Error report will be emailed to you detailing any issues in the file. Each error listed will have a type and details of the error. CGS Import Notification Error Types include the following list.

1. **File Format** = File is not named with the correct extension (`.xls`, `.xml`, etc) or the file is not the correct format for the *File Type* you selected.
2. **GDSN Standard Rule** = Item does not pass the GDSN Validation Rules. You will need to correct the fields in error and resubmit the item as a change.
3. **Processing Error** = This is an error in the import application, you may need to resubmit the file. If this error occurs again contact cgssupport@commport.com.
4. **Item Not Imported** = Could be several things, eg. trying to add a GTIN that already exists, or the item has no Action indicated.
5. **Required Field** = Missing a mandatory (or conditional) field. You will need to correct the fields in error and resubmit the item as a change.
6. **Data Format** = Text is too long for field, not numeric value in a numeric field, etc.

5.0 MANAGE ITEMS – SUPPLIERS ONLY

home » manage

The **Manage Items** section will allow you to view your inbound and outbound messages, item catalogue, sync list, item activity, add a new item, and edit code lists. The Manage Items page will also give you a 'snapshot' of your current activity.

home » manage

Message Center
View Catalogue
Sync List
View Activity
New Item
Edit Code List

manage items

Recipient	CIS Info	Matched	Published	Rejected
! Family Dollar Stores	UNITED STATES; 999999999;	2	0	0
! SV - GMHBC - Milton	UNITED STATES;	3	0	0
! SuperValu-GMHBC-Mechanicsville	UNITED STATES;	3	0	0
! SuperValu-GMHBC-Green Bay	UNITED STATES;	3	0	0
! SuperValu-SERF	UNITED STATES;	3	0	0
! SuperValu - Mechanicsville	UNITED STATES;	3	0	0
! SuperValu - St. Louis	UNITED STATES;	3	0	0
! SuperValu-Easton	UNITED STATES;	3	0	0
! SuperValu - GMHBC - Lancaster	UNITED STATES;	3	0	0
! SuperValu - Lancaster	UNITED STATES;	3	0	0

Full details on View Activity can be found in section 5.4.



5.1 GO TO MESSAGE CENTER

home » manage » message center

To navigate to this page select "Message Center" from the Orientation Panel. This will bring you to both your inbound and outbound messages from your trading partners.

Inbound Messages will be listed in the table, giving you the general information:

- **From (GLN)** = The Global Location Number of the message sender
- **From (Name)** = The Name of the Company Associated with the GLN
- **Message Type** = Can be one of 5 types of messages:
 1. Catalogue Item Subscription (CIS)
 2. Catalogue Item Notification (CIN)
 3. Catalogue Item Confirmation (CIC)
 4. Catalogue Item Publication (CIP)
 5. GDSN Response Messages = Act as an acknowledgment that the data pool has received the message you have sent out
- **Command** = Indicates the function of the message. The types include:
 1. ADD
 2. DELETE
 3. CORRECT
 4. CHANGE_BY_REFRESH the receiving application is instructed to update the existing document or documents, by total replacement.

To view a message in more detail select the message you wish to see and double click on it. By clicking on an Inbound Catalogue Item Subscription message, it will bring you to the Publish Items page where you can publish your items that were requested by the Trading Partner to establish a sync.

home » manage » message center

message center

Trading Partner:

Message Type:

GTIN:

Date Range Start:

Date Range End:

Inbound

<input type="checkbox"/>	From (GLN)	From (Name)	Type	Command	Received
<input checked="" type="checkbox"/>	0041130066757	SuperValu-GM/HBC-Tac...	Catalogue Item Subscri...	ADD	6/3/2008 3:41:12 PM
<input type="checkbox"/>	0041130066719	SuperValu-GM/HBC-Indi...	Catalogue Item Subscri...	ADD	6/3/2008 3:41:12 PM
<input type="checkbox"/>	0041130066764	SuperValu-GM/HBC-Spo...	Catalogue Item Subscri...	ADD	6/3/2008 3:41:12 PM
<input type="checkbox"/>	0041130029448	SuperValu - Mechanicsv...	Catalogue Item Subscri...	ADD	6/3/2008 3:41:12 PM
<input type="checkbox"/>	0041130066122	SuperValu-GM/HBC-Bis...	Catalogue Item Subscri...	ADD	6/3/2008 3:41:12 PM

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Outbound

<input type="checkbox"/>	To	Type	Command	Status	Sent
<input checked="" type="checkbox"/>	Global Registry	Registry Catalogue Item	Add	Response Received	10/23/2008 11:15:53 ...
<input type="checkbox"/>	Global Registry	Registry Catalogue Item	Add	Response Received	10/23/2008 11:15:53 ...
<input type="checkbox"/>	Retail Market Services	Catalogue Item Notific...	Change	Response Received	10/22/2008 1:16:12 PM
<input type="checkbox"/>	CORAL CHEMICAL CO...	Catalogue Item Notific...	Change	Waiting for Response	10/22/2008 1:16:11 PM
<input type="checkbox"/>	Global Registry	Registry Catalogue Item	Add	Response Received	9/24/2008 4:23:08 PM

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Outbound Messages will be listed in the table, giving you the general information:

- **To** = The name of the trading partner you sent the message to
- **Type** = Message Type, can be one of 5 types of messages:
 1. Catalogue Item Subscription (CIS)
 2. Catalogue Item Notification (CIN)
 3. Catalogue Item Confirmation (CIC)
 4. Catalogue Item Publication (CIP)GDSN Response Messages = Act as an acknowledgment that the datapool has received the message you have sent out
- **Command** = Indicates the function of the message. The types include:
 1. ADD
 2. DELETE
 3. CORRECT
 4. CHANGE_BY_REFRESH = the receiving application is instructed to update the existing document or documents, by total replacement
- **Status** = Indicates the status of the message, there are several Status that may appear:
 1. Compiling Message = Message is being compiled for delivery
 2. Error Compiling Message = Error in compiling message, message was not sent, please contact CGSSupport@commport.com for assistance
 3. Queued for Delivery = Message has been successfully compiled and is waiting to be delivered to the Recipient Data Pool
 4. Delivery Error = Message errored in delivery process, please contact CGSSupport.com for assistance
 5. Missing Delivery Receipt = Recipient Data Pool has not sent an AS-2 MDN acknowledgment for the message, if 12 hours have passed without Receipt please contact CGS Support
 6. Waiting for Response = Waiting for AS-2 MDN Acknowledgment from Recipient Data Pool
 7. Response Received or Exception Response Received = AS-2 MDN Acknowledgment has been received from the Recipient Data Pool
- **Sent** = The date on which the message was sent or an attempt to send was made.

When clicking on an Outbound message, you will be brought to the Sent Message Details page where you can view the full details of the message

ARCHIVING MESSAGES

To archive messages so they no longer appear in your Message Center, select the message(s) you are wishing to archive by checking the box(es) and clicking "Archive Selected". This will move your message into the Archive Section.

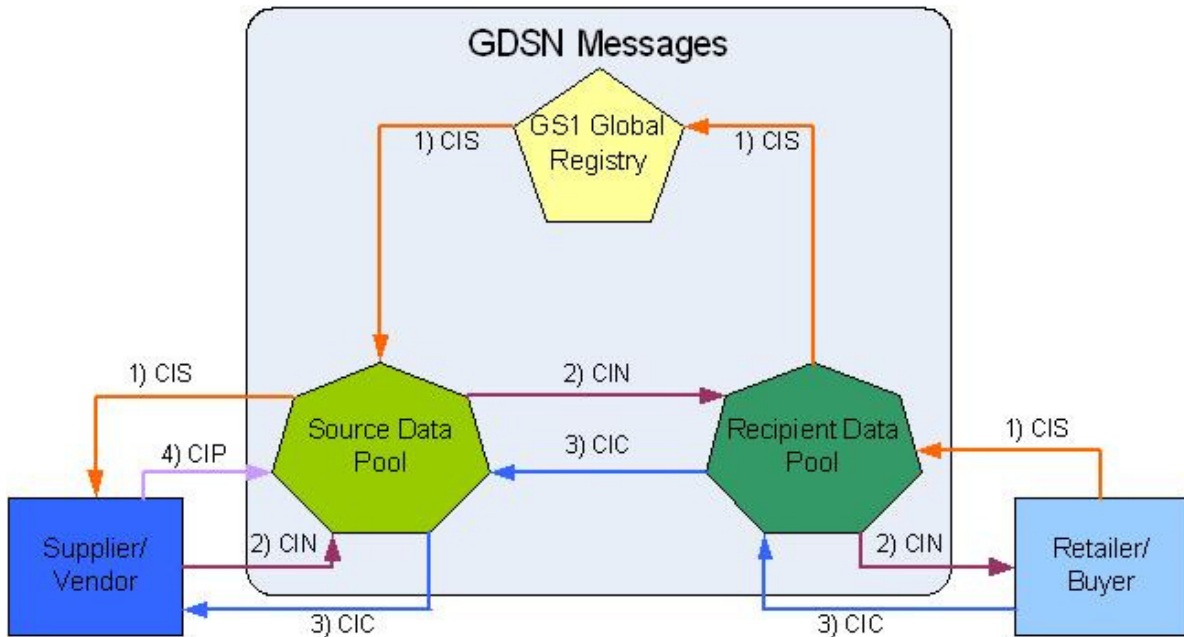
To permanently delete a message or view messages that you have archived select the "Go to Archive" button at the bottom of either the Inbound message section or the Outbound message section. This will bring you to the **Inbox Archive** page or **Sent Messages Archive** page.

To permanently delete a message select the desired Message and select "Delete Selected" button, this will delete the message for the CGS system. Deleted messages can be restored by special request.



To restore a message back to your Inbox, selected the message and then "Restore Selected" button.

GDSN MESSAGES



CATALOGUE ITEM SUBSCRIPTION (CIS)

The Catalogue Item Subscription is a business message used to establish a request for trade item information. The subscription information criteria can be any combination of the Global Trade Item Number (GTIN), Global Location Number (GLN), Target Market (TM) and Global Product Classification (GPC).

The CIS message is sent from the Retailer/Buyer to their Data Pool; the data pool then forwards to the GS1 Global Registry who broadcasts the request to all Data Pools on the GDSN that have at least one item that matches the subscription criteria on their system.

publish items

Sender: Redtail Solutions Test	GTIN:
Type: Catalogue Item Subscription	GPC:
Received: 3/18/2009 10:48:01 AM	Target Market: CANADA
	GLN:



When you double-click on a CIS message the **Publish** Items screen will be displayed. By default the 'Item Filter' will be set to 'All Items' and all Registered items that match the subscription details will be displayed.

Unpublished Items = Will filter the list of GTINs/Items to list only items on the CIS that have not been synced (published)

Published Items = Will filter the list of GTINs/Items to list only the items on the CIS that have been synced (published)

All Items = If you select "All Items" this will display GTINs/Items on the CIS whether published or unpublished

The screenshot shows a search interface for the 'Publish Items' screen. It includes the following fields and options:

- Item Filter:** A dropdown menu currently set to 'All Items'.
- GTIN:** A text input field.
- Additional ID:** A text input field.
- Find Related Items:** A checkbox that is currently unchecked.
- Target Market:** A dropdown menu.
- Unit:** A dropdown menu.
- Description:** A text input field.
- GPC:** A dropdown menu with a '...' button next to it.
- Group ID Code:** A text input field.
- Date Range:** A section with two radio buttons: 'Item Creation Date' (selected) and 'Initial Published Date'.
- Start:** A date selection field with a dropdown arrow and a red 'X' icon.
- End:** A date selection field with a dropdown arrow and a red 'X' icon.
- Search:** A button located at the bottom right of the form.

You can further filter the items using the 'Item Filter' and other details including GTIN, Additional ID, Target Market, Unit, Description, GPC, Group ID Code and Date Ranges. The Date Range can be either the Item Creation Date, the date the item was created in the Catalogue, or the Initial Published Date, the date the item was first published against this subscription. If you use a Date Range you must provide both a Start and End date for the range.

To PUBLISH AN ITEM

To publish or sync an item or items with a particular trading partner, bring up the CIS message so that you are displaying the **Publish Items** screen.

Select the particular GTIN or GTINs you wish to publish by checking the check boxes at the left hand side of the item display table. Once you have selected your GTINs go to the bottom of the page and select the "isReload" status at the bottom of the display screen, if the wrong isReload has been selected the Trading Partner could reject the CIN message.

isReload = This indicator must be set for every set of items that you choose to publish. Indicates the state of the Catalogue Item within the Request for Notification Process. The state is either:

1. FALSE = Indicates a new item being introduced to the supply chain
2. TRUE = Indicates an item currently traded but new to the GDSN, used for initial load.



Once the GTINs and the isReload status have been completed, select the "Publish Selected" button, this will automatically generate Catalogue Item Notification (CIN) messages for the items selected and send to your trading partner.

You can filter

To END A SYNC

To end synced relationships please see **section 5.3** for details.

CATALOGUE ITEM NOTIFICATION (CIN)

The Catalogue Item Notification is a business message sent from the Vendor/Supplier to the Retailer/Buyer. This message is used to transmit new or updated trade item information.

A CIN is optional in response to a CIS, and can be sent by the Vendor/Supplier without having received a CIS, or it can be triggered by a CIP.

confirm items

CIC State	GTIN	Unit	Category Code	Description	Target Market
#	50071641380221	DISPLAY_SHIPPER	Temporary GPC C...	PPW #972 NASC...	CANADA
#	50071641382560	CASE	Temporary GPC C...	SHARPIE FINE 4+...	CANADA
#	50071641301622	CASE	Temporary GPC C...	SHARPIE FINE BL...	CANADA
#	50041540570214	CASE	Temporary GPC C...	ERASER MATE,C3...	CANADA

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Confirm Items

CATALOGUE ITEM PUBLICATION (CIP)

The Catalogue Item Publication is a business message sent from a Vendor/Supplier to their Data Pool to publish or update an item within the Global Data Synchronization Network.

The CIP triggers the creation and distribution of CIN(s) for items that are synced. To register newly published items please see **Section 5.2 View Items** and view **Register Items**.



CATALOGUE ITEM CONFIRMATION (CIC)

The Catalogue Item Confirmation is a business message sent from a Retailer/Buyer to a Vendor/Supplier in response to a received CIN message. It indicates what action has been taken by the Data recipient on the item.

This is an optional message, when used it provides information on the status of the product. There are four possible responses

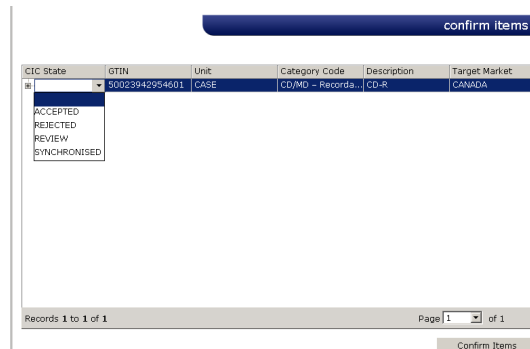
- 1.) **Synchronized:** Trade Item data is integrated, in sync and added to the synchronization list. Any changes or updates to the Trade Item will be automatically provided to the Recipient Data Pool and the Retailer/Buyer.
- 2.) **Accepted:** Trade Item data is added to the synchronization list and is in the process of being integrated.
- 3.) **Rejected:** Trade Item data will no longer be synchronized or updates will no longer be provided.
- 4.) **Review:** A request that you review your Trade Item data because the recipient has received inconsistent data, which cannot be synchronized. If the Trade Item was previously synchronized, it will be removed from the synchronization list.

CIC State	GTIN	Unit	Category Code	Description	Target Market
⊕	50071641380221	DISPLAY_SHIPPER	Temporary GPC C...	PPW #972 NASC...	CANADA
⊕	50071641382560	CASE	Temporary GPC C...	SHARPIE FINE 4-...	CANADA
⊕	50071641301622	CASE	Temporary GPC C...	SHARPIE FINE BL...	CANADA
⊕	50041540570214	CASE	Temporary GPC C...	ERASER MATE,C3...	CANADA

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Confirm Items

To create the CIC message you can double click on the CIN message in your inbox to bring up the above **Confirm Item** page. This is optional you do not need to confirm any items, but if you would like to, click on the CIC Status column in order to bring up a drop box, and then select your desired message type.



Once the CIC Status has been entered select the “Confirm Items” button to release the message to your Supplier/Vendor.

REGISTRY CATALOGUE ITEM (RCI)

The Registry Catalogue Item (RCI) message is a business message used to register a trade item with the Global Registry within the GDS Network. An item must be registered with the Global Registry in order to create any business messages, including all listed above.

The mandatory information required to create a RCI Message:

1. Global Trade Item Number (GTIN)
2. Global Product Category (GPC)
3. Target Market
4. Global Location Number (GLN)
5. Registry Catalogue Item Status, which will automatically be set to “IN_PROCESS”

To create a Registry Catalogue Item (RCI), please see **section 5.2 under Register Item(s)**.

When a change has been made to any of the above fields or to the Cancellation or Discontinued Date fields an automatic RCI message is sent to the Global Registry with a Registry Catalogue Item Status of either Change or Correct, depending upon the situation.

CATALOGUE ITEM REGISTRATION RESPONSE

The Catalogue Item Registration Response message is a business message used to notify the status of the registration in the Global Registry for trade item within the GDS Network.

Response will either be Accept or Reject.

5.2 VIEW CATALOGUE

home » manage » view catalogue

To navigate to this section please select “View Catalogue” from the Orientation panel, the **View Catalogue** page allows you to view the GTINs/Items currently in your CGS Catalogue.



You can search for products to do a variety of functions: Edit, Validate, Register and Sync.

home > manage > view catalogue

view catalogue

GTIN: Additional ID: Find Related Items
 GPC:
 Target Market:
 Description:
 Group ID Code:
 State:

Search

<input type="checkbox"/>	GTIN	Status	Short Description	Unit
<input checked="" type="checkbox"/>	00629054000776	Registered - Unsyncable	PAD WELDING 12INX141...	SETPACK
<input type="checkbox"/>	00629054000790	Registered - Unsyncable	PAD WELDING 12INX241...	SETPACK
<input type="checkbox"/>	00629054000448	Registered - Unsyncable	PAD WELDING 12INX241...	SETPACK
<input type="checkbox"/>	00629054000462	Registered - Unsyncable	PAD WELDING 12INX241...	SETPACK
<input type="checkbox"/>	00062905000622	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000646	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000660	Registered - Syncable		SETPACK
<input type="checkbox"/>	00062905000684	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000707	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000721	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00629054000387	Registered - Unsyncable	GROM 200Z CTD BLANK...	SETPACK
<input type="checkbox"/>	00629054000400	Registered - Unsyncable	BLANKET 5FTX6FT C/W ...	SETPACK
<input type="checkbox"/>	00629054000325	Registered - Unsyncable	BLANKET 5FTX5FT C/W ...	SETPACK
<input type="checkbox"/>	00629054000349	Registered - Unsyncable	BLANKET FIRE 32OZ CO...	SETPACK
<input type="checkbox"/>	00629054000226	Registered - Unsyncable	BLANKET FIRE 24OZ UN...	PALLET

4468 record(s) found. Page 1 of 298

Export Type: Acklands Excel v2.2

The search function allows you to use descriptors to narrow down your search. These descriptors include: *GTIN*, *Global Product Classification (GPC)*, *Target Market* and *Description*, *Group ID Code* and *State*. There is, however, no minimum number of descriptors to enable a search. When you are satisfied with your descriptors, click the "Search" button below. By leaving the descriptors blank and clicking "Search", you will be returned ALL GTINs/Items.

You can also use the "Find Related Items" button on the top right hand side of the screen. Enter in a GTIN number and check the box and the search will return all GTINs/Items that are parent or children items of the GTIN you have entered.

<input type="checkbox"/>	GTIN	Status	Short Description	Unit
<input checked="" type="checkbox"/>	00629054000776	Registered - Unsyncable	PAD WELDING 12INX141...	SETPACK
<input type="checkbox"/>	00629054000790	Registered - Unsyncable	PAD WELDING 12INX141...	SETPACK
<input type="checkbox"/>	00629054000448	Registered - Unsyncable	PAD WELDING 12INX241...	SETPACK
<input type="checkbox"/>	00629054000462	Registered - Unsyncable	PAD WELDING 12INX241...	SETPACK
<input type="checkbox"/>	00062905000622	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000646	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000660	Registered - Syncable		SETPACK
<input type="checkbox"/>	00062905000684	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000707	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000721	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00629054000387	Registered - Unsyncable	GROM 200Z CTD BLANK...	SETPACK
<input type="checkbox"/>	00629054000400	Registered - Unsyncable	BLANKET 5FTX6FT C/W ...	SETPACK
<input type="checkbox"/>	00629054000325	Registered - Unsyncable	BLANKET 5FTX5FT C/W ...	SETPACK
<input type="checkbox"/>	00629054000349	Registered - Unsyncable	BLANKET FIRE 32OZ CO...	SETPACK
<input type="checkbox"/>	00629054000226	Registered - Unsyncable	BLANKET FIRE 24OZ UN...	PALLET

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Export Type: Acklands Excel v2.2

An example of the **Find Related Item** search would be *GTIN Number: 20628515945377* which is the Case, and if you select the expand button you will see the whole pack hierarchy information.



<input type="checkbox"/>	GTIN	Unit	Category Code	Description	Target Market	State
<input type="checkbox"/>	00114561156165	CASE	Temporary GPC...	dba Short Desc 1	CANADA	Registered - Un...
<input type="checkbox"/>	00003616000082	CASE	Baby Play Pens...	asdfa	CANADA	Unregistered - ...
<input type="checkbox"/>	55555555555548	CASE	Drinks Flavoure...	Another Thing	MEXICO	Unregistered - ...
<input type="checkbox"/>	40628515704183	CASE	Drinks Flavoure...	Cola	UNITED STATES	Unregistered - ...
<input type="checkbox"/>	01100001002160	CASE	Picture Frames	Pictureframe	CANADA	Registered - Sy...
<input type="checkbox"/>	01100001002177	CASE	Picture Frames	Pictureframe	CANADA	Unregistered - ...
<input checked="" type="checkbox"/>	20628515945377	CASE	Drinks Flavoure...	Beverage1	TUVALU	Unregistered - ...
GTIN		Quantity	Unit	Description		
00628515812347		1	BASE_UNIT_OR_EACH	Beverage		
<input type="checkbox"/>	GTIN	Unit	Category Code	Description	Target Market	State
<input type="checkbox"/>	00628515753367	BASE_UNIT_OR...		functional desc	CANADA	Unregistered - I...
<input type="checkbox"/>	00628515812347	BASE_UNIT_OR...	Drinks Flavoure...	Beverage	UNITED STATES	Unregistered - ...
<input type="checkbox"/>	99999999999997	BASE_UNIT_OR...	Temporary GPC...	dba Short Desc 1	CANADA	In Progress - S...

The search results will be provided in the table on the bottom half of the screen.

As you can see from the above example some GTINs have expand buttons beside them. If you click on the expand button you can see the GTIN's child GTIN/Items listed below.

The fields available on the View Catalogue page can be edited by the Account Administrator to include or remove fields based on the users needs. (See 7.0 Administration, Pg. 39)

<input type="checkbox"/>	GTIN	Status	Short Description	Unit
<input type="checkbox"/>	00629054000776	Registered - Unsyncable	PAD WELDING 12INX14I...	SETPACK
<input type="checkbox"/>	00629054000790	Registered - Unsyncable	PAD WELDING 12INX14I...	SETPACK
<input type="checkbox"/>	00629054000783	5	BASE_UNIT_OR_EACH	HOTWORKS PAD/PILLOW...
<input type="checkbox"/>	00629054000448	Registered - Unsyncable	PAD WELDING 12INX24I...	SETPACK
<input type="checkbox"/>	00629054000431	5	BASE_UNIT_OR_EACH	HOTWORKS PAD/PILLOW...
<input checked="" type="checkbox"/>	00629054000462	Registered - Unsyncable	PAD WELDING 12INX24I...	SETPACK
<input type="checkbox"/>	00062905000622	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000646	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000660	Registered - Syncable		SETPACK
<input type="checkbox"/>	00062905000684	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000707	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000721	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK

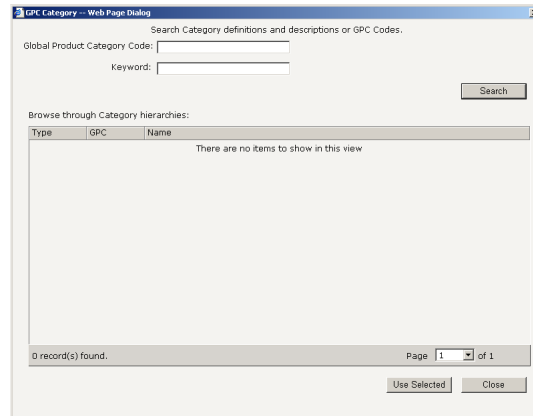
4468 record(s) found. Page 1 of 298

Export Type: Acklands Excel v2.2

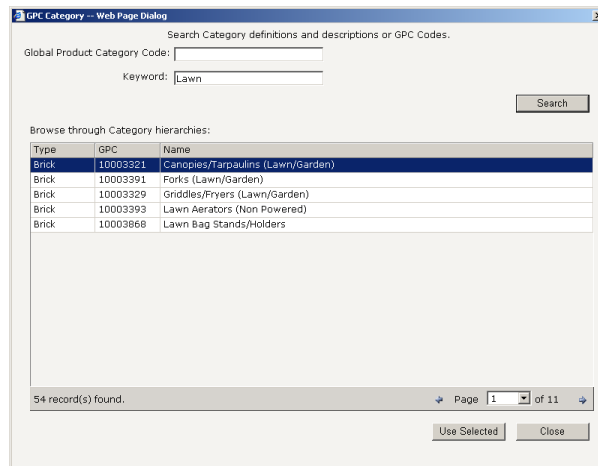


USING THE PRODUCT CATEGORY (GPC) FINDER

The GPC Finder is a tool which enables you to limit your search for your products.



Possible descriptors to narrow down your search are *Product Category Code* and *Keyword*. There is, however, no minimum number of descriptors to enable a search.



When you are satisfied with your descriptors, click the "Search" button below. By leaving the descriptors blank and clicking "Search", you will be returned ALL category hierarchies.

When you have activated the GPC Finder, browse through the results shown in the *Browse through Category Hierarchies* grid. Select the category which you are interested in and click the "Use Selected" button.



EXPORTING ITEM(S)

home » manage » view catalogue » export

You can export items previously entered in your catalogue in different formats. You can then share this information with non-GDSN trading partners, with other departments in your company or you can use the information in your catalogue to update your internal systems. You can also export items that you need to update directly from the system so that you do not have to worry about finding a previous template used to upload your items or undoing changes that have been made on-line.

To export items select the item(s) that you wish to export with the check box beside the GTIN(s), choose the template you want populated from the Export Type drop down box and click 'Export'. The number of items you have included in your export will be displayed in a message below. When the export is ready you will be sent an email with a link to the file.

[view catalogue](#)

GTIN: Additional ID: Find Related Items

GPC:

Target Market:

Description:

Group ID Code:

State:

<input type="checkbox"/>	GTIN	Status	Short Description	Unit
<input type="checkbox"/>	00629054000776	Registered - Unsyncable	PAD WELDING 12INX141...	SETPACK
<input type="checkbox"/>	00629054000790	Registered - Unsyncable	PAD WELDING 12INX141...	SETPACK
<input type="checkbox"/>	00629054000448	Registered - Unsyncable	PAD WELDING 12INX241...	SETPACK
<input checked="" type="checkbox"/>	00629054000462	Registered - Unsyncable	PAD WELDING 12INX241...	SETPACK
<input type="checkbox"/>	00062905000622	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input checked="" type="checkbox"/>	00062905000646	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000660	Registered - Syncable	BLANKET PIPE WELD CO...	SETPACK
<input checked="" type="checkbox"/>	00062905000684	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000707	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00062905000721	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK
<input type="checkbox"/>	00629054000387	Registered - Unsyncable	GROM 20OZ CTD BLANK...	SETPACK
<input type="checkbox"/>	00629054000400	Registered - Unsyncable	BLANKET 5FTX6FT C/W ...	SETPACK
<input type="checkbox"/>	00629054000325	Registered - Unsyncable	BLANKET 5FTX5FT C/W ...	SETPACK
<input type="checkbox"/>	00629054000349	Registered - Unsyncable	BLANKET FIRE 32OZ CO...	SETPACK
<input type="checkbox"/>	00629054000226	Registered - Unsyncable	BLANKET FIRE 24OZ UN...	PALLET

4468 record(s) found. Page 1 of 298

Export Type:



To download your export click the link in the email and then save the file on your system.

VALIDATING ITEM(S)

home » manage » view catalogue » validation report

In order for your GTINs to be registered they must first pass validation. To be considered as Valid the GTIN must have all the necessary mandatory and conditional fields filled out correctly. Validation is an automatic process CGS launches when you add or edit a GTIN.



There are 5 Validation States:

1. UNREGISTERD – Invalid

- The Item is not registered with the Global Registry and cannot be registered as it is missing the four mandatory elements required for registration.
- Four Mandatory Elements are: GTIN, Global Product Category (GPC), Target Market, and Vendor Global Location Number (GLN)

2. UNREGISTERD – Unsyncable

- The Item is not registered with the Global Registry, and can be registered, but is unable to be synchronized with a Trading Partner as it is missing the mandatory elements necessary for a Catalogue Item Notification (CIN) message to be sent.
- Mandatory Elements are:
 - GTIN
 - Unit Descriptor
 - Global Product Category (GPC)
 - Brand Name
 - Base Unit
 - Consumer Unit
 - Despatch Unit
 - Consumer Unit
 - Invoice Unit
 - Orderable Unit
 - Variable Unit
 - Functional Name
 - Trade Item Description
 - Returnable
 - Depth
 - Width
 - Height
 - Gross Weight - If Orderable Unit
 - Net Weight & Net Content - If Consumer Unit

3. UNREGISTERD – Syncable

- The item is not currently registered with the GS1 Registry, but is a valid item which can be registered and can be synchronized with a trading partner.

4. REGISTERED – Unsyncable

- The item is registered with the GS1 Registry, but is missing the mandatory elements required for Synchronization with a trading partner as it is missing the mandatory elements required for the Catalogue Item Notification (CIN) message (see above).

5. REGISTERED – Syncable

- The item is registered with the GS1 Registry, and has all the mandatory elements required for synchronization with a trading partner. It may or may not be currently synced.

To view the validation status or results please select either: the "Edit Item" button on the **View Catalogue** page which will bring you to the **Edit Item** screens, please see **Section 11** for more details; OR select the "Validation Report" button from the **View Catalogue** page to create a printable report on the status of your item. The Validation report will



detail any missing mandatory elements, which will assist you in correctly updating your GTIN for registration.

Also see section 11.0 for "In-Line Validations".

REGISTER ITEM(S)

home » manage » view catalogue » register items

When your GTIN/item has passed validation you can then register it with the Global Registry. To do this, select the check box beside the GTIN(s) and select "Register Item(s)" from the bottom of the **View Catalogue** page.

This will send the message instantly to the Global Registry. You will see a message in red at the bottom of the screen notifying you when the message has been sent, or you can check in your outbox for more detailed information.

Once you have registered your GTIN/item with the Global Registry it will be viewable by the GDSN network, so any Trading Partner can request a publication/synchronization to that item.

<input type="checkbox"/>	GTIN	Unit	Category Code	Description	Target Market	State
<input checked="" type="checkbox"/>	00629054000387	SETPACK	Safety Nets/Cur...	PROTECTIVE C...	CANADA	Registered - Un...
<input type="checkbox"/>	00629054000400	SETPACK	Safety Nets/Cur...	PROTECTIVE C...	CANADA	Registered - Un...
<input type="checkbox"/>	00629054000325	SETPACK	Safety Nets/Cur...	PROTECTIVE C...	CANADA	Registered - Un...
<input type="checkbox"/>	00062905000721	SETPACK	Temporary GPC...	HOTWORKS PIP...	CANADA	Registered - Un...
<input type="checkbox"/>	00062905000660	SETPACK	Temporary GPC...	Cooling Blanket	CANADA	Registered - Sy...
<input type="checkbox"/>	00062905000684	SETPACK	Temporary GPC...	HOTWORKS PIP...	CANADA	Registered - Un...
<input type="checkbox"/>	00062905000707	SETPACK	Temporary GPC...	HOTWORKS PIP...	CANADA	Registered - Un...
<input type="checkbox"/>	00629054000462	SETPACK	Temporary GPC...	HOTWORKS PA...	CANADA	Registered - Un...
<input type="checkbox"/>	00062905000622	SETPACK	Temporary GPC...	HOTWORKS PIP...	CANADA	Registered - Un...
<input type="checkbox"/>	00062905000646	SETPACK	Temporary GPC...	HOTWORKS PIP...	CANADA	Registered - Un...
<input type="checkbox"/>	00629054000776	SETPACK	Temporary GPC...	HOTWORKS PA...	CANADA	Registered - Un...
<input type="checkbox"/>	00629054000790	SETPACK	Temporary GPC...	HOTWORKS PA...	CANADA	Registered - Un...
<input type="checkbox"/>	00629054000448	SETPACK	Temporary GPC...	HOTWORKS PA...	CANADA	Registered - Un...
<input type="checkbox"/>	00629054000349	SETPACK	Safety Nets/Cur...	PROTECTIVE C...	CANADA	Registered - Un...
<input type="checkbox"/>	00629054000226	PALLET	Safety Nets/Cur...	PROTECTIVE C...	CANADA	Registered - Un...

4468 record(s) found. Page 1 of 298

Export Type: Acklands Excel v2.2 [Export] [Validation Report] [Register Item(s)] [Edit Item]

In order for your items to get published to a trading partner, or for a trading partner to request publication from you, you must first register your GTINs with the Global Registry.

EDIT ITEM(S)

To view or edit an Item either select the Item record and select the "Edit Item" button or double click on the Item record. This will bring you into the **Edit Item** screens, please see **section 11** for more detailed information.

Please note you cannot edit more than one Item at a time.



5.3 SYNC LIST

home » manage » view sync list

To navigate to this page select the “Sync List” button from the Orientation Panel, this will bring you to the **View Sync List** page.

The Sync List provides you with a list of GTIN/items and trading partners that you are currently synchronized with.

home » manage » view sync list

view sync list

Recipient: GTIN:

Status: Target Market:

Date Range: Start: End:

Created Last Change

Recipient	Status	GTIN	Target Market	Created	LastChange
Retail Market Ser...		99999999999997	CANADA	3/27/2007 10:46...	3/27/2007 10:46...
CORAL CHEMICA...	REJECTED	00773341600115	CANADA	6/14/2006 10:54...	6/14/2006 10:54...

2 record(s) found. Page 1 of 1

The fields that are available for view are:

- Recipient = Your Trading Partner
- Status = lets you know the status of the Publication/syncing relationship
 - Options are: Accepted, Rejected, Synced or Review
- GTIN = The number of the GTIN that is in the synced relationship
- Target Market = The target Market for the product/GTIN
- Created = Date the syncing relationship was created.
- Last Change = Date the last CIC was received.

You can end synchronization by selecting the undesired product or trading partner and clicking the **'End Sync'** button. This will remove the product or trading partner from your list.

NOTE: Please be aware if you change or edit a GTIN that is currently in a syncing relationship you may have to end the sync relationship first, due to the GDSN change rules, please see section 10.1 for more details.



5.4 VIEW ACTIVITY

[home](#) » [manage](#) » activity

The activity page will allow you to view all of your CIS (Catalogue Item Subscription) messages and the status of the message. Please see section 5.1 for information about CIS messages.

The recipient indicates the message sender who will also be the recipient of your item data if you decided to establish a sync on the items that have been requested. The details of what items were matched with the CIS will be under CIS Info. There are 4 possibilities: GLN, GTIN, GPC, and Target Market. The number under the Matched column will indicate how many items you have registered with the Global Registry that match the subscription. The next 5 columns are the status of the subscription:

Pub – Published
Sy – Synchronized
Rj – Rejected
Rv – Review
Ac – Accepted

[home](#) » [manage](#) » activity

activity

Filter:

Recipient	CIS Info	Matched	Pub	Sy	Rj	Rv	Ac	Hide							
! Family Dollar Stores	UNITED STATES: 99999999	2	0	0	0	0	0	[X]							
! SV - GM/HBC - Milton	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu-GM/HBC-Mechanicsville	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu-GM/HBC-Green Bay	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu-SERF	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu - Mechanicsville	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu - St. Louis	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu-Easton	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu - GM/HBC - Lancaster	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu - Lancaster	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu - Phoenix	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu-Milton	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu - Pleasant Prairie	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu-GM/HBC-Bismarck	UNITED STATES:	3	0	0	0	0	0	[X]							
! SuperValu - Anniston	UNITED STATES:	3	0	0	0	0	0	[X]							
Page 1			1	2	3	4	5	6	7	8	9	10	11	12	13

You can also hide the messages by selecting the X in the Hide column. To review the hidden messages at anytime, you can change the filter at the top of the screen from Active to Hidden.

You can enter directly into the Publish Items page by clicking on a message under the Recipient, CIS Info, Matched, or Pub columns. For more information on publishing items, please see section 5.1. Clicking on the message under the Sy, Rj, Rv, or Ac columns will take you directly to the Sync List. Information on the Sync List can be found in section 5.3.



5.5 NEW ITEM

home » manage » new item

There are two ways of getting information into the CGS Database:

1. Uploading/On-Boarding

Please see Uploading Catalogue section 4.0 for details.

2. Manual Item Entry

Manual Item Entry can be used for both entering a new GTIN into your catalogue and Editing an existing GTIN in your catalogue.

To manually enter products into your catalogue select the "New Item" from the Orientation panel, which will bring you into the **New Item** page where you can manually enter a new GTIN.

Simply enter your 14 GTIN number and select the "Continue" button, which will bring you into the **Edit Item** screens to enter more detailed information. If the GTIN you entered is not in the correct format or is not the correct 14-digit length an error message will appear. If the GTIN does not have a valid check digit, the error message will include the correct number and you should replace the last digit with the correct number and click "Continue". Please see **Edit Item Section 11** for more information.

new item

How do I calculate a GTIN?

GTIN:

For help on GTIN allocation, creating new items, etc.
please review the Documentation



5.6 EDIT CODE LIST

home » manage » edit code list

There are several Code lists in the **Edit Item** screens that are recommended by the GDSN community. However these are not mandatory.

Therefore you can add values using the Edit Code List functions, these values will be automatically available for you to use in the CGS Environment, however in order to get them added to the GDSN specifications Comport take your suggestions to the GDSN Business Requirement Group in order to be voted upon and approved.

When adding a value to a code list you should ensure your trading partners have agreed to use that value.

ADDING A VALUE USING EDIT CODE LIST SCREEN

Select the "Edit Code List" button from the Orientation Panel on the **Manage** Page, this will bring you to the **Edit Code List Request** page.

edit code list request

List Type	Value	Name
Tax Type Code	GST	
Pallet Type Code	test1	
Tax Type Code	55666556565	
Tax Agency Code	Meagans Tax	
Additional Classification Agency Name	newage	newage agency
Additional Classification Agency Name	blahblah	blah vlah blah
Organic Trade Item Code	50%	50% Organic
Organic Claim Agency	organic cla	fsdfsdf
Color Code Agency	CCC	Comport Colors
Size Code List Agency	BIG	Big Sizes
Size Code List Agency	BIG	bs
Size Code List Agency	BIG	bs
Size Code List Agency	big	bs
Size Code List Agency	NGG	bs
Pallet Type Code	AAA	Tripe A

Records 1 to 15 of 27 Page 1 of 2

List: Tax Type Code

Value: (14 Max) GST

Name:

Reason:



From the List drop down box select the Code List you would like to add a value for the Editable Code lists:

- Additional Classification Agency Name
- Color Code Agency
- Organic Claim Agency
- Organic Trade Item Code
- Packaging Material – Agency
- Packaging Material – Terms & Conditions
- Packaging Material Code
- Packaging Type Code
- Pallet Terms & Conditions
- Pallet Type Code
- Size Code List Agency
- Tax Agency Code
- Tax Type Code
- Unit of Measure

All of these lists are indicated in the **Edit Item** section 11 with an astrix beside their name, and will have a web link at the bottom of the Edit Item page.

Enter the your item value into the Value section, making sure to stay with in the limited characters, also the Name of the Agency/Code list that the value comes from, for example if you wanted to add a SAC (Allowance and Charge) value taken from EDI X12 standards:

List:	<input type="text" value="Tax Type Code"/>
Value: (14 Max)	<input type="text" value="D360"/>
Name:	<input type="text" value="X12"/>
Reason:	<input type="text" value="No Tax codes provided"/>

The reason code is extremely important as to get a code or value approved we must support the request to the Business Requirements Group in the GDSN community.

Once you have completed all the mandatory information you can:

- **Save** = Save the Value, which will allow you to use the code immediately, but your request for inclusion to the GDSN will not be submitted
- **Send Request** = Will send your requested values to Commport in order to present to the GDSN and make the value available for use. A CGS Support representative may call you if they have any questions.
- **New** = Enter a new value/code
- **Delete** = Delete a value or code you have entered



ADDING A VALUE USING THE EDIT CODE LIST ON THE EDIT ITEM SCREENS

When you are in the **Edit Item** screens at the editable lists are marked with an astrich beside the list name.

The screenshot shows a web form with several sections. At the top, there are dropdown menus for 'Price by Measure Type' and 'Variable Type'. Below these are four questions with dropdown answers: 'Is there a promotional offer on the packaging?' (No), 'Is there a batch number on the packaging?' (No), 'Is the packaging marked recyclable?' (Yes), and 'Is a non-sold item returnable?' (Yes). A dashed box labeled 'Additional Classification' contains a table with columns 'Category Code', 'Agency Name', and 'Description'. The table is currently empty with the text 'No data to display'. Below the table are input fields for '*Agency Name' (with an asterisk), 'Description', and 'Category Code'. There are 'Save', 'New', and 'Delete' buttons. At the bottom left, there is an 'Edit Code List' button. A note below it says '* Indicates that the Code List is Editable'. At the bottom right, there are '<< Prev', 'Save', and 'Next >>' buttons. Two black arrows point from the left towards the 'Additional Classification' section and the 'Edit Code List' button.

To edit a list, select your desired list from the drop down box, if you selected the "Edit Code List" button from the Edit Item screens, it will default to the list on the screen you currently are on.

The screenshot shows a dialog box titled 'Edit Code Lists -- Web Page Dialog'. It contains a table with two columns: 'List Type' and 'Name'. The table lists several code types: 'Tax Type Code', 'Pallet Type Code', 'Tax Type Code', 'Tax Agency Code', 'Additional Classification Agenc...' (with name 'newage agency'), and 'Additional Classification Agenc...' (with name 'blah vlah blah'). Below the table is a dropdown menu for 'List:' with 'Additional Classification Agency Name' selected. There are input fields for 'Value: (35 Max)' and 'Name:'. At the bottom, there are buttons for 'Request Update', 'New', 'Delete', and 'Close'.

Enter your value and the name of the Code/List/Agency you are adding, you will eventually need to back to the Edit List the reasoning behind the code list addition.



List Type	Name
Tax Type Code	
Pallet Type Code	
Tax Type Code	
Tax Agency Code	
Additional Classification Agenc...	newage agency
Additional Classification Agenc...	blah vlah blah

List: Additional Classification Agency Name
Value: (35 Max) 123456
Name: Test Classification Agency

Request Update New Delete Close

Once you have entered this information select the "Request Update" button at the bottom of the page.

Request Update = Sends your request to Comport in order to take your requests to the GDSN for approval, and will make the value available for use.

Delete = Deletes your entry from your local CGS environment.

6.0 MANAGE ITEMS – RETAILERS ONLY

home » manage

The **Manage Items** section will allow you to view your inbound and outbound messages, create subscriptions, view subscriptions, create RFCIN's, and view your sync list. The Manage Items page will also give you a 'snapshot' of your recent subscriptions.

home » manage

manage items

Recipient	CIS Info	Matched	Published	Rejected
No data to display				

Full subscription details can be viewed by clicking the View Subscriptions tab in the orientation panel. Please see View Subscriptions in this section.



6.1 MESSAGE CENTER

home » manage » message center

To navigate to this page select "Message Center" from the Orientation Panel. This will bring you to both your inbound and outbound messages from your trading partners

home » manage » message center

message center

Trading Partner:

Message Type:

GTIN:

Date Range Start:

Date Range End:

Inbound

<input type="checkbox"/>	From (GLN)	From (Name)	Type	Command	Received
There are no items to show in this view					

Records 1 to 1 of 1 Page 1 of 0

Outbound

<input type="checkbox"/>	To	Type	Command	Status	Sent
<input checked="" type="checkbox"/>	Global Registry	Catalogue Item Subsc...	Add	Exception Response R...	1/30/2008 9:12:00 AM
<input type="checkbox"/>	Global Registry	Catalogue Item Subsc...	Add	Missing Delivery Receipt	1/29/2008 10:22:31 AM
<input type="checkbox"/>	Global Registry	Catalogue Item Subsc...	Add	Exception Response R...	1/29/2008 9:50:25 AM
<input type="checkbox"/>	Global Registry	Catalogue Item Subsc...	Add	Queued for Delivery	9/14/2006 3:33:16 PM
<input type="checkbox"/>	Global Registry	Catalogue Item Subsc...	Add	Queued for Delivery	9/7/2006 1:56:18 PM

Records 1 to 5 of 8 Page 1 of 2

To view the message in more detail select the message you wish to see and double click on it. Clicking on an Inbound Message will bring you to the Confirm Items page. You can select a state under the CIC State column and send a CIC for the selected item. For more information on CIC's, see section 6.1. Clicking on an outbound message will bring you to the Sent Message Details page.

ARCHIVING MESSAGES

To archive messages so they no longer appear in your Inbox, select the message(s) you are wishing to archive by checking the box(es) and clicking "Archive Selected". This will move your message into the Archive Section.

To permanently delete a message or view messages that you have archived select the "Go to Archive" button at the bottom of the page. This will bring you to the **Inbox Archive** page.



inbox archive

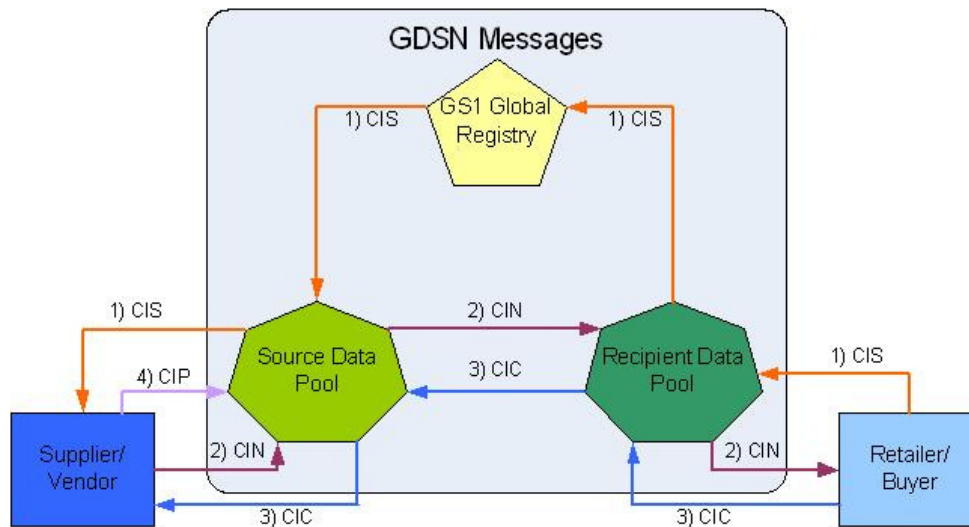
From (GLN)	From (Name)	Type	Command	Received
1100001002184	Comport Reseller	Catalogue Item Subscri...	ADD	3/14/2007 11:16:26 AM

Records 1 to 1 of 1 Page 1 of 1

To permanently delete a message select the desired Message and select "Delete Selected" button, this will delete the message for the CGS system. Deleted messages can be restored by special request.

To restore a message back to your Inbox, selected the message and then "Restore Selected" button.

GDSN MESSAGES



CATALOGUE ITEM SUBSCRIPTION (CIS)

See **Create Subscription** section for more details



CATALOGUE ITEM NOTIFICATION (CIN)

The Catalogue Item Notification is a business message sent from the Vendor/Supplier to the Retailer/Buyer. This message is used to transmit new or updated trade item information.

A CIN is optional in response to a CIS, and can be sent by the Vendor/Supplier without having received a CIS, or it can be triggered by a CIP.

CIC State	GTIN	Unit	Category Code	Description	Target Market
#	50071641380221	DISPLAY_SHIPPER	Temporary GPC C...	PPW #972 NASC...	CANADA
#	50071641382560	CASE	Temporary GPC C...	SHARPIE FINE 4...	CANADA
#	50071641301622	CASE	Temporary GPC C...	SHARPIE FINE BL...	CANADA
#	50041540570214	CASE	Temporary GPC C...	ERASER MATE,C3...	CANADA

Records 1 to 4 of 4 Page 1 of 1

Confirm Items

CATALOGUE ITEM PUBLICATION (CIP)

The Catalogue Item Publication is a business message sent from a Vendor/Supplier to their Data Pool to publish or update an item within the Global Data Synchronization Network.

The CIP triggers the creation and distribution of CIN(s) for items that are synced.

CATALOGUE ITEM CONFIRMATION (CIC)

The Catalogue Item Confirmation is a business message sent from a Retailer/Buyer to a Vendor/Supplier in response to a received CIN message. It indicates what action has been taken by the Data recipient on the item.

This is an optional message. When used it provides information on the status of the product. There are four possible responses:

- 1. Synchronized:** Trade Item data is integrated, in sync and added to the synchronization list. Any changes or updates to the Trade Item will be automatically provided to the Recipient Data Pool and the Retailer/Buyer.
- 2. Accepted:** Trade Item data is added to the synchronization list and is in the process of being integrated.
- 3. Rejected:** Trade Item data will no longer be synchronized or updates will no longer be provided.



- 4. **Review:** A request that you review your Trade Item data because the recipient has received inconsistent data, which cannot be synchronized. If the Trade Item was previously synchronized, it will be removed from the synchronization list.

CIC State	GTIN	Unit	Category Code	Description	Target Market
*	50071641380221	DISPLAY_SHIPPER	Temporary GPC C...	PPW #972 NASC...	CANADA
*	50071641382560	CASE	Temporary GPC C...	SHARPIE FINE 4...	CANADA
*	50071641301622	CASE	Temporary GPC C...	SHARPIE FINE BL...	CANADA
*	50041540570214	CASE	Temporary GPC C...	ERASER MATE,C3...	CANADA

Records 1 to 4 of 4 Page 1 of 1 Confirm Items

To create the CIC message you can double click on the CIN message in your inbox to bring up the above **Confirm Item** page. This is optional, you do not need to confirm any items, but if you would like to, click on the CIC Status column in order to bring up a drop box, and then select your desired message type.

CIC State	GTIN	Unit	Category Code	Description	Target Market
is	50023942954601	CASE	CD/MD - Record...	CD-R	CANADA

Records 1 to 1 of 1 Page 1 of 1 Confirm Items

Once the CIC Status has been entered select the "Confirm Items" button to release the message to your Supplier/Vendor.

From the **Confirm Items** page you can also double click on the GTIN to pull up the trade item details. This will bring you into the **Edit Item Screens section 11.0**, though you cannot make any changes to the item this is the area you can go to view the product information that was sent in the CIN message.



6.2 CREATE SUBSCRIPTIONS

home » manage » subscriptions

To navigate to this page select "Create Subscriptions" from the Orientation Panel.

Create Subscriptions allows for a Retailer to create a Catalogue Item Subscription (CIS), a business message used to establish a request for trade item information. The subscription information criteria can be any combination of the Global Trade Item Number (GTIN), Global Location Number (GLN), Target Market (TM) and Global Product Classification (GPC).

The CIS message is sent from the Retailer/Buyer to their Data Pool; the data pool then forwards to the GS1 Global Registry who broadcasts the request to all Data Pools on the GDSN that have at least one item that matches the subscription criteria on their system.

subscriptions

GTIN:

GPC:

Trading Partner GLN:

Target Market:

A CIS message must have at least two of the above sections filled out. When you have completed filling in the required fields select the "Submit" button to send your message out to the GDSN Network. The GDSN Network will then send this message to all data pools that have at least one item that matches your subscription criteria. A manufacturer or supplier is not mandated to acknowledge the CIS message, they can however transmit a CIC message in response, transmit their CIN message, or take no further action on your CIS message.

USING THE PRODUCT CATEGORY (GPC) FINDER

The GPC Finder is a tool which enables you to limit your search for your products.

GPC Category - Web Page Dialog

Search Category definitions and descriptions or GPC Codes.

Global Product Category Code:

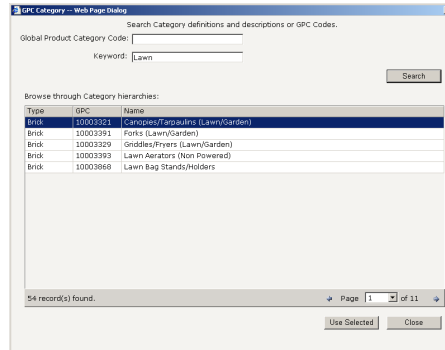
Keyword:

Browse through Category Hierarchies:

Type	GPC	Name
There are no items to show in this view		

0 record(s) found. Page 1 of 1

Possible descriptors to narrow down your search are *Product Category Code* and *Keyword*. There is, however, no minimum number of descriptors to enable a search.



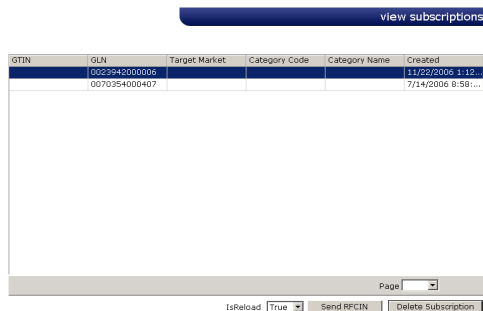
When you are satisfied with your descriptors, click the "Search" button below. By leaving the descriptors blank and clicking "Search", you will be returned ALL category hierarchies.

When you have activated the GPC Finder, browse through the results shown in the *Browse through Category Hierarchies* grid. Select the category which you are interested in and click the "Use Selected" button.

6.3 VIEW SUBSCRIPTIONS

home » manage » view subscriptions

To navigate to this section, select "View Subscriptions" from the orientation panel.



View Subscriptions will display all the current subscriptions that you have established. From this screen you can either:

SEND RFCIN

The Request for Catalogue Item Notification (RFCIN) message allows a Retailer (recipient) to request data from a Manufacturer/Supplier (source) after synchronization has taken place, as well as to allow the retailer to undo a CIC REJECTED message.

If your RFCIN message errors you will receive an email notification.

DELETE SUBSCRIPTION

This section allows you to delete your syncing relationship on particular trade item/GTIN. Simply select the GTIN so the line appears highlighted in blue and select the "Delete



Subscription” button. Once this has been completed you will no longer receive any updates on the GTIN.

6.4 CREATE RFCIN

home » manage » rfcins

To navigate to this section, select “Create RFCIN” from the Orientation Panel, this will bring you into the **Request for Catalogue Item Notification** page.

This is where you can manually create a RFCIN message, apposed to the automatic function from the **Send RFCIN** from the previous section.

request for catalogue item notification

GTIN: in

GPC:

Trading Partner GLN:

Target Market:

IsReload:

The RFCIN criteria can be any combination of the Global Trade Item Number (GTIN), Global Location Number (GLN), Target Market (TM) and Global Product Classification (GPC), there is a minimum of 2 criteria (one must be the Trading Partner GLN). You can find this GLN number in your **View Subscriptions**.

isReload = This indicator must be set for every set of items that you choose to subscribe to. Indicates the state of the Catalogue Item within the Request for Notification Process. The state is either:

1. FALSE = Indicates a new item being introduced to the supply chain
2. TRUE = Indicates an item currently traded but new to the GDSN, used for initial load.

6.5 SYNC LIST

home » manage » view sync list

To navigate to this page select the “Sync List” button from the Orientation Panel, this will bring you to the **View Sync List** page.

The Sync List provides you with a list of GTIN/items and trading partners that you are currently synchronized with.



[view sync list](#)

Recipient	Status	GTIN	Target Market	Created
Recall/Market Services		00000000000000	CANADA	6/27/2006 10:54:14 ...
EDS Retailer Test	REJECTED	00003616000082	CANADA	6/14/2006 10:54:16 ...
EDS Retailer Test	REJECTED	00773341600115	CANADA	6/14/2006 10:54:16 ...

3 record(s) found. Page 1 of 1

[End Sync](#)

The fields that are available for view are:

Recipient = Your Trading Partner

Status = lets you know the status of the Publication/syncing relationship

Options are: Accepted, Rejected, Synced or Review

GTIN = The number of the GTIN that is in the synced relationship

Target Market = The target Market for the product/GTIN

Created = Date the syncing relationship was created.

You can end synchronization by selecting the undesired product or trading partner and clicking the **'End Sync'** button. This will remove the product or trading partner from your list.

6.6 Go To OUTBOX

home » manage » sent messages

To navigate to the outbox select "Go to Outbox" for the Orientation Panel. This will bring you into your **Sent Messages**, which will detail the messages you have sent out to your Trading Partners.

Messages will be listed in the table, giving you the general information:

- **To** = The name of the trading partner you sent the message to
- **Type** = Message Type, can be one of 5 types of messages:
 1. Catalogue Item Subscription (CIS)
 2. Catalogue Item Notification (CIN)
 3. Catalogue Item Confirmation (CIC)
 4. Catalogue Item Publication (CIP)
 5. GDSN Response Messages = Act as an acknowledgment that the datapool has received the message you have sent out
- **Command** = Indicates the function of the message. The types include:
 1. ADD
 2. DELETE
 3. CORRECT
 4. CHANGE_BY_REFRESH = the receiving application is instructed to update the existing document or documents, by total replacement
- **Status** = Indicates the status of the message, there are several Status that may appear:



1. **Compiling Message** = Message is being compiled for delivery
 2. **Error Compiling Message** = Error in compiling message, message was not sent, please contact CGSSupport@commport.com for assistance
 3. **Queued for Delivery** = Message has been successfully compiled and is waiting to be delivered to the Recipient Data Pool
 4. **Delivery Error** = Message errored in delivery process, please contact CGSSupport@commport.com for assistance
 5. **Missing Delivery Receipt** = Recipient Data Pool has not sent an AS-2 MDN acknowledgment for the message, if 12 hours have passed without Receipt please contact CGS Support
 6. **Waiting for Response** = Waiting for AS-2 MDN Acknowledgment from Recipient Data Pool
 8. **Response Received or Exception Response Received** = AS-2 MDN Acknowledgment has been received from the Recipient Data Pool
- **Sent** = The date on which the message was sent or an attempt to send was made.

sent messages					
<input type="checkbox"/>	To	Type	Command	Status	Sent
<input checked="" type="checkbox"/>	Retailer Test	Catalogue Item Notific...	Correct	Compiling Message	6/29/2007 2:34:54 PM
<input type="checkbox"/>	Retailer Test	Catalogue Item Notific...	Correct	Compiling Message	6/29/2007 2:28:28 PM
<input type="checkbox"/>	Retailer Test	Catalogue Item Notific...	Correct	Compiling Message	6/29/2007 2:27:44 PM
<input type="checkbox"/>	Global Registry	Registry Catalogue Item	Add	Waiting for Response	3/20/2007 10:19:08 AM
<input type="checkbox"/>	Global Registry	Catalogue Item Subsc...	Add	Response Received	3/20/2007 10:13:02 AM
<input type="checkbox"/>	Global Registry	Catalogue Item Subsc...	Add	Response Received	3/20/2007 10:04:49 AM
<input type="checkbox"/>	Retailer Test	Catalogue Item Notific...	Correct	Queued for Delivery	2/27/2007 11:32:04 AM
<input type="checkbox"/>	Retailer Test	Catalogue Item Notific...	Correct	Error Compiling Messa...	2/27/2007 11:19:39 AM
<input type="checkbox"/>	Retailer Test	Catalogue Item Notific...	Correct	Queued for Delivery	2/22/2007 3:59:12 PM
<input type="checkbox"/>	Global Registry	Registry Catalogue Item	Change	Missing Delivery Receipt	2/22/2007 11:28:03 AM
<input type="checkbox"/>	Global Registry	Registry Catalogue Item	Correct	Waiting for Response	2/22/2007 11:23:09 AM
<input type="checkbox"/>	Global Registry	Registry Catalogue Item	Correct	Queued for Delivery	2/22/2007 11:21:52 AM
<input type="checkbox"/>	Global Registry	Registry Catalogue Item	Change	Delivery Error	2/22/2007 11:20:50 AM
<input type="checkbox"/>	Global Registry	Registry Catalogue Item	Change	Missing Delivery Receipt	2/22/2007 11:15:45 AM
<input type="checkbox"/>	Global Registry	Registry Catalogue Item	Change	Exception Response R...	2/22/2007 11:11:19 AM

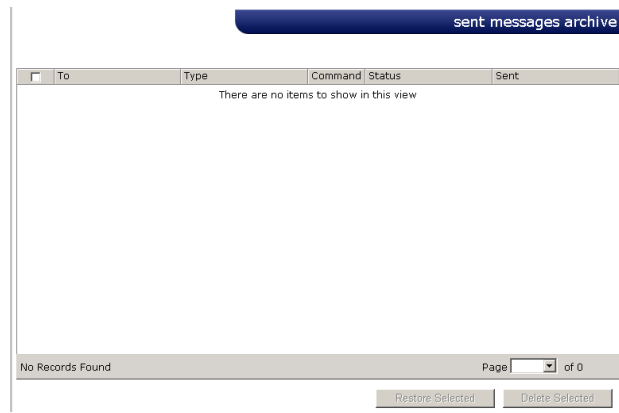
Records 1 to 15 of 15 Page 1 of 1



ARCHIVING MESSAGES

To archive a sent message, select the desired check box and then select the "Archive Selected" button. This will save your message into the archive section.

To view your archive select the "Go To Archive" button, this will bring you into your **Sent Messages Archive** page, from here you can either delete the message permanently from your sent box by selecting the item and "Deleted Selected" or restore the message by selecting "Restore Selected".



7.0 ADMINISTRATION

Administration section enables an Account Administrator to customize field names and options, create new user accounts, or edit contact information.

Normal User access will be limited to **My Info**, where they can edit their contact or log-in information.

Please note there should only be one Account Administrator per company.





When you enter into the **Administration** section it will take you to the Administration main page, where (if you are the Account Administration) you will have three choices:

1. View Catalogue Fields

The View Catalogue Fields page allows the Account Administrator to customize field names and remove unused options to simplify users' Item viewing and maintenance.

view catalogue fields

<p>Available Items:</p> <ul style="list-style-type: none"> Unit Short Description Target Market Reseller # <p>Custom Label: <input type="text"/></p>	<p>Selected Items:</p> <ul style="list-style-type: none"> GTIN (GTIN) Supplier # State Trade Item Description Brand Name Category Code Description <p style="text-align: center;"> <input type="button" value=">"/> <input type="button" value="Up"/> <input type="button" value="<"/> <input type="button" value="Down"/> </p> <p>Custom Label: <input type="text"/> <input type="button" value="Set"/></p>
--	--

Note: * If no fields are selected the default fields will be shown.

Field names listed in the Available Items field have not been selected by the Account Administrator for the users viewing. Field names in the Selected Items field are the chosen fields that users will see on the View Catalogue screen. If no fields are selected, the website will list default Fields which are GTIN, Unit, Category Code, Description, Target Market, and State. Field names can also be changed by selecting the name and typing the new name in the Custom Label field and selecting the "Set" button to the right.

2. Users

The **User** page will allow you to add new users and edit existing users in your CGS account. The Table lists the users that are currently setup for your company.

users

Username	FirstName	LastName	Phone	Email	Created
DaveS	Dave	Stephenson	613-748-7066	dave@apptastic...	2/28/2007 11:0...
test	Commport	Supplier	905-727-6782 x...	supplier@comm...	2/3/2006 4:29...
test1	test	It			5/30/2006 9:36...

User Name:

First Name:

Last Name:

Phone No:

Email:

Password:



NEW USER

To add a new user fill in the information in the bottom box, please note mandatory fields appear in red. While the Email address is not a mandatory field, we highly advise entering one for every user so that email notifications regarding account activity are delivered to the correct user.

User Name:

First Name:

Last Name:

Phone No:

Email:

Password:

Once you have filled in the information correctly please select "Save" to save the contact. If it saves correctly you will see a message at the bottom of the screen saying "User Saved!" and the new contact appearing in the User Grid.

Username	FirstName	LastName	Phone	Email	Created
DaveS	Dave	Stephenson	613-748-7066	dave@apptastic...	3/26/2007 11:0...
Shaunna	shaunna	moore	905-727-6782x...	shaunnam@com...	3/29/2007 10:1...
test	Commport	Supplier	905-727-6782 x...	supplier@comm...	2/3/2006 4:29:...
testt	test	It			5/30/2006 9:36...

User Name:

First Name:

Last Name:

Phone No:

Email:

Password:

User Saved!

To add another contact select the "New" button to get back to a blank screen.

DELETING OR EDITING A USER

To delete a user, or edit a user, click that user in the table, which will pull their user information into the section below. Either delete their information or change the information to what you require it to be, make sure the changes are correct and then click 'Save'.

3. My Info

In the **My Info** section you are able to edit your personal account information. Enter in the changes and select the "Update" button. The Update will save automatically.



my info

User Name: test
First Name: Commport
Last Name: Supplier
Phone No: 905-727-6782 x2221
Email: supplier@commport.com
New Password:
Confirm Password:
Old Password:

Please note that while the Email address is not a mandatory field we strongly advise providing one so that email notifications are delivered to your account.

8.0 REPORTS

home » reports

The structure for report functionality is in place, but the actual functionality will not be available until our next release.



9.0 DOCUMENTATION

home » documentation

This area has a collection of GDSN relevant documents available for you. They explain everything from Party Registration, the different key attributes of the GDSN, etc.

CGS training documents & file layouts can be attained in this section.



10.0 GLOBAL TRADE ITEM NUMBER (GTIN)

Global Trade Item Number describes data structures that use 14 digits and can be encoded into various data carriers. For example, bar codes and radio frequency identification (RFID). GTIN is only a term and does not impact any existing standards, with the exception of including the packaging definition on levels above the consumer unit where applicable. For North America, the UPC is an existing form of a GTIN.

GTINs are used for the unique identification of trade items worldwide. For more information on GTIN allocation please see the GTIN Allocation rules.

GTIN OWNERSHIP

GTINs are created by the Manufacturer or Vendor in most cases. In some instances, for example when a Trade Item is received without a Bar code, the Buyer or Distributor will assign and manage the GTIN for a Trade Item.

VARIOUS GTIN STRUCTURES

UCC-12: Used primarily in North America (UPC)

Twelve digits composed of:

- UCC Company Prefix: 6, 7, 8 or 9 digits
- Item Reference number: 5, 4, 3 or 2 digits, length varies as a result of the Company Prefix length
- One check digit: to ensure data integrity

EAN/UCC-13:

Thirteen digits composed of:

- EAN.UCC Company Prefix and Item Reference number: 12 digits
- One check digit: to ensure data integrity

EAN/UCC-14: Used to identify trade items at various packaging levels.

Fourteen digits composed of:

- One Indicator digit to indicate packaging level
- EAN.UCC Company Prefix and Item Reference Number: 12 digits
- One check digit: to ensure data integrity

EAN/UCC-8:

Eight digits composed of:

- EAN.UCC Company Prefix and Item Reference number: 7 digits
- One check digit: to ensure data integrity

A full 14-digit GTIN is achieved on a data carrier of shorter length by "padding" the number with left-justified zeros to force the number to 14 characters in length.



CREATING GTIN FROM EXISTING BAR CODES

Your valid EAN/UCC UPC are Valid GTINs when padded with zeros to become 14-digits. For example:

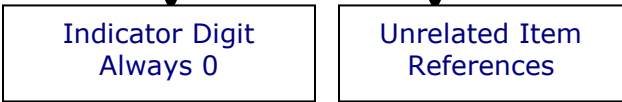
Desc.	Item	Level	Bar Code	GTIN	GTIN in database
Product A	1 Unit	Consumer	U.P.C.	614141000012	00614141000012
Product A	96 Units	Case	ITF-14	0061441000029	00614141000029
Product B	1 Unit	Consumer	U.P.C.	614141000777	00614141000777
Product B	6 Pack	Consumer	U.P.C.	614141000883	00614141000883
Product B	12 Pack	Consumer	U.P.C.	614141000999	00614141000999
Product B	2x12	Pack Case	UCC/EAN-128	1061414000996	10614141000996
Product B	4x12	Pack Case	UCC/EAN-128	30614141000990	30614141000990
Product B	8x12	Pack Case	ITF-14	50614141000994	50614141000994

CREATING GTIN FOR TRADE ITEM HIERARCHY

Trade Item Hierarchy can be represented in the GTIN in the following ways:

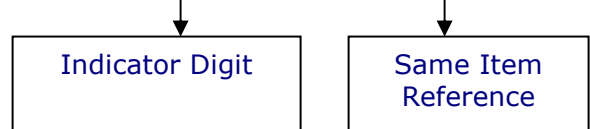
- Using the Item Reference Number
 - The various levels of packaging are represented by different Item Reference Numbers
 - For example:

Pallet of 2880 widgets	0	6	1	4	1	4	7	2	9	6	3
Pack of 144 widgets	0	0	6	1	4	1	3	1	8	5	9
Case of 12 widgets	0	0	6	1	4	1	7	2	6	9	0
Each – 1 widget	0	0	6	1	4	1	1	0	9	2	3



- Using an Indicator Digit
 - The various levels of packaging are represented by ordered Indicator Digits, while the Item Reference Number remains constant
 - For example:

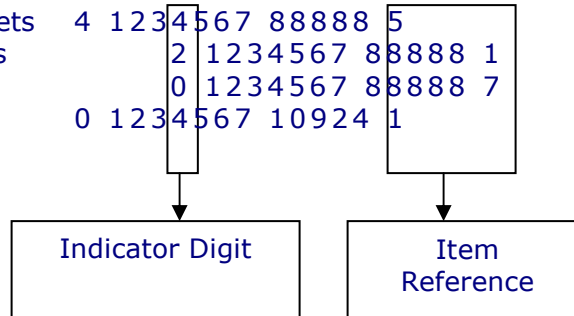
Pallet of 2880 widgets	7	0	6	1	4	1	1	2	3	4	5	1
Pack of 144 widgets	5	0	6	1	4	1	1	1	2	3	4	7
Case of 12 widgets	2	0	6	1	4	1	1	1	2	3	4	6
Each – 1 widget	0	0	6	1	4	1	1	1	2	3	4	2





- Using a combination of an Indicator Digit and Item Reference Number
 - The various levels of packaging are represented by a combination of Indicator Digits and Item Reference Numbers
 - For Example:

Pallet of 2880 widgets	4	123456788888	5
Pack of 144 widgets	2	123456788888	1
Case of 12 widgets	0	123456788888	7
Each - 1 widget	0	123456710924	1



More Help

For more help building your bar codes visit:

http://www.uc-council.org/ean_ucc_system/membership/create_number.htm

For help calculating your check digits visit:

http://www.uc-council.org/ean_ucc_system/education_support/cdc.html

10.1 CHANGE RULES

New GTINs are not always needed. Review the chart below to learn when a new number should be assigned and when the same one should be used.

	Event / Condition	Retail Consumer Trade Item	Standard Trade Item Grouping	Notes	GS1 Rule #
Language	New language on single language label.	New	New		1.1
	Add additional language on multi language label.	Same	Same		1.2
	Language cluster substituted for another language cluster.	New	New	Example: A package with languages A, B and C must have a different GTIN than a package with languages A, D and E.	1.3
	Trade item sold in different locations.	Same	Same		1.4
Branding	Change to wording of product name, product brand, or product description	New	New		2.1
	Change to brand graphics.	Same	Same		2.2



	Addition of a brand name.	Same	Same		2.3
	Graduated change of product brand or name.	New	New	When old brand coexists with new one during period of change.	2.4
	Minor artwork changes	Same	Same		2.5
Packaging	Package changes with major impact.	New	New	Any dimensional change of more than 20% or any gross weight change of more than 20%.	3.1
	Minor packaging material changes, with no major impact on 'facing' dimensions.	Same	Same		3.2
	New/additional pallet layout to co-exist with original layout.	Same	Same		3.3
	Electronic Article Surveillance (EAS) system	Same	Same	Distribution centres unable to distinguish between shipping to stores with theft protection systems, different GTIN for Standard Trade Item if EAS present.	3.4
	Addition of an EPC Tag	Same	Same		3.5
	Event / Condition	Retail Consumer Trade Item	Standard Trade Item Grouping	Notes	GS1 Rule #
Product	Minor formulation or characteristic change with no declaration to consumer.	Same	Same		4.1.1
	Formulation change, regulations/other requirements, changes to consumer benefit with declaration to consumer.	New	New		4.1.2
	Seasonal recipe (new line proposal)	Same	Same	Example: Yoghurt with seasonal fruit.	4.1.3
	A different count of trade items in a grouping.	N/A	New	Trade Item groupings contain different quantities.	4.2.1
	Minor change in net weight/count/volume, no declaration to consumer.	Same	Same		4.2.2
	Change in net weight, count, number of consumer usage items in package, with declaration to consumer.	New	New	Example: Change in number of tablets in aspirin bottle or colour and size code of a fashion item.	4.2.3
	A change in the content of a dynamic assortment.	Same	Same		4.2.4



Major change in functionality.	New	New	Example: New features, new software version, etc.	4.3
Random packs.	Same	Same	Retail Consumer Trade Item/Standard Trade Item Grouping contains random mix. Example: Different flavours of jellies.	4.4.1
Changes to a pre-defined assortment.	Same	New	Changes to configuration of the Grouping are not applicable to GTIN of lower packaging levels (Retail Consumer Trade Item does not get new GTIN).	4.4.2
Combination pack (two or more retail trade items normally sold separately but bound together).	New	New	Combination pack represents a new Trade Item.	4.5

	Event / Condition	Retail Consumer Trade Item	Standard Trade Item Grouping	Notes	GS1 Rule #
Promotional	Sample or test Trade Item.	N/A	N/A	If trade item released to market for POS use it requires a GTIN, the same GTIN is maintained if test item becomes orderable.	5.1
	Bonus pack (increased quantity (net weight/count/volume) and sold at same price as regular item).	New	New		5.2
	Free item - two Retail Trade Items, not attached, one free when other purchased.	Same	Same		5.3.1
	Two or more Retail Consumer Trade Items bound together.	Same	Same	Example: One-Order Trial Pack bound to other Trade Item.	5.3.2
	Free Item packaged inside Retail Consumer Trade Item.	Same	Same		5.3.3
	Two or more Retail Consumer Trade Items not bound together.	Same	Same	Example: Free gift with purchase, buy-two, get one free offer.	5.3.4



	Push promotion for a time critical event.	Same	New	Standard Trade Item Grouping distinction is required for efficient phase in - phase out of promotion.	5.4
	Reconfiguration of consumer pack.	Same	Same	Example: Special addition packaging with no change to quantity or selling price of Trade Item.	5.5
	Mail in with proof of purchase.	Same	Same	Retail Consumer Trade Item may have coupon or other printed matter which would be returned for consumer refund, or savings.	5.6
	Merchandise sold with allowance (Items purchased by retailer at regular price and additional items furnished free of charge).	Same	New	Standard Trade Item Grouping distinction is required to manage flow of goods - even if supplied for free.	5.7

	Event / Condition	Retail Consumer Trade Item	Standard Trade Item Grouping	Notes	GS1 Rule #
Manufacturing	Trade item produced in different locations.	Same	Same		6.1
	Different manufacturer for an identical trade item.	Same	Same		6.2
Selling Price	Different retail price where price is not marked on the packaging.	Same	Same		7.1
	Retail Consumer Trade Item with price label attached per specific retailer requirements.	Same	Same		7.2
	Change to manufacturers suggested retail price (MSRP).	New	New	Change requires supply chain partners to distinguish old and new stock.	7.3
	Price-off coupon on or in packaging for the same or any other retail item.	Same	Same		7.4
	Price reduction specified on the pack.	New	New	Example: 10 cents off marked on the packaging.	7.5



	Non price-marked item changed to a price-marked item.	New	New		7.6
	Any other marked price as part of the packaging. Selling price is the price marked on packaging.	New	New	Example: Newspapers and magazines tend to be price marked. If the cover price changes a new GTIN should be assigned.	7.7
Seasonals	Trade items modified for seasonal reason. Not recurring seasonal items.	New	New	Example: holiday pack, candy over-wrapped for Easter.	8.1
	Vintage impacts pricing/ordering/invoicing at any point in the supply chain.	New	New	When vintage affects pricing. Example: Wine.	8.2.1
	Vintage has no impact on pricing/ordering/invoicing.	Same	Same		8.2.2

	Event / Condition	Retail Consumer Trade Item	Standard Trade Item Grouping	Notes	GS1 Rule #
		Trade Item			
Upstream	Trade item sold in variable measure varies in total weight.	Same		Measurements included as attribute so no new GTIN needed.	9.1.1
	Trade item supplied in new size.	New			9.1.2
	Major packaging change. Any dimensional change of more than 20%, but weight remains unchanged.	New			9.1.3
	Same trade item but different handling parameters.	Same			9.1.4
	New specification for the trade item.	New		New specification marks a new trade item.	9.2.1
	Variations in the grade of the trade item.	New		To distinguish different grades of a trade item.	9.2.2
	Specification varies within the parameters of the party assigning the GTIN.	Same		Trade item still falls within the specification defined for trading purposes.	9.2.3
	Trade item is printed packaging material, and print design has changed.	New		Change in print design will affect where and how the trade item can be used in manufacturing process.	9.2.4



	Different finishing.	New	Example: A trade item is finished or converted to order.	9.2.5
	Change of supplier and GTIN assigned by supplier.	New	Each supplier's trade items need to be identified separately from those of another supplier.	9.3.1
	Change of supplier and GTIN assigned by customer.	Same	The trade item is specified by the customer who allocates the GTIN to the trade item.	9.3.2
	Change of customer and GTIN assigned by supplier.	Same	The trade item is unaffected by the change in customer.	9.3.3

10.2 LEAD TIME IN RE-USING A GTIN

The GTIN allocated to a trade item which has become obsolete must not be re-used for another trade item until at least 48 months after the product was last supplied by the Brand Owner to a customer.

10.3 KEY DATA ATTRIBUTES

The following information is taken from the GDSN Trade Item Implementation Guide, Issue 2, May 2007 for more information please see:

[http://www.gs1.org/docs/gsm/gdsn/GDSN Trade Item Implementation Guide.pdf](http://www.gs1.org/docs/gsm/gdsn/GDSN%20Trade%20Item%20Implementation%20Guide.pdf)

The GDSN model works off a basic principle. The entire set of data attributes assigned to a Global Trade Item Number (GTIN) may vary depending upon what information is provided, and in which target market the data is relevant.

Within the global data synchronization environment, the combination of three key attributes:

1. Global Location Number (GLN) of the information provider
2. Global Trade Item Number (GTIN)
3. Target Market

These three key attributes identifies a unique set of values for the trade items' attributes, and the combination can affect which attributes are communicated. The values of attributes can vary for a GTIN when the GLN of the information provider or the Target Market is changed.

Example: Ordering Lead Time may vary depending upon which target market

NOTE: All variations must be compliant with the GTIN allocation rules, variations that do not comply require a new GTIN.



11.0 EDIT ITEM

Please Note: Retailers/Buyers do not have the ability to edit items only view items using the Edit Item screens.

The **Edit Item** screens can either be a considered a continuation of the **New Item** manual entry templates or a tool to view and/or edit existing item(s) in your catalogue.

To edit an item:

home » manage » view catalogue » edit item

Select the **View Catalogue**, and check the desired GTIN number, and then select the “Edit Item” button or double click on the item to pull up the **Edit Item** screens.

home » manage » view catalogue

view catalogue

GTIN: 00062905000707 Additional ID: Find Related Items

GPC:

Target Market:

Description:

Group ID Code:

State:

Search

<input type="checkbox"/>	GTIN	Status	Short Description	Unit
<input checked="" type="checkbox"/>	00062905000707	Registered - Unsyncable	BLANKET PIPE WELD CO...	SETPACK

1 record(s) found. Page 1 of 1

Export Type: Acklands Excel v2.2

The Edit Item page is identical to the New Item pages except that all of your item data is already populated and is ready for you to make changes.

Please Note: Some changes to an item can impact any existing syncing relationship, and will require you to end your syncing relationship before any changes are completed.



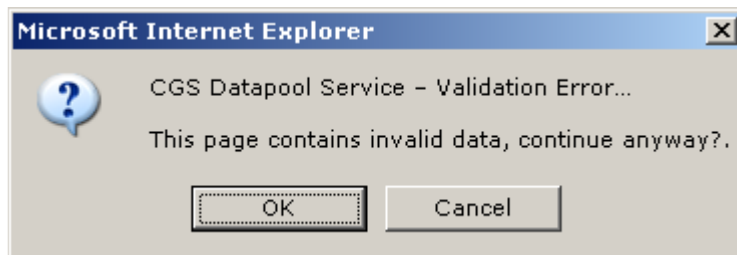
The **Edit Item** section is separated into different groupings of information in order to locate and edit information faster and easier.

Groups include:

- Mandatory = Mandatory elements required for GDSN synchronization
- Trade Item = Includes trade item specific information
- Parties = Includes information on Manufacturer, Vendor and Private Party
- Ordering = Information required for ordering
- Allowance/Charge/Payment = Information required for Allowance & Charges and Payment terms
- Marketing = Information on any product marketing
- Extension And TP Specific = Information for GDSN Approved Extensions, of for Trading Partner Specific information that is not yet a part of the GDSN message standards
- Sustainability Info = Information on Item Sustainability and Environmental Properties
- Finish = Allows you to save your item/changes

IN-LINE 'CGS DATAPOL SERVICE - VALIDATION ERROR'

The Edit Item screens have in-line Validation checks that will verify the completeness of your product information as you move through the screens.



As you proceed through the pages you may encounter a 'CGS Datapool Service – Validation Error' message box indicating that the page contains invalid data and asking if you would like to continue.

Click 'OK' to proceed to the next screen anyway, or click 'Cancel' to stay on the current page and correct the data. This message will appear if there is mandatory data missing on the page, or if some of the data is incorrect.

If you click on 'Cancel' a message will appear in red on the bottom of the screen detailing the data attribute that cause the error.



11.1 MANDATORY

This section contains the mandatory elements that the Global Data Synchronization Network require in order for trade item information to enter their network.

NOTE: Some Mandatory Elements are highlighted in burgundy

home » manage » view catalogue » edit item

edit item

GTIN: 00062905000707

Mandatory Trade Item Parties Ordering Allowance/Charge/Payment Marketing Extension And TP Specific Sustainability Info Finish

Main Page 2 Measurements Dates

State: **Registered - Unsyncable (Last Validated 8/26/2009 11:30:14 AM)**

GTIN: 00062905000707

Unit Descriptor: SETPACK

Brand Name: Hi Temp

Is this item...

- ... a Base Unit?
- ... a Consumer Unit?
- ... a Despatch Unit?
- ... an Orderable Unit?
- ... an Invoice Unit?
- ... a Variable Unit?
- ... a Returnable Unit?

Target Market

Country	Sub-Division
CANADA	

Country: CANADA

Sub-Division:

Functional Name

Name	Language
HOTWORKS PIPELINE COOLING BLANKET	English

Name: English

Save New Delete

<< Prev Save Next >>



MAIN

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
State		The registration state of the GTIN, please see Validate Item(s) in Section 5.3 for more information.	Display Only		
GTIN	gTIN	Global Trade Item Number, a 14-digit numeric value used to uniquely identify a trade item. A trade item is any item (product or service) upon which there is a need to retrieve pre-defined information and that may be planned, priced, ordered, delivered and or invoiced at any point in any supply chain. If you need assistance with calculating a GTIN number please see, the GS1 website for more information.	Numeric	14	1-1
Unit Descriptor	tradeItemUnitDescriptor	Describes the hierarchical level of the trade item. TradeItemUnitIndicator is mandatory. Examples: "CASE" , "PALLET" CASE BASE_UNIT_OR_EACH PALLET DISPLAY_SHIPPER MIXED_MODULE MULTIPACK PACK_OR_INNER_PACK PREPACK PREPACK_ASSORTMENT SETPACK	String	20	1-1
Brand Name	brandName	The recognizable name used by a brand owner to uniquely identify a line of trade item service.	String	35	1-1
Target Market Country	targetMarketCountryCode	Indicates the country level or higher geographical definition in which the information provider will make the GTIN available to buyers. The indicator does not in any way govern where the buyer may re-sell the GTIN to consumers. Based on the ISO 3166-1 Country Codes, 3 digit numeric codes. <i>Please Note: We provide a list with country names and then convert to the 3 digit numeric code when the information is saved.</i>	Numeric	3	1-m



Target Market Subdivision	targetMarketSubdivisionCode	The country sub-division code used to indicate the geo-political subdivision of the target market. Based on the ISO 3166-2 Part 2 – Alpha-Country Subdivision Code.	String	2	0-m
Base Unit	isTradeItemABaseUnit	Indicates the trade item as a base unit level of the trade item hierarchy. Base unit is the smallest possible unit.	Boolean	1	1-1
Consumer Unit	isTradeItemAConsumerUnit	Indicates whether the current hierarchy level of a trade item is intended for an ultimate consumption. For retail, this trade item will be scanned at point of sale, and this data is commonly used to select which GTINs should be used for shelf planning and for front-end POS databases.	Boolean	1	1-1
Dispatch Unit	isTradeItemADespatchUnit	Indicates that the information provider considers the trade item as a dispatch (shipping) unit. This may be relationship dependant based on channel of trade or other point-to-point agreements. <i>Please Note: If Despatch Unit = True than the Gross Weight is mandatory.</i>	Boolean	1	1-1
Orderable Unit	isTradeItemAnOrderableUnit	Indicates that the information provider considers this trade item to be a hierarchy level where they will accept orders from customers. This may be different from what the information provider identifies as a despatch unit. May be relationship dependant. <i>Please Note: If Orderable Unit = True than the Gross Weight is mandatory.</i>	Boolean	1	1-1
Invoice Unit	isTradeItemAnInvoiceUnit	Indicates that the information provider will include this trade item on their billing or invoice. This may be relationship dependant based on channel or trade or other point-to-point agreements.	Boolean	1	1-1
Variable Unit	isTradeItemAVariableUnit	Indicates that an article is not a fixed quantity, but that the quantity is variable. May be variable by: weight, length or volume.	Boolean	1	1-1
Returnable Unit	isPackagingMarkedReturnable	The packaging of the trade item marked returnable. Attribute applies to returnable packaging with or without deposit.	Boolean	1	1-1
Functional Name	functionalName	Describes the intended use of the product or service	String	35	1-m
Functional Name Language	languageISOCode	The language used to describe the Functional Name. Based on the ISO 639-1 language codes.			1-m



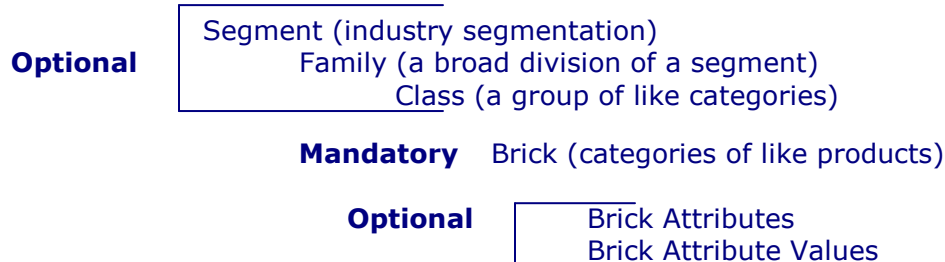
MAIN PAGE 2

This page enables you to define the Global Product Classification Brick Code for you product. For more information on the Global Product Classification please see either **Documentation** web page and Select "Global Product Classification" or go to <http://www.gs1.org/productssolutions/gdsn/gpc/>.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Global Product Classification Code	classificationCategoryCode	This is the classification assigned to an item that indicates the higher level grouping to which the item belongs. Items are put into logical groupings to facilitate the management of a diverse number of items. For more information on GPC please see the Documentation section on the CGS website. See GPC Finder Section 5.4 View Catalogue for more details.	Numeric	8	1-1
Brick Name		Bricks represent the smallest categorization and group like products together. The Name of the Brick that your product is located in. This should be automatically populated when you select the correct GPC number.			
Attribute	attributeName	Attributes further define the product with the Brick classification.	Numeric	8	0-m
Value	attributeValue	Value of the Brick Attribute for your product. For every attribute selected you must provide a value.	Numeric	8	0-m

GPC Format and Structure

The GPC schema provides an optional 4 Level hierarchy of Segment, Family, Class and Brick.





MEASUREMENTS

The section provides the mandatory measurement information about your product.

Determining the Height, Width and Depth Measurement

As per the GDSN Package Measurement Rules, GS1 Standard Document Issue 1.6, May 2007. Prior to any measurement capture, a default front of a trade item must be established. The Default front is the side with the largest surface area that is used by the manufacturer to "sell" the product to the consumer (the side with markings such as the product name).

Once the default front has been established, it is possible to determine the height, width and depth of an item, which are:

Height = from the base to the top
Width = from the left to the right
Depth = from the front to the back

Always remember to measure the maximum distance, including any caps, lids and complimentary products.

For more information on Measurement Rules, please see: http://www.gs1.org/docs/gsm/gdsn/GDSN_Package_Measurement_Rules.pdf

Metric and Imperial Dimensions

As per the GDSN Package Measurement Rules, GS1 Standard Document Issue 1.6, May 2007. The accurate and consistent dimensional measurement of a trade item packaging is key to the successful implementation of Data Synchronization between trading partners. These rules are provided for use for all trading partners wishing to exchange data about product packaging measurements.

Depth:	<input type="text" value="125"/>	Gross Weight:	<input type="text" value="22"/>
Depth UOM:	<input type="text" value="Centimeter"/>	Gross Weight UOM:	<input type="text" value="Pounds"/>
Height:	<input type="text" value="50"/>	Drained Weight:	<input type="text"/>
Height UOM:	<input type="text" value="Centimeter"/>	Drained Weight UOM:	<input type="text"/>
Width:	<input type="text" value="90"/>	Net Content Declared:	<input type="text" value="No"/>
Width UOM:	<input type="text" value="Centimeter"/>	Net Content:	<input type="text" value="1"/>
Diameter:	<input type="text"/>	Net Content UOM:	<input type="text" value="Case"/>
Diameter UOM:	<input type="text"/>	Net Weight:	<input type="text" value="21"/>
		Net Weights UOM:	<input type="text" value="Pounds"/>



This common methodology for determining product package measurements is intended to ensure global compatibility. Suppliers may use any valid unit of measure (UOM) and it is up to their trading partners to convert the UOM between increments within a measurement system (eg. Millimeters versus centimeters, pounds versus ounces, or inches versus feet). For imperial and metric, suppliers should provide the measurement system that is required in a specific target market.

For more information on Measurement Rules, please see:
http://www.gs1.org/docs/gsm/gdsn/GDSN_Package_Measurement_Rules.pdf

Unit of Measure

As per the GDSN Package Measurement Rules, GS1 Standard Document Issue 1.6, May 2007. Accurate and consistent dimensional measurement of trade item packaging is key to successful implementation of Data Synchronization between trading partners. Suppliers may use any valid unit of measure and it is up to their trading partners to convert the UOM between increments within a measurement system (eg. Millimeters versus centimeters, pounds versus ounces, or inches versus feet).

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Depth	depth	The measurement of the depth (from front to back) of the actual trade item.	Numeric	15	1-1
Depth UOM	measurementUnit CodeValue	The Unit Of Measure for the Depth Measurement. See Appendix A for UOM Code List.			1-1
Height	height	The measurement of the height of the actual trade item.	Numeric	15	1-1
Height UOM	measurementUnit CodeValue	The Unit Of Measure for the Height Measurement. See Appendix A for UOM Code List.			1-1
Width	width	The measurement of the width of the actual trade item.	Numeric	15	1-1
Width UOM	measurementUnit CodeValue	The Unit Of Measure for the Width Measurement. See Appendix A for UOM Code List.			1-1
Diameter		The measurement of the diameter of the actual trade item.	Numeric	15	1-1
Diameter UOM	measurementUnit CodeValue	The Unit Of Measure for the Diameter Measurement. See Appendix A for UOM Code List.			0-1
Gross Weight		Used to identify the gross weight of the trade item Includes all packaging materials. At pallet level the trade item gross weight includes the weight of the pallet itself. Mandatory if item is an Orderable Unit and/or Despatch Unit .	Numeric	15	1-1



Gross Weight UOM	measurementUnit CodeValue	The Unit Of Measure for the Gross Weight Measurement. See Appendix A for UOM Code List.			0-1
Drained Weight		Indicates the weight of solid parts presented in a liquid medium, when the liquid is not a decisive factor of the product.	Numeric	15	1-1
Drained Weight UOM	measurementUnit CodeValue	The Unit Of Measure for the Drained Weight Measurement. See Appendix A for UOM Code List.			0-1
Net Content Declared		Indicates whether or not the net content of the trade item has been declared on the trade item.	Boolean	1	0-1
Net Content		The total amount of the trade item contained by a package, as claimed on the label. This is mandatory when sending a trade item if it is a consumer unit .	Numeric	15	0-1
Net Content UOM	measurementUnit CodeValue	This is the unit of measure for the Net Content. Conditional based on presence of the Net Content. See Appendix A for UOM Code List.			0-1
Net Weight		Used to identify the net weight of the trade item. Net weight excludes any packaging materials and applies to all levels but consumer unit level. Mandatory if item is a Consumer Unit .	Numeric	15	1-1
Net Weight UOM	measurementUnit CodeValue	The unit of measure for net weight measurement. Mandatory if item is a Consumer Unit . See Appendix A for UOM Code List.			0-1

DATES

This section provides specific date information on your product. It is an optional section, however if one date has been populated they all become mandatory.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Effective Date		Indicates on which Date the information about the Trade Item comes into effect.	Date	8	1-1
Last Change Date		Indicates the point in time when the last modification on a Trade Item was made	Date	8	1-1
Publication Date		The date which all static data associated with the trade item becomes available for viewing and synchronization.	Date	8	1-1
Availability Date (Sent to GR)		Indicates the date from which the trade item becomes available from the supplier, including seasonal or temporary trade item and services	Date	8	1-1

11.2 TRADE ITEM



The Trade Item section is populated with information specific on the trade item, this information is optional, but in some cases if one element is sent another may become mandatory.

MAIN

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Price By Measure Type		Indicates the Unit of Measure used for pricing, or how a product is sold. The following list values are accepted: WEIGHT VOLUME LENGTH AREA COUNT	String	6	1-1
Variable Type		Indicates whether the trade item is loose or pre-packed. In order to use this field the Variant Unit must be marked as True. The following list values are accepted: LOOSE PRE_PACKED	String	10	1-1
Is there a Promotional Offer on the Packaging?			Boolean	1	1-1
Is there a Batch Number on the Packaging?			Boolean	1	1-1
Is Packaging Marked as Recyclable?			Boolean	1	1-1
Is a Non-Sold Item Returnable?			Boolean	1	1-1



Additional Classification Agency Name*		The name of the agency that maintains the additional classification schema. Mandatory if Additional Classification Category Code populated. The following list values are accepted: UDEX, LTD IRI AC Nielsen ECCC Interim Class Codes UNSPSC – United Nations Standard & Services Code UNSPSC – Electronic Commerce Code Management Assoc. <i>Note: *indicates the code list is editable.</i>			0-m
Additional Classification Category Code		The code that identifies the Additional Classification Category. Mandatory if the Additional Classification Agency Name populated.	String	15	0-m
Additional Classification Description		A description of the Additional Classification Category Code provided.	String		0-m

ADDITIONAL MEASUREMENTS

This section allows you to enter in any additional measurements that you might have in order to describe your product better. Please note that some elements may be mandatory depending upon the presences of others.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Generic Ingredient		Is used for pharmaceutical trade items to describe one or more generic ingredients within the trade item.	String	35	0-1
Generic Ingredient Strength		Is used for pharmaceutical trade items to define the strength of each generic ingredient whether by trade item or unit volume.	Numeric	15	0-1
Generic Ingredient Strength UOM	measurementUnit CodeValue	Indicates the Unit of Measure for generic ingredient strength. Only option for this UOM is P1 = Percent. Mandatory if Generic Ingredient Strength populated. See Appendix A for UOM Code List.			0-1
Ingredient Strength		Used for pharmaceutical trade items to define the strength of each ingredient in a trade item or unit volume of the trade item	String	18	0-1



Price Comparison Content Type		<p>The code indicating how the value in Price Comparison Measurement is used to calculate the comparative price, which is printed on shelf labels.</p> <p>DRAINED_WEIGHT PER_KILOGRAM PER_LITRE READY_TO_DRINK READY_TO_EAT INCLUDING_ADDITIVES MILLILITRES_EXCLUDING_DEPOSIT PER_PIECE PER_DOSE PER_LOAD PER_WASH PER_METRE PER_POUND PER_PINT PER_YARD PER_CUBIC_METRE PER_SQUARE_METRE</p>			0-1
Price Comparison Measurement		<p>The quantity of the product at usage. Applicable for concentrated products and products where the comparison price is calculated based on a measurement other than net content. Mandatory if the Price Comparison Content is populated.</p>	Numeric	15	0-1
Price Comparison UOM	measurementUnit CodeValue	<p>The unit of measure for the price comparison measurement. Mandatory if Price Comparison Measurement is populated. UOM limited to LB = Pounds. See Appendix A for UOM Code List.</p>			0-1
Casing Tare Weight	casingTareWeight	<p>Indicate the casing tare weight.</p>	Numeric	15	0-1
Casing Tare Weight UOM	measurementUnit CodeValue	<p>Indicates the casing tare weight unit of measure. Mandatory if Casing Tare Weight is populated. See Appendix A for UOM Code List.</p>			1-1
Layer Height					
Layer Height UOM	measurementUnit CodeValue	<p>Indicates the layer height unit of measure. Mandatory if Layer Height is populated. See Appendix A for UOM Code List.</p>			1-1



Item Composition Width		The number of child items that are packaged beside each other in a trade unit (on the side of facing the consumer).	Numeric	15	0-1
Item Composition Width UOM	measurementUnit CodeValue	The until of measure for the Item Composition Width. Mandatory of the Item Composition Width is populated			0-1
Item Composition Depth					
Item Composition Depth UOM	measurementUnit CodeValue				
Nesting Direction		HORIZONTAL VERTICAL			
Nesting Type		NEGATIVE POSITIVE			
Nesting Increment					
Nesting UOM	measurementUnit CodeValue				



Item Orientation Type		BAF_000 BAF_090 BAF_180 BAF_270 BOF_000 BOF_090 BOF_180 BOF_270 FRF_000 FRF_090 FRF_180 FRF_270 LEF_000 LEF_090 LEF_180 LEF_270 RIF_000 RIF_090 RIF_180 RIF_270 TOF_000 TOF_90 TOF_180 TOF_270			
Item Orientation Preference Sequence					
Has Display Ready Packaging?		FALSE Not Applicable TRUE Unspecified			
Display Dimension Type Code		IN_PACKAGE RETAIL_DISPLAY OUT_OF_PACKAGE			



Display Dimension Type Code Height					
Display Dimension Type Code Height UOM	measurementUnit CodeValue				
Display Dimension Type Code Depth					
Display Type Code Depth UOM	measurementUnit CodeValue				
Display Dimension Type Code Width					
Display Dimension Type Code Width UOM	measurementUnit CodeValue				



ADDITIONAL IDs & CODES

This section will allow you to add additional product identifications and codes. Please note these are not meant to be used to transmit Trading Partner specific identifications or codes, please see **The Trading Partner Specific Sections** for more details.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
EAN.UCC Code		Lists the EANUCC barcode of the trade item. If this is provided the Bar Code Type is required.	Numeric	14	0-m
EAN.UCC Code Type		Indicates the Type of EANUCC barcode provided. Mandatory if EAN.UCC Code is populated. The following list values will be accepted: EN EAN.UCC - 13 EO EAN.UCC - 8 U2 UPC Shipping Container Code UA UPC/EAN Case Code (2-5-5) UD UPC/EAN Consumer Package Code (2-5-5) UE UPC/EAN Module Code (2-5-5) UG Drug UPC UH Drug UPC UI UPC Consumer Package Code UK EAN/UCC 14 UN UPC Case Code Number (1-1-5-5) UP UCC - 12			0-m



Organic Code*	organicTradeItemCode	Indicates whether the food materials of the trade item are organic, or to what degree. GDSN does not have a mandatory list of codes for the Organic code, but they do suggest using the below codes: 100% Organic Organic (at least 95% by weight) Made with organic ingredients (at least 70% by weight) Some organic ingredients (less than 70% by weight) Not Organic In conversion Bio Dynamic Disqualified	String	35	0-m
Organic Claim Agency	organicClaimAgency	Indicates which Organic Claim Agencies support the organic claims of the trade item GDSN does not have a mandatory list of Agency, but they would suggest using the below codes: EPA – US Environmental Protection Agency FSA – UK Food Standards Agency FDA – US Food and Drug Agency International Foundation for Organic Agriculture	String	35	0-m
Additional Trade ID Type		Type of the identification system that is being used as an alternative to the Global Trade Item Number, values include: BUYER_ASSIGNED SUPPLIER_ASSIGNED INDUSTRY_ASSIGNED DISTRIBUTOR_ASSIGNED Mandatory if Additional Trade ID Value is used.	String	35	0-m
Additional Trade ID Value		Alternative means to the Global Trade Item Number to identify a trade item. Frequently used to identify vendor numbers, SKUs, Retailer Numbers, etc. Mandatory if Additional Trade ID Type is used.	String	80	0-m



Import ID Type		CUSTOMS_TARIFF_NUMBER HARMONIZED_COMMODITY_DESCRIPTION_AND_CODING_SYSTEM HARMONIZED_TARIFF_SCHEDULE_OF_THE_US INTRASTAT INTRASTAT_COMBINED_NOMENCLATURE NETHERLANDS TARIF_INTEGRE_DE_LA_COMMUNAUTE			
Import ID Value					

COLOUR & FINISH

This section is used to describe the colour and/or finish of a Trade Item, not the trade item packaging.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Color Code List Agency*	colorCodeListAgency	The parties controlling the color code lists. Dependent on color code value. If color code is indicated, then Color Code Maintenance Agency is required. Suggested Values: National Retail Federation PANTONE Matching System PANTONE Process Color System PANTONE Hexachrome Color System PANTONE Textile Color System Assigned by Buyer Assigned by Seller	String	3	0-m
Color Code	colorCodeValue	The code list required to identify the color of the trade item. No ISO standards exist. Each industry needs to determine which code Maintenance agency is will use.	String	20	0-m
Color Description	colorDescription	Free form text description of the color of the trade item.	String	70	0-m
Color Code Description Language	languageISOCode	The language of the Color Description. Mandatory if the Color Description is populated. Based on the ISO 639-1 language codes.	String	2	0-m



Trade Item Finish Description		Describes the outer surface/appearance of the product.	String	70	0-m
Trade Item Finish Description Language	languageISOCode	The language used to describe the Finish Type. Based on the ISO 639-1 language codes. Mandatory if the Trade Item Finish Description is populated	String	2	0-m

DATES

This section is used to provide dates related to the trade item. Select a date from the calendar by clicking the  button. Once populated, a date can be removed by clicking the  button.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Cancel Date	canceledDate	Communicates cancellation of the launch of a trade item that was never and will never be manufactured, but may have been presented to buyers. Allows the reuse of the GTIN 12 months after cancellation. Time will be system generated.	Date	8	0-1
Discontinued Date	discontinuedDate	The date on which the trade item is no longer manufactured. Allows the reuse of the GTIN 48 months with the explicit exception of Apparel, being 30 months and the implicit exception for specialty products. Time will be system generated.	Date	8	0-1
Consumer Availability Date	consumerAvailabilityDateTime	The first date/time that the buyer is allowed to sell the trade item to consumers. Usually related to a specific geography.	Date	8	0-1
End Availability Date	endAvailabilityDateTime	The date from which the trade item is no longer available from the supplier or information provider, including seasonal or temporary trade items and services.	Date	8	0-1
Start Date Minimum Buying Quantity	startDateMinimumBuyingQuantity	The date on which the minimum buying quantity comes into effect. Time will be system generated.	Date	8	0-1
Start Date Maximum Buying Quantity	startDateMaximumBuyingQuantity	The date on which the maximum buying quantity comes into effect. Time will be system generated.	Date	8	0-1
End Date Minimum Buying Quantity	endDateMinimumBuyingQuantity	The date on which the minimum buying quantity goes out of effect. Time will be system generated.	Date	8	0-1



End Date Maximum Buying Quantity	endDateMaximumBuyingQuantity	The date on which the maximum buying quantity goes out of effect. Time will be system generated.	Date	8	0-1
End Date of Exclusivity	endDateTimeOfExclusivity	The Date & Time at which a product is no longer exclusive to that trading partner. Time will be system generated.	Date	8	0-1
First Order Date	firstOrderDate	The date on which the first order will take place, agreed upon by both parties.	Date	8	0-1
First Ship Date	firstShipDate	The date on which the first shipment will take place, agreed upon by both parties.	Date	8	0-1
Last Order Date	lastOrderDate	The date on which the final order will take place, agreed upon by both parties	Date	8	0-1
Last Ship Date	firstShipDate	The date on which the final shipment will take place, agreed upon by both parties	Date	8	0-1

DESCRIPTIONS

This section contains non-mandatory trade item descriptions.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Sub Brand	subBrand	Describes the secondary level of brand, can be a trademark. Primary differentiating factor that a brand owner wants to communicate to the consumer or buyer. <i>eg. 'Tasty-Cola Classic', 'Tasty-Cola' is the brand name and 'Classic' is the sub-brand.</i>	String	70	0-1
Product Range	productRange	A name used by a Brand Owner that spans multiple consumer categories. <i>eg. 'Waist Watchers'.</i>	String	35	0-1
Group ID Code	tradeItemGroupIdentificationCode	Assigned by the supplier or manufacture to logically group trade items independently from the global trade item classification.	String	20	0-1
Additional Trade Item Description	AdditionalTradeItemDescription	Allows additional variants necessary to communicate to the industry to help define the product.	String	350	0-m
Invoice Name	invoiceName	Free form information provider assigned trade item description designed to match trade item/service description as noted on invoices.	String	35	0-m



Item Description		This is the integrated product description of a product or service.	String	143	0-m
Item Group ID Description	tradeItemGroup IdentificationDescription	The text description of the value represented in the Group ID Code.	String	35	0-m
Item Form Description	tradeItemForm Description	Describes the physical occurrence or shape of a product itself rather than its form of packaging.	String	35	0-1
Item Short Description	descriptionShort	A free form short length description of the trade item that can be used to identify the trade item at point of sale. Primary item description in the retailer's system. <i>eg. Steel Hammer</i>	String	35	0-m
Variant	variant	Free text field used to identify the variant of the product. Variants are the distinguishing characteristics that differentiate products with the same brand and size (eg. Flavor, fragrance, taste).	String	35	0-m
Additional Trade Item Description Language	languageISOCODE	The language used to describe the Additional Trade Item Description. Based on the ISO 639-1 language codes. Mandatory if the Additional Trade Item Description is populated			1-1

MATERIAL

This section is non-mandatory information that describes the Trade Item material in more detail.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Material Weight		The measured weight of the material expressed in ounces per square yard or grams per square meter.	Numeric	15	0-1
Material Weight UOM		The unit of measure for the Material Weight. Mandatory if Material Weight populated.			1-1
Thread Count		The quality of material (fabric) of a trade item.	String	70	0-1
Language	languageISOCODE	The language used to describe the Thread count. Based on the ISO 639-1 language codes. Mandatory if Thread Count is populated			1-1



Material Composition Agency Code	materialAgency Code	The agency that is maintaining the Trade Item Material codes. The only accepted GDSN code currently is listed below: DIN60001_PART4			0-1
Material Composition - Material Content	materialContent	The material composition of the trade item, this element is used in non-junction with the percentage.	String	70	0-1
Material Composition - Material Content Language	languageISOCode	The language code used to describe the Material Content. Based on the ISO 639-1 language codes. Mandatory if Material Composition Material Content is populated.			1-m
Material Composition - Material Percent	materialPercentage	The net weight percentage of a product material of the first main material. Percentage must add up to 100.	Numeric	5	0-1
Material Composition - Code Description		The product material code that gives the composition of the trade item's first main material, up to six material short codes that can be given in descending order of their respective percentages.	String	70	0-m
Material Composition - Code Language	languageISOCode	The language code used to describe the Material code. Based on the ISO 639-1 language codes. Mandatory if Material Composition Code Description is populated.			1-m

PEG INFO

This section allows for the description of multiple peg holes and their locations for a trade item. This section is extremely helpful for product placement.

NOTE: If you are sending any peg information all peg elements are required

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Peg Vertical	pegVertical	Used to Indicate the vertical distance from the edge of the trade item to the center of the hole into which the peg is inserted when the trade item is displayed on a pegboard The measurement is always taken from the top edge of the trade item to the hole.	Numeric	15	1-1
Peg Vertical UOM	measurementUnit CodeValue	The unit of measure for peg vertical measurement.			



Peg Horizontal	pegHorizontal	Used to indicate the horizontal distance from the edge of the trade item to the center of the hole in which the peg is inserted when the trade item is displayed on the pegboard. Only applies to consumer unit.	Numeric	15	1-1
Peg Horizontal UOM	measurementUnit CodeValue	The unit of measure for peg horizontal measurement.			
Peg Hole Number	pegHoleNumber	Indicates the peg hole numbers when more than one hole is present in the product or packaging. Peg holes should be numbered from the upper left corner of the front of the packages to the bottom right corner.	Numeric		1-1

PRICING

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Price On Trade Item - Price	priceAmount	The retail price as marked on the trade item package	Numeric	21	1-1
Price On Trade Item - Currency	currencyISOCODE	The Currency code for the retail price as marked on the trade item package. Mandatory if Price On Trade Item populated. Based on the ISO 4217 Currency Codes.			1-1
Catalogue Price - Price	cataloguePrice	The price for the trade item set by the manufacturer.	Numeric	21	0-1
Catalogue Price - Currency	currencyISOCODE	The currency used for the manufacturer set item price. Dependant upon the presence of the Catalogue Price. Based on the ISO 4217 Currency Codes. Mandatory if Catalogue Price is populated			1-1
Catalogue Price - Effective Start Date	effectiveStartDate	The date on which the catalogue price comes into effect. Mandatory if Catalogue Price sent.	Date	8	1-1
Catalogue Price - Effective End Date	effectiveEndDate	The date on which the catalogue price goes out of effect. Mandatory if Catalogue Price sent.	Date	8	1-1



Coupon Family Code	couponFamilyCode	A code assigned by the vendor to a single trade item or to families of consumer trade items that can be used by in store scanners in conjunction with a U.P.C. coupon value code for coupon value discount when the proper trade item has been purchased.	String	3	1-1
Suggested Retail Price - Price	suggestedUnitRetailPrice	The price at which the manufacturer suggests the item be sold in retail.	Numeric	21	0-1
Suggested Retail Price - Currency	currencyISOCode	The currency used for the Manufacturers suggested retail price. Dependant upon the presence of the Manufacturers Suggested Retail Price. Based on the ISO 4217 Currency Codes.			
Suggested Retail Price - Effective Start Date	effectiveStartDate	The date on which the item is suggested to be available for retail. Mandatory if Manufacturer Suggested Retail Price sent.	Date	8	1-1
Suggested Retail Price - Effective End Date	effectiveEndDate	The date on which the item is suggested to become unavailable for retail. Mandatory if Manufacturer Suggested Retail Price sent.	Date	8	1-1

SIZING

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality			
Size Descriptions - Size Agency*		<p>The parties controlling the size code list. Dependant on the size code value. No standardized list currently, GDSN recommends the EAN.UCC maintained code List.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>National Retail Federation</td> </tr> <tr> <td>Assigned by Buyer</td> </tr> <tr> <td>Assigned by Seller</td> </tr> </table>	National Retail Federation	Assigned by Buyer	Assigned by Seller	String	3	
National Retail Federation								
Assigned by Buyer								
Assigned by Seller								
Size Descriptions - Description		Is an alphanumerical size factor the brand owner wishes to communicate to the consumer. <i>eg. Jumbo or Full Length</i>	String	35				



Size Descriptions - Language	languageISOCode	This is the language code for the Size Descriptions – Description. Based on the ISO 639-1 language codes.. Mandatory when Size Descriptions – Description populated.			1-1
Size Descriptions - Size		The value from an industry specific code list required to identify the size of the trade item. Can be a combination of value which fully describe the trade item size. <i>eg. 32 waist, 36 inseam</i>	String	20	
Non-Pkg Size Dimensions - Size Group	sizeGroup	The non-Packaged trade item Size Group. PETITE MATERNITY MENS WOMENS INFANTS BOYS GIRLS MISSES JUNIORS WOMENS_TALL MENS_TALL	string		0-1
Non-Pkg Size Dimensions - Descriptive Size Dimension	descriptiveSizeDimension	The textual representation of the size dimension specified by the size type. Choice of either Descriptive Size Dimension or Size Dimension.	String	70	1-1
Non-Pkg Size Dimensions - Language	languageISOCode	Indicates the ISO 639-1 language codes used in the Descriptive Measure. Mandatory when Descriptive Size Dimension is populated.			
Non-Pkg Size Dimensions - Size Dimension	sizeDimension	The numeric size measurement of the size dimension specified by the size type. Choice of either Descriptive Size Dimension or Size Dimension.	Numeric	15	0-1
Non-Pkg Size Dimensions - UOM	measurementUnitCodeValue	The Unit of measure for the Size Dimension. Mandatory when the Size Dimension is populated.			



Non-Pkg Size Dimensions - Size Type	sizeType	The size dimension being specified by the size measurement. LENGTH WIDTH WAIST INSEAM BACK CUP COLLAR SLEEVE ONE_DIMENSION CHEST_BUST HIPS OUTSIDE_LEG			0-m
Non-Pkg Size Dimensions - Size System	sizeSystem	The system being used to define the size dimension. AUSTRALIA US EUROPE JAPAN UK CONTINENTAL MEXICO			0-m



11.3 PARTIES

This section provides information on the Manufacturer, Brand Owner, Country of Origin and Country of Assembly, as well as providing any additional information on Private Parties that you may wish to send your data.

MAIN

The main section deals with the Brand, Manufacturer and Private party information.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Type		This is the type of party you are describing Either: Brand Owner, Manufacturer or Private Party Mandatory if any of the fields are populated for this section NOTE: Only ONE Brand Owner GLN is accepted			
Name		This is the name of either the Manufacturer or the Private Party listed Please NOTE: Brand Owner does not have space for a name in the GDSN XML	String	35	
GLN		A unique location number identifying the information owner. <i>eg. Distributor, broker, manufacture, franchisee.</i> This is not a third party service provider. The Purpose is to identify the originator of the data. <i>eg. Trade item A is available to Retailer B from Manufacturer C or Distributor D.</i> The retailer could receive information from both sellers and this field declares the information owner	Numeric	13	

GLOBAL LOCATION NUMBER (GLN) FINDER

The GLN finder enables you to search for desired trading partner’s *Global Location Number*, select the “GLN” button.

Possible descriptors to narrow down your search are *Global Location Number, Name, Province/State* and *Country*, there is, however, no minimum number of descriptors to enable the search. When you are satisfied with your descriptors, click the “Search” button below. By leaving the descriptors blank and clicking “Search”, you will be returned ALL category hierarchies. Please note that the results will not be displayed quickly due to the large amount of information loading if you leave the descriptors blank.



You can also search Vendors alphabetically; by clicking a lettered link all results beginning with that letter will populate the search results field.

When you have activated the **GLN Finder**, browse through the results shown in the search results field. To select a company click the "Use Selected" button in the bottom right hand corner. This will immediately populate the GLN field, and the company name fields. In order to save this you still need to select a "Type" and select the "Save" button.

Global Location Number (GLN) Finder

Search for Vendors using any combination of the search criteria. To view the entire list, leave all fields blank and click 'Search'.

Global Location Number: Prov / State:

Name: Country: CANADA

Search

Vendor by Alpha:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other

Name	Province	Country	GLN
There are no items to show in this view			

Page

Use Selected Use None Close



COUNTRIES

This section is used to describe the countries that your trade item was manufactured and assembled. This section could be important if there are any import and export limitations.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Country Type		This is the indicator that is used to describe either the country of Origin or Assembly. <ul style="list-style-type: none">• Country of Origin = The country code(s) in which the goods have been produced or manufactured, according to criteria established for the purposes of application of the value.• Country of Assembly = The country code(s) in which the goods have been assembled, according to criteria established for the purposes of application of the value. Mandatory if this section is used			0-m
Country Code		<ul style="list-style-type: none">• May or may not be presented on the trade item label• Based off the ISO 3166-1 Country Codes, 3 digit numeric codes (below is a sample list)			0-m



11.4 ORDERING

This section deals with information about a trading partner used for ordering, shipping and receiving.

MAIN

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Ordering UOM	orderingUnitOfMeasure	Indicates the unit of measure for ordering of the trade item.	String	70	0-1
Selling UOM	sellingUnitOfMeasure	Indicates the unit of measure for selling of the trade item.	String	70	0-1
First Delivery Date Time	firstDeliveryDateTme	The date on which the first delivery will take place, agreed upon by both parties.	Date	8	0-1
Size Based Pricing	isTradeItemSizeBasedPricing	Indicates whether the trade item price is dependant on the size of the trade item.	Boolean		0-1
Reorderable	isTradeItemReorderable	Indicates whether selected styles or trade items may or may not be re-ordered. Does not imply any information on current availability.	Boolean		0-1
Order Quantity - Minimum	orderQuantityMinimum	Indicates the minimum order quantity for a purchase order	Numeric	9	0-1
Order Quantity - Maximum	orderQuantityMaximum	Indicates the maximum order quantity for a purchase order	Numeric	9	0-1
Order Quantity - Multiple	orderQuantityMultiple	The order quantity multiples in which the trade item may be ordered. <i>Eg. If the Order Quantity Minimum is 100, and the Order Quantity Multiple is 20, then the trade item can only be ordered in quantities which are divisible by the Order Quantity Multiple 20</i>	Numeric	9	0-1
Agreed Buying Quantity - Maximum	agreedMaximumBuyingQuantity	The maximum buying quantity agreed upon by both parties.	Numeric	9	0-1



Agreed Buying Quantity - Minimum	agreedMinimumBuyingQuantity	The maximum buying quantity agreed upon by both parties.	Numeric	9	0-1
Lead Time - Ordering	orderingLeadTime	Indicates Ordering Lead Time. The normal delivery time measured from receipt of order by the seller until trade item is shipped by the seller.	Numeric	15	0-1
Lead Time - UOM	measurementUnitCodeValue	Indicates the unit of measure for Lead Time Ordering. Only valid Unit of Measure is Days. Mandatory if Ordering is populated.			1-1
Lead Time - Goods Pickup	goodsPickUpLeadTime	Indicates the unit of measure for Lead Time Ordering. Only valid Unit of Measure is Days. Mandatory if Ordering is populated.	Numeric	15	0-1
Lead Time - UOM	measurementUnitCodeValue	Indicates the unit of measure for Goods Pickup. Only valid Unit of Measure is Days. Mandatory if Goods Pickup is populated.			
Sizing Factors - Factor	orderSizingFactor	A trade item specification other than gross, net weight, or cubic feet for a line trade item or a transaction, used for order sizing and pricing purposes. <i>Eg. Factors may be used to cube a truck, reflecting different weights, and dimensions of trade item.</i>	Numeric	15	0-1
Sizing Factors - UOM	measurementUnitCodeValue	Indicates the unit of measure for Sizing Factor. Mandatory when Factor is populated.			1-1



HIERARCHY & PALLET INFO

This section is for your trade item Hierarchy leveling and Pallet information.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Complete Layers Contained In Item	quantityOfCompleteLayersContainedInTradeItem	Indicates the number of layers of the base trade item found in a trade item. Does not apply to the base trade item unit. Required for shipping units such as pallets that are GTIN marked.	Numeric	6	0-1
Layers Per Pallet	quantityOfLayersPerPallet	Indicates the number of layers of the trade item contained in a pallet. Used in hierarchal packaging structure of a trade item. Cannot be used for trade item base unit. Used for GTIN marked items.	Numeric	6	0-1
Inner Pack	quantityOfInnerPack	The amount of non-coded physical groupings, or inner packs, of next lower level of trade items within current GTIN Level For unmarked inner packs, like doorknobs that are separated by a sleeve.	Numeric	6	0-1
Next Level of Item Within Inner Pack	quantityOfNextLevelTradeItemWithinInnerPack	Quantity of the next level trade item within the inner pack. Indicates the number of next lower level trade items contained within the physical non-coded grouping (inner pack).	Numeric	3	0-1
Number of Items Per Pallet Layer	quantityOfTradeItemsPerPalletLayer	Indicates the number of trade items contained in a complete layer in the pallet. Used in hierarchical packaging structure of a trade item. Cannot be used for a trade item base unit. Used for GTIN marked items.	Numeric	6	0-1
Number of Items Per Pallet	quantityOfTradeItemsPerPallet	Indicates the number of trade items contained in a pallet. Used in hierarchical packaging structure of a trade item. Cannot be used for a trade item base unit. Used for GTIN marked items.	Numeric	6	0-1



Number of Items In Complete Layer	quantityOfTradeItemsContainedInACompleteLayer	Indicates the number of trade items contained in a complete layer of a higher packaging configuration. Used in hierarchical packaging structure of a trade item. Cannot be used for trade item base unit. Used for GTIN marked items.	Numeric	6	0-1							
Pallet Type Code*	palletTypeCode	Is an assigned code indicating the pallet type used for the trade item. No standardized code list, but GDSN does recommend the descriptions from X12 DE883 and EANCOM DE7065.	String	3	0-1							
Pallet Terms and Conditions*	palletTermsAndConditions	Indicates whether the pallet in the prescribed pallet configuration is rented, exchangeable, against a deposit or one way/non reusable. No Standard Code list currently, but GDSN suggest using the below: <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>No Exchange/No Return Pallet</td></tr> <tr><td>Exchange Pallets</td></tr> <tr><td>Return Pallets</td></tr> <tr><td>Pallets to be Purchased by Customer</td></tr> <tr><td>Pallet – Third Party Exchange</td></tr> <tr><td>One-way Pallet</td></tr> <tr><td>Returnable Pallet</td></tr> </table>	No Exchange/No Return Pallet	Exchange Pallets	Return Pallets	Pallets to be Purchased by Customer	Pallet – Third Party Exchange	One-way Pallet	Returnable Pallet	String	2	0-1
No Exchange/No Return Pallet												
Exchange Pallets												
Return Pallets												
Pallets to be Purchased by Customer												
Pallet – Third Party Exchange												
One-way Pallet												
Returnable Pallet												
Is Trade Item Packaged Irregularly	isTradeItemPackagedIrregularly	Indicates if Trade Item is packaged irregularly.	Boolean		0-1							



CHILD & REPLACEMENT INFO

This section contains information on the trade item's child items (GTINs contained in Trade Item) and old GTIN that this trade item may replace.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Child Trade Item(s) - GTIN		The contained GTINs in the trade item. The Global Trade Item Number is the recommended primary trade item identification. Repeatable Field. Mandatory if any Child Items.	Numeric	14	0-m
Child Trade Item(s) - Quantity		The number of items contained by the trade item identified in Child Item GTIN. Mandatory if sending GTIN .	Numeric	6	0-1
Replacement Trade Item ID - GTIN		Indicates the trade item identification of an item that is being permanently replaced by this trade item.	Numeric	14	0-1

HANDLING

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Minimum Life Span From Time of Production		The period of days, guaranteed by the manufacturer, before the expiration date of the product, based on the production.	Numeric	4	0-1
Minimum Life Span From Time of Arrival		The period of days, guaranteed by the manufacturer, before the expiration date of the trade item, based on arrival to a mutually agreed to point in the buyers distribution system.	Numeric	4	0-1
Opened Trade Item Lifespan	openedTradeItemLifespan	The number of days the trade item that had been opened can remain on the shelf and must then be removed.	Numeric		



Stacking Factor		Is the factor that determines the maximum stacking for the product. Indicates the number of levels the product may be stacked. Nesting increments would also need to be provided – addition dimension added when products are nested.	Numeric	6	0-1
Maximum Stacking Weight		The maximum admissible weight that can be stacked on the trade item. This will be used for transport or storage to allow user to know by weight how to stack different trade item one on top of the other.	Numeric	15	0-1
UOM	measurementUnit CodeValue	Indicates the unit of measure for the Maximum Stacking Weight. Mandatory when the Maximum Stacking Weight is populated.			
Clamp Pressure					
UOM	measurementUnit CodeValue				



Class Compliance Regulation Code(s) - Code		Indicates applicable regulation codes to which the trade item complies. Multiple allowed. COMPLIANT_WITH_STATE_ENVIRONMENT_REQUIREMENTS COMPLIANT_WITH_FLAMMABILITY_ACT COMPLIANT_WITH_FAIR_LABOR_STANDARDS_ACT COMPLIANT_WITH_FUR_PRODUCT_LABELING_ACT COMPLIANT_WITH_TEXTILE_FIBER_PRODUCT_IDENTIFICATION VOLATILE_ORGANIC_COMPOUND_COMPLIANT COMPLIANT_WITH_WOOL_PRODUCTS_LABELING_ACT BLUE_ANGEL ECO_LOGO ENERGY_STAR EPEAT_BRONZE EPEAT_GOLD EPEAT_SILVER EU_ECO_LABEL GREEN_SEAL NORDIC_SWAN TCO_DEVELOPMENT UNDERWRITERS_LABORATORY			
MSDS - Number	materialSafetyDataSheetNumber	The document that defines the safety precautions, storage and usage of certain chemical materials. Required by the Occupational Safety and Health Administration (OSHA) for materials and the supply chain, this is not a mandatory field in GDSN.	String	20	0-1
MSDS - File		This tool is in development and will most likely be utilized only for Trading Partner specific use. Please do not upload any MSDS files to the website unless specifically requested by a member of the CGS Support Team.			



Import IDs - Type		The Imports and exports classification codes. Repeatable Field. <table border="1"> <tr><td>CUSTOMS_TARIFF_NUMBER</td></tr> <tr><td>HARMONIZED_COMMODITY_DESCRIPTION_AND_CODING_SYSTEM</td></tr> <tr><td>HARMONIZED_TARIFF_SCHEDULE_OF_THE_US</td></tr> <tr><td>INTRASTAT</td></tr> <tr><td>INTRASTAT_COMBINED_NOMENCLATURE</td></tr> <tr><td>NETHERLANDS</td></tr> <tr><td>TARIF_INTEGRE_DE_LA_COMMUNAUTE</td></tr> </table>	CUSTOMS_TARIFF_NUMBER	HARMONIZED_COMMODITY_DESCRIPTION_AND_CODING_SYSTEM	HARMONIZED_TARIFF_SCHEDULE_OF_THE_US	INTRASTAT	INTRASTAT_COMBINED_NOMENCLATURE	NETHERLANDS	TARIF_INTEGRE_DE_LA_COMMUNAUTE			
CUSTOMS_TARIFF_NUMBER												
HARMONIZED_COMMODITY_DESCRIPTION_AND_CODING_SYSTEM												
HARMONIZED_TARIFF_SCHEDULE_OF_THE_US												
INTRASTAT												
INTRASTAT_COMBINED_NOMENCLATURE												
NETHERLANDS												
TARIF_INTEGRE_DE_LA_COMMUNAUTE												
Import IDs - Value		The Import classification value for the code listed in Import Identification Type. Repeatable Field.	String		0-m							
Consumer Usage Storage Instructions												
Consumer Usage Storage Instructions - Language	languageISOCode	Indicates the language used to describe the Consumer usages Storage Instructions. Based on the ISO 639-1 language codes.										
Handling Instructions Code - Code		Packaging Materials Code. The code identifying the packaging material of the trade item. Currently GDSN does not have a code list specified, we recommend the use of ANSI data element code list 103 as the code source. Repeatable Field.	String	5	0-m							
Handling Instructions Code - Language	languageISOCode	This is the language code for the Size Handling Instruction Code. Based on the ISO Language codes. Mandatory when Code populated.										



HAZARDOUS INFO

This section provides detailed hazardous information on your trade item.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Regulation Code		The regulation code of a trade item as outlined by the HAZMAT regulations. Repeatable Field.	String	3	0-m
Technical Name	technicalName	The technical name of any given hazardous material as outlined by the HAZMAT regulations.	String	20	0-1
Language	languageISOCode	The language used to describe the Technical Name. Based on the ISO 639-1 language codes.			1-1
Flash Temperature		The lowest temperature at which a substance gives off a sufficient vapor to support combustion. Repeatable Field.	Numeric	15	0-m
Flash Temperature UOM	measurementUnitCodeValue	The unit of measure for flash temperature measurement. Mandatory when Flash Temperature is populated.			
Hazardous Info Misc - Type		Select the Hazardous Type Code from the drop down list. ClassOfDangerousGoods MarginNumber HazardousCode PackingGroup ShippingName UNDangerousGoodsCode			
Dangerous Goods Classes	classOfDangerousGoods	The Dangerous goods classification of the item.	String	4	0-m
Margin Number	dangerousGoodsAMarginNumber	The European dangerous goods margin number of the trade item.	String	30	0-m
Packaging Group	dangerousGoodsPackingGroup	The IATA/IMDG/ADR/RID regulations codes associated with the trade item during transportation.	String	3	0-m



Shipping Name	dangerousGoodsShippingName	The Dangerous Goods Shipping name of the trade item.	String	200	0-m
UN Dangerous Goods Number	unitedNationsDangerousGoodsNumber	The number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods to classify a substance or particular groups of substances. Repeatable Field.	String	4	0-m
Hazardous Info Misc - Code		The code or description for the above Hazardous Type. See field lengths above.			



PACKAGING MARKING

This section deals with marks on the packaging of the trade item.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Is Package Marked with Ingredients	isPackagingMarkedWithIngredients	The ingredients of the trade item are displayed on the box/packaging.	Boolean		0-1
Is Package Marked with Offer on Pack	offerOnPack	Indicates whether there is a promotional offer displayed on the packaging of the trade item.	String	70	0-1
Recyclable Scheme	recyclableScheme	The package of the trade item marked to indicate under which scheme it is recyclable. Applies to recyclable packaging with or without deposit.	String	70	0-1
Is Price on Pack	isPriceOnPack	Indicates if the retail price is marked on the packaging.	Boolean		0-1



Diet Allergen	packageMarksDietAllergen	Indicates which diet allergens are displayed on the packaging. APPROVED_BY_ASTHMA_AND_ALLERGY ASSO C NYCKELHAL_MARK APPROVED_FOR_TUBE_FEEDING CONTAINS_PVC CONTAINS_PVC_WITH_PHTHALATES CONTAINS_PVC_WITHOUT_PHTHALATES DIET_PRODUCT_450_800_KCAL_PER_DAY DIET_PRODUCT_800_1200_KCAL_PER_DAY LACTASE_ENZYME MOTHERS_MILK_SUBSTITUTE NUTRITION_SUPPLEMENT LOW_ON_PHENYLALANINE LOW_ON_SUGAR CONTAINS_LATEX VEGETARIAN BIOLOGICAL GEZONDE_KEUZE_KLAVERTJE HALAL KOSHER IK_KIES_BEWUST CALORIES_PER_PORTION			0-m
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Environmental Marking	packageMarksEnvironment	<p>Indicates which environment marks are displayed on the packaging.</p> <table border="1"> <tr><td>EKO</td></tr> <tr><td>EU_ECO_LABEL</td></tr> <tr><td>EU_ORGANIC_FARMING</td></tr> <tr><td>FALKEN</td></tr> <tr><td>FOREST_STEWARDSHIP_COUNCIL_LABEL</td></tr> <tr><td>GMO_MARKED</td></tr> <tr><td>GREEN_DOT</td></tr> <tr><td>KRAV_MARK</td></tr> <tr><td>MARINE_STEWARDSHIP_COUNCIL_LABEL</td></tr> <tr><td>RAINFOREST_ALLIANCE</td></tr> <tr><td>SCHARRELELVLEES</td></tr> <tr><td>SVANEN</td></tr> <tr><td>SWEEDISH_SEAL_OF_QUALITY</td></tr> </table>	EKO	EU_ECO_LABEL	EU_ORGANIC_FARMING	FALKEN	FOREST_STEWARDSHIP_COUNCIL_LABEL	GMO_MARKED	GREEN_DOT	KRAV_MARK	MARINE_STEWARDSHIP_COUNCIL_LABEL	RAINFOREST_ALLIANCE	SCHARRELELVLEES	SVANEN	SWEEDISH_SEAL_OF_QUALITY			0-m
EKO																		
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MARINE_STEWARDSHIP_COUNCIL_LABEL																		
RAINFOREST_ALLIANCE																		
SCHARRELELVLEES																		
SVANEN																		
SWEEDISH_SEAL_OF_QUALITY																		
Ethical Marking	packageMarksEthical	<p>Indicates whether ethical markings or claims appear on the trade item packaging.</p> <table border="1"> <tr><td>FAIR_TRADE_MARK</td></tr> <tr><td>MAX_HAVELAAR</td></tr> <tr><td>UTZ_CERTIFIED</td></tr> </table>	FAIR_TRADE_MARK	MAX_HAVELAAR	UTZ_CERTIFIED			0-m										
FAIR_TRADE_MARK																		
MAX_HAVELAAR																		
UTZ_CERTIFIED																		
Expiration Date Type	packagingMarkedExpirationDateType	<p>Indicates the type of expiration date marked on the packaging. Repeatable Field.</p> <table border="1"> <tr><td>BEST_BEFORE_DATE</td></tr> <tr><td>EXPIRY_DATE</td></tr> </table>	BEST_BEFORE_DATE	EXPIRY_DATE			0-1											
BEST_BEFORE_DATE																		
EXPIRY_DATE																		



Free From Marking	packageMarksFreeFrom	<p>Indicates the food ingredients that the package is marked free from.</p> <p>FREE_FROM_GLUTEN FREE_FROM_LACTOSE REDUCED_LACTOSE FREE_FROM_MILK_PROTEIN FREE_FROM_SOYA FREE_FROM_PEAUNTS FREE_FROM_EGG FREE_FROM_SUGAR FREE_FROM_FISH FREE_FROM_LATEX FREE_FROM_LEGUME_PROTEIN FREE_FROM_MILK FREE_FROM_NATURAL_GLUTEN FREE_FROM_PROTEIN FREE_FROM_PVC REDUCED_PROTEIN WITHOUT_ADDED_SUGAR WITHOUT_ADDED_SWEETENER</p>			0-m		
Hygienic	packageMarksHygienic	<p>An indication of which hygiene markings are present in the product package. Hygiene markings are defined as those related to packaging conditions or practices intended to the preservation or promotion of health.</p> <table border="1" data-bbox="934 1133 1220 1214"> <tr> <td>EXTREMELY_CLEAN</td> </tr> <tr> <td>STERILE</td> </tr> </table>	EXTREMELY_CLEAN	STERILE			0-m
EXTREMELY_CLEAN							
STERILE							
Package Marks - Value		The value is dependant on the type you have selected above see lists above.					



PACKAGING MATERIAL

This section provides information on your trade item’s packaging materials.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Agency*		The agency or agencies that maintain the Trade Item Material Codes, this may include a specific code list. Mandatory when Code is populated. UN/CEFACT EAN—UCC maintained Packaging	String	35	0-1
Code*		The code identifying the type of package used as a container of the trade item. No standardized code list currently, but GDSN recommends using either the UN/CEFACT – Recommendation 21 or EANUCC maintained Packaging Material code list. Mandatory if Packaging Material Section is populated.	String	3	0-1



Terms & Conditions*	packagingTermsAndConditions	<p>Indicates whether the packaging given in the described packaging configuration is rented, exchangeable, against deposit or one way/non reusable. No standardized code list currently, but GDSN suggests the use the below list based on EANCOM 7073, X12 DE102 and X12 DE399.</p> <table border="1"> <tr><td>Packaging Cost Paid by Supplier</td></tr> <tr><td>Packaging Cost Paid by Recipient</td></tr> <tr><td>Packaging Cost Not Charged (Returnable)</td></tr> <tr><td>Safe Return Deposit</td></tr> <tr><td>Not Reusable</td></tr> <tr><td>Package Exchangeable at POD</td></tr> <tr><td>Repack In</td></tr> <tr><td>Unpack From</td></tr> <tr><td>Pack in</td></tr> <tr><td>Rented</td></tr> <tr><td>Labeled</td></tr> </table>	Packaging Cost Paid by Supplier	Packaging Cost Paid by Recipient	Packaging Cost Not Charged (Returnable)	Safe Return Deposit	Not Reusable	Package Exchangeable at POD	Repack In	Unpack From	Pack in	Rented	Labeled			0-1
Packaging Cost Paid by Supplier																
Packaging Cost Paid by Recipient																
Packaging Cost Not Charged (Returnable)																
Safe Return Deposit																
Not Reusable																
Package Exchangeable at POD																
Repack In																
Unpack From																
Pack in																
Rented																
Labeled																
Deposit Value Start Date	depositValueEffectiveDate	The first date that the deposit value is valid for the deposit code.	Date	8	0-1											
Deposit Value End Date	depositValueEndDate	The last date the deposit value is valid for the deposit code.	Date	8	0-1											
Description	packagingMaterialDescription	Describes the type of packaging used for the trade item. Description code value based on code list ANSI data element code list 103 (packaging code). Mandatory if Packaging Material Section is populated.	String	35	0-1											
Description Language	languageISOCode	The language used to describe the Description. Based on the ISO 639-1 language codes. Mandatory when Description is populated.			1-1											



Material Composition - Quantity	packagingMaterialCompositionQuantity	The quantity of the packaging of the trade item. Can be: weight, volume or surface. Mandatory when Code is populated.	Numeric	15	0-1
Material Composition - Quantity UOM	measurementUnitCodeValue	The unit of measure for Packaging Materials Composition Quantity. Only valid UOM of this field is P1 = Percent. Mandatory when Quantity Populated.			1-1
Returnable Package Deposit - Code	returnablePackageDepositCode	Indicates the deposit code of the trade item. Each deposit code is associated with an amount.	String	14	0-1
Returnable Package Deposit - Amount	returnablePackageDepositAmount	The deposit amount upon return of the packaging materials.	Numeric	21	0-1
Returnable Package Deposit - Currency	currencyISOCODE	The currency code used for returnable package deposit amount. Mandatory when the Deposit Amount is populated. Based on the ISO 4217 Currency Codes.			1-1



PACKAGING TYPE

This section deals with the type of packaging used for your trade item.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality						
Packaging Type - Code*	packagingTypeCode	The code identifying the type of package used as a container of the trade item. GDSN currently does not have a mandatory for the Packaging Type Codes; GDSN would prefer the use of ANSI DE 103 or EANCOM DE 7065 codes. Mandatory when Packaging Type Section used. <table border="1" style="margin-left: 40px;"> <tr><td>BAG</td></tr> <tr><td>CASE</td></tr> <tr><td>ONE_WAY_PALLET</td></tr> <tr><td>PACKAGE</td></tr> <tr><td>RETURNABLE_PALLET</td></tr> <tr><td>ROLL_CAGE</td></tr> </table>	BAG	CASE	ONE_WAY_PALLET	PACKAGE	RETURNABLE_PALLET	ROLL_CAGE	String	3	0-1
BAG											
CASE											
ONE_WAY_PALLET											
PACKAGE											
RETURNABLE_PALLET											
ROLL_CAGE											
Packaging Type - Description	packagingTypeDescription	Describes of the type of packaging used for the trade item.	String	35	0-1						
Packaging Type - Weight	packagingWeight	Used to identify the measurement of the packaging weight of the trade item.	Numeric		0-1						
Packaging Type Weight - UOM	measurementUnitCodeValue	The unit of measure for Packagin Type Weight. Mandatory when Minimum to DC populated.			1-1						

SECURITY TAG

This section provides information regarding EAS tags.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
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Security Tag Location	securityTagLocation	Indicates where the EAS tag is located on the trade item. <table border="1"> <tr><td>CONCEALED_INSIDE_THE_TRADE_ITEM</td></tr> <tr><td>INTEGRATED_INSIDE_OF_TRADE_ITEM</td></tr> <tr><td>ON_OUTSIDE_OF_TRADE_ITEM</td></tr> </table>	CONCEALED_INSIDE_THE_TRADE_ITEM	INTEGRATED_INSIDE_OF_TRADE_ITEM	ON_OUTSIDE_OF_TRADE_ITEM			0-1		
CONCEALED_INSIDE_THE_TRADE_ITEM										
INTEGRATED_INSIDE_OF_TRADE_ITEM										
ON_OUTSIDE_OF_TRADE_ITEM										
Security Tag Type	securityTagType	The type of EAS tag located on the trade item. <table border="1"> <tr><td>ACOUSTO_MAGNETIC_EAS_TAG</td></tr> <tr><td>ELECTRO_MAGNETIC_EAS_TAG</td></tr> <tr><td>INK_OR_DYE_EAS_TAG</td></tr> <tr><td>MICROWAVE_EAS_TAG</td></tr> <tr><td>RADIO_FREQUENCY_EAS_TAG</td></tr> </table>	ACOUSTO_MAGNETIC_EAS_TAG	ELECTRO_MAGNETIC_EAS_TAG	INK_OR_DYE_EAS_TAG	MICROWAVE_EAS_TAG	RADIO_FREQUENCY_EAS_TAG			0-1
ACOUSTO_MAGNETIC_EAS_TAG										
ELECTRO_MAGNETIC_EAS_TAG										
INK_OR_DYE_EAS_TAG										
MICROWAVE_EAS_TAG										
RADIO_FREQUENCY_EAS_TAG										

TEMPERATURE INFO

This section provides temperature sensitive information on your product

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Delivery Temperatures - Maximum To DC	deliveryToDistributionCenterTemperatureMaximum	The maximum temperature at which the trade item can be delivered to a DC.	Numeric	15	0-1
Delivery Temperatures - UOM	measurementUnitCodeValue	The unit of measure for Maximum To DC Temperature. Mandatory when Maximum to DC populated.			1-1
Delivery Temperatures - Minimum To DC	deliveryToDistributionCenterTemperatureMinimum	The minimum temperature at which the trade item can be delivered to a DC.	Numeric	15	0-1
Delivery Temperatures - UOM	measurementUnitCodeValue	The unit of measure for Minimum To DC Temperature. Mandatory when Minimum to DC populated.			1-1



Delivery Temperatures - Maximum To Market	deliveryToMarketTemperatureMaximum	The maximum temperature of the trade item during delivery to market.	Numeric	15	0-1
Delivery Temperatures - UOM	measurementUnitCodeValue	The unit of measure for Maximum To Market Temperature. Mandatory when Maximum To Market populated.			1-1
Delivery Temperatures - Minimum To Market	deliveryToMarketTemperatureMinimum	The minimum temperature of the trade item during delivery to market.	Numeric	15	0-1
Delivery Temperatures - UOM	measurementUnitCodeValue	The unit of measure for Minimum To Market Temperature. Mandatory when Minimum to Market populated.			1-1
Delivery Temperatures - Maximum Handling	storageHandlingTemperatureMaximum	Storage Handling Temperature Maximum. Indicates the maximum temperature at which the trade item can be stored.	Numeric	15	0-1
Delivery Temperatures - UOM	measurementUnitCodeValue	The unit of measure for Maximum Handling Temperature. Mandatory when Maximum Handling populated.			1-1
Delivery Temperatures - Minimum Handling	storageHandlingTemperatureMinimum	Storage Handling Temperature Minimum. Indicates the minimum temperature at which the trade item can be stored.	Numeric	15	0-1
Delivery Temperatures - UOM	measurementUnitCodeValue	The unit of measure for Minimum Handling Temperature. Mandatory when Minimum Handling populated.			1-1



Storage Handling Humidity - Maximum	storageHandlingHumidityMaximum	The maximum temperature at which the trade item can be stored.	Numeric	15	0-1
Storage Handling Humidity - UOM	measurementUnitCodeValue	The unit of measure for Maximum Storage Handling Humidity. Mandatory when Maximum populated.			1-1
Storage Handling Humidity - Minimum	storageHandlingHumidityMinimum	The minimum temperature at which the trade item can be stored.	Numeric	15	0-1
Storage Handling Humidity - UOM	measurementUnitCodeValue	The unit of measure for Minimum Storage Handling Humidity. Mandatory when Minimum populated.			1-1

11.5 ALLOWANCE/CHARGE/PAYMENT

This section provides information on Allowances/Charges, Taxes Information along with Payment Terms.

MAIN

Provides general Allowance/Charge information on a trade item, this section is mandatory if you are providing information on allowances or charges.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
ID Number		This is the number you assign to an Allowance/Charge code. Used to link allowance/charge information as it runs through a couple of tables. Mandatory when Allowance or Charge information is provided. Each new allowance or charge should receive its own unique ID number.			



Type		Indicates if the following information concerns an allowance or a charge. Mandatory when Allowance or Charge information is provided. The following list values are accepted: CHARGE ALLOWANCE			
Sequence Number		The order in which the taxes are to be calculated.	Numeric	2	
Allowance/Charge Type		Describes the type of allowance or charge. The following list values are accepted: ALLOWANCE_GLOBAL CHARGE_GLOBAL CONSOLIDATED FLAT_RATE FREE_GOODS FREIGHT_COSTS INSURANCE_CHARGE LUMP_SUM MARKUP_FOR_SMALL_VOLUME_PURCHASES PACKING_CHARGES			
Settlement Type		The form in which the allowance/charge will be settled. Mandatory when Allowance or Charge information is provided. The following list values are accepted: BILL_BACK OFF_INVOICE VENDOR_CHECK CREDIT_CUSTOMER_ACCOUNT CHARGE_TO_BE_PAID_BY_VENDOR CHARGE_TO_BE_PAID_BY_CUSTOMER VENDOR_ACCRUALS ITEM_ACCRUALS			



Effective Date Type		<p>The effective date, previously assigned by which the allowance/charge settlement should be paid. The following list values are accepted:</p> <table border="1" data-bbox="898 456 1255 737"> <tr><td>EFFECTIVE_DATE</td></tr> <tr><td>EXPIRATION_DATE</td></tr> <tr><td>FIRST_ARRIVAL_DATE</td></tr> <tr><td>FIRST_ORDER_DATE</td></tr> <tr><td>FIRST_SHIP_DATE</td></tr> <tr><td>LAST_ARRIVAL_DATE</td></tr> <tr><td>LAST_ORDER_DTAE</td></tr> <tr><td>LAST_SHIP_DATE</td></tr> </table>	EFFECTIVE_DATE	EXPIRATION_DATE	FIRST_ARRIVAL_DATE	FIRST_ORDER_DATE	FIRST_SHIP_DATE	LAST_ARRIVAL_DATE	LAST_ORDER_DTAE	LAST_SHIP_DATE			
EFFECTIVE_DATE													
EXPIRATION_DATE													
FIRST_ARRIVAL_DATE													
FIRST_ORDER_DATE													
FIRST_SHIP_DATE													
LAST_ARRIVAL_DATE													
LAST_ORDER_DTAE													
LAST_SHIP_DATE													

MONETARY AMOUNT OR %

This section provides the amount, percentage, measurement or rate per unit for an allowance or charge on a trade item. Mandatory when the allowance and charge information is sent.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
ID Number		Select the ID Number to associate your Allowance or Charge with the information provided on the main screen. Used to link allowances/charge information as it runs through a couple of tables. Mandatory when Allowance or Charge information is provided.			0-m
Amount		The monetary amount of the allowance/charge. Note you must send either an Amount, Percentage, Measurement Value or Rate Per Unit for each Monetary Amount or Percentage entry, not all.	Numeric		



Currency	currencyISOCode	The code indicating the currency used. Mandatory when the Amount is populated. Based on the ISO 4217 Currency Codes.			
Percentage		The percentage of the amount applied for the allowance/charge. Note you must send either an Amount, Percentage, Measurement Value or Rate Per Unit for each Monetary Amount or Percentage entry, not all.	Numeric	5	
Measurement		The measurement of the unit for use in allowance/charge information. Note you must send either an Amount, Percentage, Measurement Value or Rate Per Unit for each Monetary Amount or Percentage entry, not all.	Numeric	15	
UOM	measurementUnitCodeValue	The Unit of Measure for measurement. Mandatory when the measurement is populated.			
Rate/Unit		Indicates the monetary amount per unit, as a measurement such as quantity, weight, dimension, or as a percentage per unit. Note you must send either an Amount, Percentage, Measurement Value or Rate Per Unit for each Monetary Amount or Percentage entry, not all.	Numeric	15	
Rate/Unit – Amount		Allowance/charge per unit expressed as an amount.	Numeric		
Rate/Unit – Currency	currencyISOCode	The code indicating the currency used. Mandatory when the Rate Per Unit – Amount is populated. Based on the ISO 4217 Currency Codes.			
Rate/Unit – Percentage		Allowance/Charge per unit expressed as a percentage.	Numeric	5	
Rate/Unit – Measurement		The allowance/charge rate per unit defined as a measurement.	Numeric	15	
Rate/Unit – UOM	measurementUnitCodeValue	The Unit of Measure for measurement. Mandatory when the Rate Per Unit – Measurement is populated.			



BASE AMOUNT

This section is optional and describes the base on which the allowance and charge is to be calculated.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
ID Number		Select the ID Number to associate your Allowance or Charge with the information provided on the main screen. Used to link allowances/charge information as it runs through a couple of tables. Mandatory when the Base Amount section is sent.			
Amount		The monetary amount of the allowance/charge. Please note either an Amount, Percentage, Measurement Value or Rate Per Unit is sent for each Base Amount entry, not all.	Numeric		
Currency	currencyISOCode	The code indicating the currency used. Mandatory when the Amount is populated. Based on the ISO 4217 Currency Codes.			
Percentage		The percentage of the amount applied for the allowance/charge. Please note either an Amount, Percentage, Measurement Value or Rate Per Unit is sent for each Base Amount entry, not all.	Numeric	5	
Measurement		The measurement of the unit for use in allowance/charge information. Please note either an Amount, Percentage, Measurement Value or Rate Per Unit is sent for each Base Amount entry, not all.	Numeric	15	
UOM	measurementUnitCodeValue	The Unit of Measure for measurement. Mandatory when Measurement is populated.			
Rate/Unit		The monetary amount per unit, as a measurement such as quantity, weight, dimension, or as a percentage per unit.	Numeric	15	
Rate/Unit – Amount		Allowance/charge per unit expressed as an amount.	Numeric		



Rate/Unit Currency	currencyISOCode	The code indicating the currency used. Mandatory when the Rate Per Unit - Amount is populated. Based on the ISO 4217 Currency Codes.			
Rate/Unit - Percentage		Allowance/charge per unit expressed as a percentage.	Numeric	5	
Rate/Unit - Measurement		The allowance/charge rate per unit defined as a measurement.	Numeric	15	
Rate/Unit - UOM	measurementUnitCodeValue	The Unit of Measure for Measurement. Mandatory when the Rate Per Unit - Measurement is populated.			

BRACKETS & DESCRIPTIONS

This section provides the Allowance or charge price bracket and description information.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Price Brackets - ID Number		Select the ID Number to associated your Allowance or Charge with the information provided on the main screen. Used to link allowances/charge information as it runs through a couple of tables. Mandatory when the Base Amount section is sent.			
Price Brackets - Bracket ID		Indicates Price Bracket for item.	String	80	0-m
Descriptions - ID Number		This is the number you assign to an Allowance/Charge code. Used to link allowances/charge information as it runs through a couple of tables. Mandatory when the Base Amount section is sent. This should be the same number listed in the ID Number under Main to link.			
Descriptions - Description		A text explanation of the allowance or charge.	String	70	



Descriptions – Language	languageISOC code	The language code for the A/C description. Mandatory when the Description is populated. Based on the ISO 639-1 language codes.			
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PAYMENT TERMS

This section describes the payment terms associated with your trade item.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality																	
Payment Terms Type		<p>Indicates the specific payment terms for order. Mandatory when Payment Terms sent. The following list values are accepted:</p> <table border="1"> <tr><td>BASIC_NET</td></tr> <tr><td>BASIC_DISCOUNT_OFFERED</td></tr> <tr><td>DEFERRED</td></tr> <tr><td>DISCOUNT</td></tr> <tr><td>DISCOUNT_AFTER_DEDUCTING_FREIGHT</td></tr> <tr><td>DISCOUNT_NOT_APPLICABLE</td></tr> <tr><td>ELECTIVE</td></tr> <tr><td>END_OF_MONTH</td></tr> <tr><td>EXTENDED</td></tr> <tr><td>FIXED_DATE</td></tr> <tr><td>INSTANT</td></tr> <tr><td>MIXED</td></tr> <tr><td>NO_CHARGE</td></tr> <tr><td>PAYMENT_BY_INSTALLMENT</td></tr> <tr><td>PREVIOUSLY_AGREED_UPON</td></tr> <tr><td>PROXIMO</td></tr> <tr><td>VALUTA</td></tr> </table>	BASIC_NET	BASIC_DISCOUNT_OFFERED	DEFERRED	DISCOUNT	DISCOUNT_AFTER_DEDUCTING_FREIGHT	DISCOUNT_NOT_APPLICABLE	ELECTIVE	END_OF_MONTH	EXTENDED	FIXED_DATE	INSTANT	MIXED	NO_CHARGE	PAYMENT_BY_INSTALLMENT	PREVIOUSLY_AGREED_UPON	PROXIMO	VALUTA			
BASIC_NET																						
BASIC_DISCOUNT_OFFERED																						
DEFERRED																						
DISCOUNT																						
DISCOUNT_AFTER_DEDUCTING_FREIGHT																						
DISCOUNT_NOT_APPLICABLE																						
ELECTIVE																						
END_OF_MONTH																						
EXTENDED																						
FIXED_DATE																						
INSTANT																						
MIXED																						
NO_CHARGE																						
PAYMENT_BY_INSTALLMENT																						
PREVIOUSLY_AGREED_UPON																						
PROXIMO																						
VALUTA																						



Payment Terms Event		<p>Indicates the event with which payment terms will coincide. Mandatory when Payment Terms sent. The following list values are accepted:</p> <table border="1"> <tr><td>AFTER_DATE_OF_DELIVERY</td></tr> <tr><td>ANTICIPATED_DELIVERY_DATE</td></tr> <tr><td>DATE_INVOICE_RECEIVED</td></tr> <tr><td>DATE_OF_DELIVERY_TO_SITE</td></tr> <tr><td>DATE_OF_INVOICE</td></tr> <tr><td>DATE_OF_SHIPMENT_AS_EVIDENCED_BY_TRANSPORT_DOCUMENTS</td></tr> <tr><td>EFFECTIVE_DATE</td></tr> <tr><td>INVOICE_TRANSMISSION_DATE</td></tr> <tr><td>PRIOR_TO_DATE_OF_DELIVERY</td></tr> <tr><td>RECEIPT_OF_GOODS</td></tr> </table>	AFTER_DATE_OF_DELIVERY	ANTICIPATED_DELIVERY_DATE	DATE_INVOICE_RECEIVED	DATE_OF_DELIVERY_TO_SITE	DATE_OF_INVOICE	DATE_OF_SHIPMENT_AS_EVIDENCED_BY_TRANSPORT_DOCUMENTS	EFFECTIVE_DATE	INVOICE_TRANSMISSION_DATE	PRIOR_TO_DATE_OF_DELIVERY	RECEIPT_OF_GOODS			
AFTER_DATE_OF_DELIVERY															
ANTICIPATED_DELIVERY_DATE															
DATE_INVOICE_RECEIVED															
DATE_OF_DELIVERY_TO_SITE															
DATE_OF_INVOICE															
DATE_OF_SHIPMENT_AS_EVIDENCED_BY_TRANSPORT_DOCUMENTS															
EFFECTIVE_DATE															
INVOICE_TRANSMISSION_DATE															
PRIOR_TO_DATE_OF_DELIVERY															
RECEIPT_OF_GOODS															
Proximo Cut Off Day		The day on which the payment will be cut off in the next month.	Numeric	2											
Payment Type - Type		<p>Indicates the type of payment you will be describing. Net Payment, Installment Payment or Discount Payment. Mandatory when Payment Terms sent.</p> <p>Net Payment Installment Payment Discount Payment</p>			0-m										
Payment Type - Day of Month		This is the day of month which the payment is due. Either Day of Month, Date or Time Period is required.													
Payment Type - Date		This is the date which the payment is due. Either Day of Month, Date or Time Period is required.													
Payment Type - Time Period		This is the time period which the payment is due. Either Day of Month, Date or Time Period is required.													
Payment Type - Discount Type		A code that specifies the type of payment discount. Mandatory when Discount Payment is populated.	String	80											
Payment Type - Discount Description		Describes the discount in text form.	String	80											



Payment Type - Language	languageISOC ode	The ISO language code used to describe the Discount Description. Mandatory when the Discount Description is populated.								
Payment Type - Installment % Due		The percentage of the installment payment which is due by the cut-off date. Mandatory if Type = Installment Payments.	Numeric	5						
Automated Clearing House Payment		A predefined list of values that identify the format used when payment is made through an automated clearing house. The following list values are accepted: <table border="1" data-bbox="989 621 1167 795"><tr><td>CCD</td></tr><tr><td>CCP</td></tr><tr><td>CTX</td></tr><tr><td>PPD</td></tr><tr><td>PPP</td></tr></table>	CCD	CCP	CTX	PPD	PPP			
CCD										
CCP										
CTX										
PPD										
PPP										



Payment Method Type		A predefined list that identifies a method of payment. The following list values are accepted: <table border="1" data-bbox="865 391 1287 1089"><tr><td>BANK_GIRO</td></tr><tr><td>BANKERS_DRAFT</td></tr><tr><td>BANK_CHEQUE</td></tr><tr><td>BOOKENTRY_CREDIT</td></tr><tr><td>BOOKENTRY_DEBIT</td></tr><tr><td>BOP</td></tr><tr><td>CASH</td></tr><tr><td>CERTIFIED_CHEQUE</td></tr><tr><td>CHEQUE</td></tr><tr><td>CREDIT_CARD</td></tr><tr><td>DEBIT_CARD</td></tr><tr><td>ELECTRONIC_CREDIT_ACH</td></tr><tr><td>ELECTRONIC_DEBIT_ACH</td></tr><tr><td>FED_WIRE_NON_REPETITIVE</td></tr><tr><td>FED_WIRE_REPETITIVE</td></tr><tr><td>INTERNATIONAL_WIRE</td></tr><tr><td>LETTER_OF_CREDIT</td></tr><tr><td>POSTGIRO</td></tr><tr><td>WIRE_TRANSFER_CREDIT</td></tr><tr><td>WIRE_TRANSFER_DEBIT</td></tr></table>	BANK_GIRO	BANKERS_DRAFT	BANK_CHEQUE	BOOKENTRY_CREDIT	BOOKENTRY_DEBIT	BOP	CASH	CERTIFIED_CHEQUE	CHEQUE	CREDIT_CARD	DEBIT_CARD	ELECTRONIC_CREDIT_ACH	ELECTRONIC_DEBIT_ACH	FED_WIRE_NON_REPETITIVE	FED_WIRE_REPETITIVE	INTERNATIONAL_WIRE	LETTER_OF_CREDIT	POSTGIRO	WIRE_TRANSFER_CREDIT	WIRE_TRANSFER_DEBIT			
BANK_GIRO																									
BANKERS_DRAFT																									
BANK_CHEQUE																									
BOOKENTRY_CREDIT																									
BOOKENTRY_DEBIT																									
BOP																									
CASH																									
CERTIFIED_CHEQUE																									
CHEQUE																									
CREDIT_CARD																									
DEBIT_CARD																									
ELECTRONIC_CREDIT_ACH																									
ELECTRONIC_DEBIT_ACH																									
FED_WIRE_NON_REPETITIVE																									
FED_WIRE_REPETITIVE																									
INTERNATIONAL_WIRE																									
LETTER_OF_CREDIT																									
POSTGIRO																									
WIRE_TRANSFER_CREDIT																									
WIRE_TRANSFER_DEBIT																									



TAX INFORMATION

This section provides any information on taxes that would be associated with your trade item, may be Target Market dependant.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Amount		The amount in dollars of a tax charge. If sending tax information either an Amount or Percentage is required.			
Currency	currencyISOCode	The code indicating the currency used. Mandatory when Amount is populated. Based on the ISO 4217 Currency Codes.			
Agency Code		The organization which maintains the tax type codes. Mandatory if you are sending tax information.	String	3	
Tax Code		Indicates the location that forms the basis for a tax (<i>eg. Shipping location</i>). No standardized code list, Commport recommends the use of the ASC X12 Standards, element ID 963. Mandatory if tax information is sent.	String	14	
Description		Describes the tax factor the brand owner wishes to communicate to the consumer.	String	35	



11.6 MARKETING

This section provides information on any promotional/marketing and seasonal product availability.

MAIN

This section is for the Marketing and promotional information.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Marketing Campaign Start Date	campaignStartDate	The start date of the intended marketing campaign for the trade item. (MM/DD/YYYY).	Date	8	0-1
Marketing Campaign End Date	campaignEndDate	The end date of the intended marketing campaign for the trade item. (MM/DD/YYYY).	Date	8	0-1
Marketing Campaign Name	campaignName	The chosen name of the trade item marketing campaign.	String	70	0-1
Language	languageISOCode	The language used to describe the Marketing Campaign Name. Mandatory when the Marketing CampaignName is populated. Based on the ISO 639-1 language codes.			1-1
Marketing Message	tradeItemMarketingMessage	Is a free form text option for a chosen marketing campaign message for the trade item.	String	1000	0-1
Language	languageISOCode	Indicates the language used to describe the Marketing Message. Mandatory when the Marketing Message is populated. Based on the ISO 639-1 language codes.			1-1
Target Consumer Age	consumerAge	The target consumer age for the trade item in regards to marketing and sales.	String	70	0-1
Language	languageISOCode	Indicates the language used to describe the Target Consumer Age. Mandatory when the Target Consumer Age is populated. Based on the ISO 639-1 language codes.			1-1



Target Consumer Gender	targetConsumerGender	The target consumer gender for the trade item in regards to marketing and sales. The following list values are accepted: <table border="1" style="margin-left: 40px;"> <tr><td>MALE</td></tr> <tr><td>FEMALE</td></tr> <tr><td>UNISEX</td></tr> </table>	MALE	FEMALE	UNISEX			0-1
MALE								
FEMALE								
UNISEX								
Market Special Items – Special Items Code	specialItemCode	Identifies specific items for promotional or special tracking purposes. COLLATERAL_ITEM GIFT_WITH_PURCHASE PURCHASE_WITH_PURCHASE DYNAMIC_ASSORTMENT NOT_FOR_RESALE_TO_CONSUMER			0-m			
Market Feature Benefits - Feature Benefits	tradeItemFeatureBenefit	This element describes the key features or benefits of the style suitable for display purposes.	String	70	0-m			
Market Feature Benefits - Language	languageISOCODE	Indicates the language used to describe the Feature Benefits. Mandatory when the Feature Benefits is populated. Based on the ISO 639-1 language codes.			1-m			

SEASONAL

This section deals with the seasonal information on a product.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Seasonal Availability - Start Date	seasonalAvailabilityStartDate	The date on which the seasonal trade item becomes available for sale. (MM/DD/YYYY).	Date	8	0-1
Seasonal Availability – End Date	seasonalAvailabilityEndDate	The date on which the seasonal trade item becomes unavailable. (MM/DD/YYYY).	Date	8	0-1
Seasonal Name – Name	seasonName	Describes the season applicable to the item. (eg. Fall).	String	70	0-m



Seasonal Name - Language	languageISOC ode	Indicates the language used to describe the Seasonal Name. Mandatory when the Name is populated. Based on the ISO 639-1 language codes.			1-m					
Seasonal Name - Year	seasonCalend arYear	Indicates the calendar year in which the trade item is seasonally available. (YYYY)	Numeric	4	0-m					
Seasonal Parameters - Parameters	seasonParame ter	The season in which the trade item is available. The following list values are accepted: <table border="1" style="margin-left: 20px;"> <tr><td>SPRING</td></tr> <tr><td>SUMMER</td></tr> <tr><td>AUTUMN</td></tr> <tr><td>WINTER</td></tr> <tr><td>ALL_YEAR</td></tr> </table>	SPRING	SUMMER	AUTUMN	WINTER	ALL_YEAR			0-m
SPRING										
SUMMER										
AUTUMN										
WINTER										
ALL_YEAR										

WARRANTY

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Warranty Effective Date Type	warrantyEffectiveDateType	Indicates the warranty effective date type.	String	70	0-1
Warranty Type	warrantyType	Indicates the warranty type.	String	70	0-1
Warranty Description	description	Indicates the description of the warranty.	String	2500	0-m
Language	languageISOC ode	Indicates the language used to describe the Warranty Description. Mandatory when the Warranty Description is populated. Based on the ISO 639-1 language codes.			0-m
Warranty Constraint	warrantyConstraint	Indicates the warranty constraints.	String	35	0-m
Warranty Duration	warrantyDuration	Indicates the duration of the warranty.	Numeric	15	0-1
UOM	measurementUnitCodeValue	Indicates the UOM for the Warranty Duration. Mandatory when the Warranty Duration is populated.			0-m



EXTERNAL INFO

This section to reference information on a product that is external to the GDSN.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Type of Information	TypeOfInformation	Indicates the type of external information. MARKETING_INFORMATION OTHER_EXTERNAL_INFORMATION PRODUCT_IMAGE PRODUCT_LABEL_IMAGE PLANOGRAM WARRANTY_INFORMATION			0-m
File Name	filename	Indicates the file name.	String	70	0-m
Content Description	contentDescription	Indicates the description of the content of the external information.	String	70	0-m
Content Description Language	languageISOCode	Indicates the language used to describe the Content Description based on the ISO 639-1 language codes. Mandatory if Content Description is populated.			1-1
File Format Description	fileFormatDescription	Indicates the file format description.	String	70	0-m
File Format Description Language	languageISOCode	Indicates the language used to describe the File Format Description based on the ISO 639-1 language codes. Mandatory if File Format Description is populated.			1-1
File Format Name	fileFormatName	Indicates the file format name.	String	10	0-m
URI/URL	uniformResourceIdentifier	Indicates the Uniform Resource Identifier (URI) or Uniform Resource Location (URL).	String	512	0-m
Start Date	fileEffectiveStartDate	Indicates the file effective start date.	Date	8	0-1
End Date	fileEffectiveEndDate	Indicates the file effective end date.	Date	8	0-1



11.7 Extension And TP Specific

This section enables users to provide information for GDSN Approved Extensions, or for Trading Partner Specific information, that is not yet a part of the GDSN message standards.

AVP

The AVP section will allow you to provide addition identifiers about your product that are not standard within the GDSN.

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Attribute		This Attribute further defines the product outside of the Brick classification. Please see http://gdd.gs1.org/GDD/public/avp.asp for more information about the AVP extension.			
Value		Value to correspond with the previous Attribute provided. For every attribute selected you must provide a value.			

11.8 Sustainability Info

This section enables users to provide environmental and sustainability information on their trade item.

Main

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Is Item Universal Waste?	isTradeItemUniversalWaste	Indicates if the Trade Item is universal waste. FALSE Not Applicable TRUE Unspecified			0-1
Is Item Rigid Plastic Packaging Container?	isTradeItemRigidPlasticContainer	Indicates if the Trade Item is packaged in a rigid plastic container. FALSE Not Applicable TRUE Unspecified			0-1



Is Item Consumer Upgradeable or Maintainable?	isTradeItemConsumerUpgradeableOrMaintainable	Indicates if the Trade Item is upgradeable or maintainable by the consumer. FALSE Not Applicable TRUE Unspecified			0-1
Are Hazardous Components Removable?	areHazardousComponentsRemovable	Indicates if hazardous components are removable. FALSE Not Applicable TRUE Unspecified			0-1
Is Item ROHS Compliant?	isTradeItemROHSCompliant	Indicates if the Trade Item is ROHS Compliant. FALSE Not Applicable TRUE Unspecified			0-1
Is Item Designed for Easy Disassembly?	isTradeItemDesignedForEasyDisassembly	Indicates if the Trade Item is designed for easy disassembly. FALSE Not Applicable TRUE Unspecified			0-1
Components Labeled for Disassembly Recycling %?	componentsLabeledForDisassemblyRecyclingPercent	Indicates if the Trade Item components are labeled for disassembly recycling percentage. FALSE Not Applicable TRUE Unspecified			0-1
Does Item Have Refuse Obligations?	doesTradeItemHaveRefuseObligations	Indicates if the Trade Item had refuse obligations. FALSE Not Applicable TRUE Unspecified			0-1
Renewable Plant Based Plastic Components %		Indicates the percentage of renewable plant based plastic components in the Trade Item.	Numeric	21	0-1



Contains Short Chain Chlorinated Paraffins?		<p>Indicates if the Trade Item contains short chain chlorinated paraffins.</p> <p>FALSE Not Applicable TRUE Unspecified</p>			0-1						
Contains Pesticide?		<p>Indicates if the Trade Item contains pesticides.</p> <p>FALSE Not Applicable TRUE Unspecified</p>			0-1						
Contains Propellant?		<p>Indicates if the Trade Item contains propellant.</p> <p>FALSE Not Applicable TRUE Unspecified</p>			0-1						
Contains Polyvinyl Chloride?		<p>Indicates if the Trade Item contains polyvinyl chloride.</p> <p>FALSE Not Applicable TRUE Unspecified</p>			0-1						
Chemical Not Intended for Human Consumption?		<p>Indicates if the Trade Item is a chemical not intended for human consumption.</p> <p>FALSE Not Applicable TRUE Unspecified</p>			0-1						
ROHS Compliance Failure Material	rOHSComplianceFailureMaterial	<p>Indicates the material included in the product that does not comply with ROHS.</p> <table border="1" data-bbox="926 1271 1117 1482"> <tr><td>CADMIUM</td></tr> <tr><td>HC</td></tr> <tr><td>LEAD</td></tr> <tr><td>MERCURY</td></tr> <tr><td>PBB</td></tr> <tr><td>PBDE</td></tr> </table>	CADMIUM	HC	LEAD	MERCURY	PBB	PBDE			0-m
CADMIUM											
HC											
LEAD											
MERCURY											
PBB											
PBDE											



Does Manufacturer Have Take Back Program	doesManufacturerHaveTakeBackProgram	Indicates if the manufacturer of the trade item offers any take back programs to consumers for the product to be reused, remanufactured or recycled by the manufacturer. FALSE Not Applicable TRUE Unspecified			0-1
Manufacturer Take Back Program Fee	manufacturerTakeBackProgramFee	Indicates the amount of the fee for the Manufacturer Take Back Program.	Numeric	21	0-1
Currency	currencyISOCODE	The code indicating the currency used. Mandatory when the Amount is populated. Based on the ISO 4217 Currency Codes.			1-1

Electrical Usage

Display	GDSN Attribute Name	Description	Data Type	Length	Cardinality
Is Item Automatic Power Down Enabled?		Indicates if the Trade Item is automatic power down enabled. FALSE Not Applicable TRUE Unspecified			0-1
Automatic Power Down Default Time Period	automaticPowerDownDefaultTimePeriod	Indicates the automatic power down default time period of the Trade Item.	Numeric	21	0-1
UOM	measurementUnitCodeValue				1-1
Electrical Usage Agency Code	electricalUsageAgencyCode	Indicates the electrical usage agency code.	String	35	0-m



Run Mode	runMode	The functional mode of an electrical device for example On, Sleep, Standby). Run modes are defined by various guidelines for example the energy star guideline. DOWNLOAD_ACQUISITION IDLE OFF ON SLEEP STANDBY			1-1
Maximum Energy Usage	maximumEnergyUsage	The maximum amount of energy used by a device powered by electricity.			1-1
UOM	measurementUnitCodeValue				1-1
Maximum Energy Usage Time Period	maximumEnergyUsageTimePeriod	The time period (e.g. hours, days, years) associated with the maximum energy usage amount.			1-1
UOM	measurementUnitCodeValue				1-1
Electrical Usage Classification - Classification Agency	electricalUsageTradeItemClassificationAgency	A classification agency or organisation whose product classification scheme is being provided to drive required information for electrical usage.	String	35	0-1
Electrical Usage Classification - Classification Code	electricalUsageTradeItemClassificationCode	A classification code value from a product classification scheme provided to drive required information for electrical usage.	String	35	0-1
Electrical Usage Classification - Classification Name	electricalUsageTradeItemClassificationName	A classification name from a product classification scheme provided to drive required information for electrical usage.	String		0-1
Electrical Usage Classification - Subclassification Code	electricalUsageSubclassificationCode	A sub-classification code value from a product classification scheme provided to drive required information for electrical usage.	String	35	0-1



Electrical Usage Classification – Subclassification Name	electricalUsageSubclassification Name	A sub-classification name provided to drive required information for electrical usage.	String	35	0-1
Display Resolution	displayResolution	Indicates the display resolution.	String	35	0-1



Total Screen Area	totalScreenArea	Indicates the total area of the screen.	1024_768			0-1
			1080_I			
			1080_P			
			1152_768			
			1280_1024			
			1280_720			
			1280_854			
			1280_960			
			1400_1050			
			1440_900			
			1440_960			
			1600_1200			
			1680_1050			
			1920_1200			
			2048_1536			
			2560_1600			
			2560_2048			
			320_200			
			320_240			
			480_I			
480_P						
640_480						
720_480						
720_I						
720_P						
768_576						
800_600						
854_480						
UOM	measurementUnit CodeValue					1-1



11.9 FINISH PAGE

To navigate to this page you can either follow the "Next>>" button until the very end or select "Finish" from the Title Bar.

Once you have completed filling in or editing the product information for your item, you can check the status of your item.

The finish page will provide you the current State of your item, see **Validation in Section 5.3** for more information on the various states. In addition the finish page will list any Mandatory elements that are missing from your item record.

You can choose four options once you are finished entering your product information:

1. **Produce Report** = Will generate a validation report on your item, listing any mandatory elements that may be missing
2. **Save Item** = Will save your item in the state it currently resides for you to go back and edit at a further date. Save Item will also send a new CIN to your trading partners.
3. **New Item** = Will take you to the New Item page to enter in a new GTIN/Item record.
4. **View Catalogue** = Will take you back to your View Catalogue Page in order to select another GTIN for editing or create a new GTIN Catalogue Record.
5. **Register Item** = Will automatically register your item with the GS1 Global Registry. Check your outbox for message details once sent. This option is only available if all the mandatory elements have been entered (State is either Unregistered – Syncable or Unregistered – Unsyncable)



12. CONTACT INFORMATION

Email: cgssupport@commport.com
sales@commort.com

Phone: 905-727-6782
Toll-Free: 1-800-

Mail: 3 Ross Street
Aurora, Ontario
L4G 1X3
Canada

Corporate Webpage: www.commport.com
CGS Datapool Webpage: www.cgsdatapool.com



Appendix A

Unit of Measure Code List

Code	Code Description
26	Actual Ton
Z51	Application (e.g. in hair colorant, 6 applications)
AS	Assortment
BG	Bag
BA	Bale
BI	Bar
BR	Barrel
BL	Block
B8	Board
BF	Board Feet
BO	Bottle
BX	Box
BN	Bulk
BD	Bundle
BU	Bushel
CN	Can
CG	Card
CT	Carton
CQ	Cartridge
CA	Case
AF	Centigram
C3	Centilitre
CM	Centimetre
1N	Count
CV	Cover
CC	Cubic Centimetre
C8	Cubic Decimetre
CF	Cubic Feet
CI	Cubic Inches
CR	Cubic Meter
CO	Cubic Meters(Net)
MMQ	Cubic Millimetre
CU	Cup
DA	Days
DG	Decigram
CE	Degrees Celsius (Centigrade)
FA	Degrees Fahrenheit
DS	Display
DO	Dollars, U.S.
DZ	Dozen



DR	Drum
EA	Each
EV	Envelope
FT	Feet
UZ	Fifty Count
UY	Fifty Square Feet
FO	Fluid Ounce
GA	Gallon
GR	Gram
GT	Gross Kilogram
HD	Half Dozen
HC	Hundred Count
HL	Hundred Fee
CW	Hundred Pounds (CWT)
IN	Inches
JR	Jar
KE	Keg
KG	Kilogram
DK	Kilometre
KT	Kit
LR	Layer(s)
LF	Linear Foot
LM	Linear Meter
LK	Link
LT	Litre
MR	Meter
MP	Metric Ton
MC	Microgram
4G	Microlitre
ME	Milligram
ML	Millilitre
MM	Millimetre
MX	Mod Pallet (Mixed)
58	Net Kilograms
OZ	Ounces
PH	Pack
PK	Package
PA	Pail
PR	Pair
PL	Pallet
PY	Peck, Dry U.S.
P1	Percent
PC	Piece
PT	Pint
PNT	Point: Used to express a credit earned by a party as a part of an incentive



	program.
PTN	Portion
V2	Pouch
LB	Pounds
PE	Pounds Equivalent
PG	Pound Gross
PN	Pounds Net
QT	Quart
QS	Quart Dry
RL	Roll
ST	Set
SH	Sheet
SX	Shipment
FJ	Sizing Factor
SF	Square Foot
SM	Square Meter
SY	Square Yard
15	Stick
TK	Tank
TM	Thousand Feet
TE	Tote
NT	Trailer
TY	Tray
Z52	Usage (e.g. in laundry, 24 usage)
UN	Unit
YD	Yard