



The Emerson Group

The Emerson Group
Data Synchronization Implementation Guide

Version 1.4

Data Synchronization Implementation Guide

REVISION HISTORY

Date	Ver #	Description of Change	Author
03/27/2017	1.1	First Revision	B. Poetker
04/07/2017	1.2	Second Revision	B. Poetker
08/29/2019	1.3	Updated Data Sync Contact	B. Curran
3/30/2020	1.4	Updated with new process and Emerson Category Attribute	H. Doren

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1. THE EMERSON GROUP DATA SYNC INFORMATION

The Emerson Group fully supports the Global Data Synchronization Network and is counting on our supplier partners to do the same. The purpose of this document is to provide you information on The Emerson Group data sync requirements and how you can publish your data via the GDSN.

1.1 Primary Data Sync Contacts

Data Synchronization Mailbox: datasync@emersongroup.com

Key Contact for: Data Synchronization and the Product Information Management System

Name: Samantha Gershman

Phone: 610.971.9600

Email: samantha.gershman@emersongroup.com

1.2 The Emerson Group GLN

Production: 1100001009336

Pre-Production: 1100001009336

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2. STEPS TO BEGIN SYNC'ING WITH THE EMERSON GROUP

1. If you do NOT have a current 1WorldSync subscription, complete the Emerson Group Trading Partner Form located at <https://www.1worldsync.com/the-emerson-group-trading-partner-form/>.
2. The Emerson Group will create a subscription for your Information Provider GLN.
3. Prepare your data:
 - a. Have your accurate and complete item data loaded into your GDSN Certified Data Pool and ensure it is ready for publication.
 - b. Contact your Data Pool for any education you might require to complete this step.
4. Ensure that your items adhere to the Emerson Group Attribute Requirements.
 - a. Refer to section 5 of this document for guidelines regarding the attributes The Emerson Group is looking for.
 - b. Review the "The Emerson Group Attribute Requirements" document available on the Emerson Group landing page at <http://www.1worldsync.com/community/customers/emerson-group/>.
5. When ready to receive publications, The Emerson Group will notify the primary data sync contact provided in the Trading Partner Form. The Emerson group will also provide the primary and secondary data sync contact with any log-in information required to access the 1WorldSync Item Management Solution.

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3. PUBLISHING DATA TO THE EMERSON GROUP

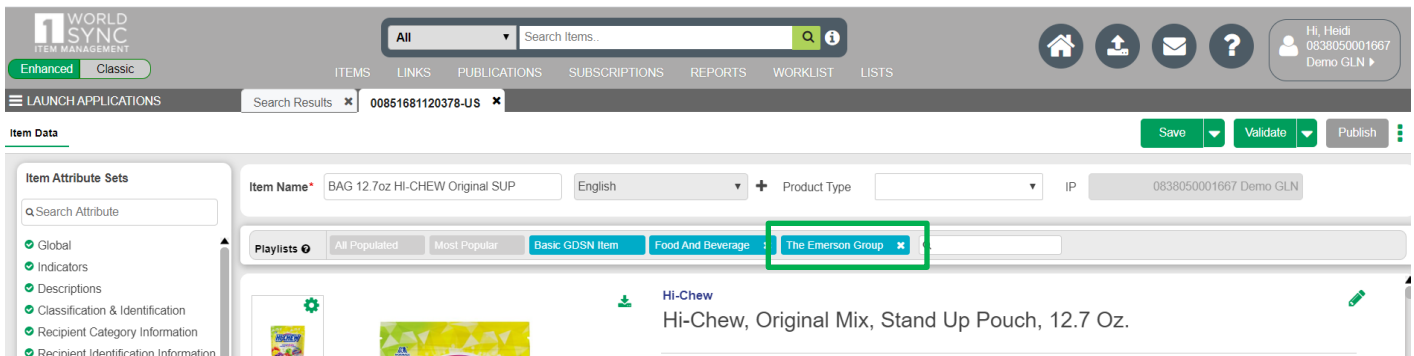
Emerson Group members will be required to access the Emerson Group Portal powered by 1WorldSync. If you do not have a current subscription contact:

1WorldSync at 866-280-4013

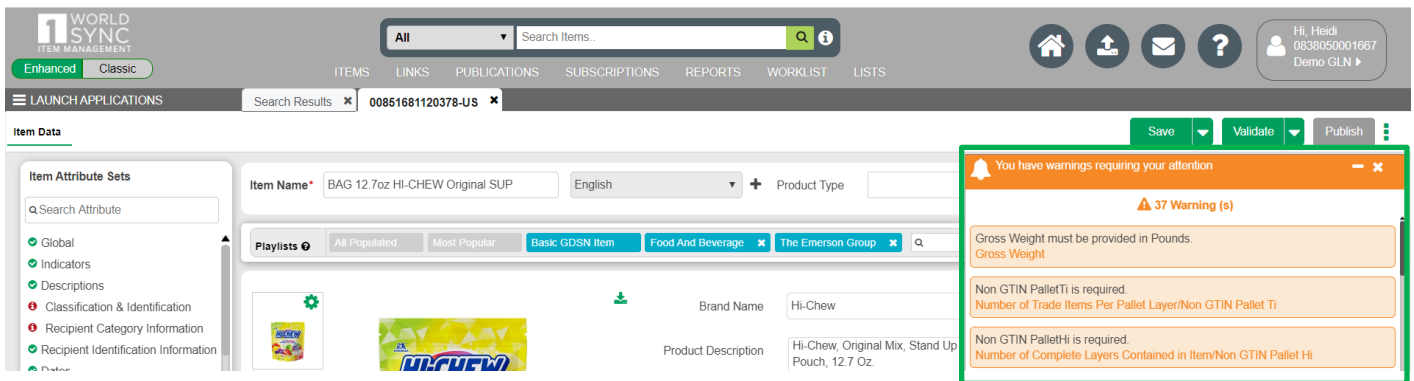
or

Tim Marshall
1WorldSync Strategic Account Manager
tmarshall@1worldsync.com

1. Access the 1WorldSync Item Management Platform Enhanced Version.
 - a. Select the GTIN you would like to publish.
 - b. Attach the Emerson Playlist



- c. Click Validate. The system will show you the Emerson Group's attribute requirements. This includes the price list attributes.
- d. Click on the errors. The system will hyperlink to the attribute



- e. Click Save

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The screenshot displays the World Sync Item Management interface. At the top, there is a search bar with 'All' selected and a search icon. Below the search bar are navigation tabs: ITEMS, LINKS, PUBLICATIONS, SUBSCRIPTIONS, REPORTS, WORKLIST, and LISTS. A user profile icon for 'Hi, Heidi' is visible in the top right corner. The main content area shows 'Item Data' for 'BAG 12.7oz HI-CHEW Original SUP'. The item name is 'BAG 12.7oz HI-CHEW Original SUP', the language is 'English', and the product type is 'Food And Beverage'. The brand name is 'Hi-Chew' and the product description is 'Hi-Chew, Original Mix, Stand Up Pouch, 12.7 Oz.'. A 'Save' button is highlighted with a green box. On the right side, there is a warning panel titled 'You have warnings requiring your attention' with 37 warnings. The warnings include: 'Gross Weight must be provided in Pounds. Gross Weight', 'Non GTIN PalletTi is required. Number of Trade Items Per Pallet Layer/Non GTIN Pallet Ti', and 'Non GTIN PalletHi is required. Number of Complete Layers Contained in Item/Non GTIN Pallet Hi'.

2. Publish item information to GLN 1100001009336.
 - a. Publish all products represented by The Emerson Group and their affiliates into the Production environment.
 - b. Publish all items as New
 - c. If you have questions about whether an item needs to be published, please contact Emerson for more information.
2. The Emerson Group will provide automated feedback upon receipt of the publications using the Catalogue Item Confirmation (CIC) RECEIVED
 - o RECEIVED – The item has been received and passed the GDSN validations. This CIC message will typically be sent within a few hours after the publication has been received for all items before they enter the data quality review process. This CIC message will be sent automatically as the record is received within Emerson’s PIM system.
3. A notification will be sent to The Emerson Group indicating that the data has been received.
4. The Emerson Group will then provide feedback on the item data using the following method
 - o Catalogue Item Confirmation: CIC’s
 - REVIEW – The item did not pass The Emerson Group’s GDSN validations or failed The Emerson Group’s audit process and therefore has data discrepancies to be reviewed and addressed. The reason for the Review status will be transmitted in a CIC999 message and email.
 - SYNCHRONIZED – The item is compliant with The Emerson Group’s Attribute Requirements and will be updated as revisions occur. This response will be sent after all validations and audits have been successfully completed.
 - REJECT – The item has been rejected by The Emerson Group. It will be removed from The Emerson Group’s Catalog and a Rejected CIC status will be sent. This option will be rarely used by The Emerson Group.
5. Send ongoing item maintenance notifications through your GDSN Certified Data Pool to The Emerson Group as needed to keep the data in sync.

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4. ADDITIONAL TARGET RECIPIENT REQUIREMENTS

1. If the item is intended for certain retailers, there may be additional data that needs to be appended to the GDSN record. These retailers include, but are not limited to: Kroger, Walmart, Amazon, Jet.com.
2. A user representing the supplier will then log-in to 1WorldSync Item Management, with their previously assigned user name and password, and the user will add the required additional information.
4. The user will then save the modified records and approve their workflow step.
5. Since there is no GDSN attribution changing, the supplier should expect a notification from Emerson directly, rather than a CIC response.

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5. THE EMERSON GROUP ATTRIBUTE REQUIREMENTS

The Emerson Group requires that all standard GDSN mandatory and best practice attributes are populated items.

For a complete listing of the Emerson Group attribute requirements, refer to "The Emerson Group Attribute Requirements Spreadsheet" available on the Emerson Group landing page at <http://www.1worldsync.com/community/customers/emerson-group/>.

5.1 Price List Attribute Mapping

Specifically for the Emerson implementation, there are a number of GDSN and custom attributes that are required to create the Sales and Logistics Price Lists.

Some of the attributes are populated at different levels of the hierarchy, therefore it is important to understand where attributes should be populated in order to be correctly translated to the Price List.

The attributes categorized into 3 main sub-sections: GDSN, custom, and calculated.

- GDSN attributes & Custom Attributes should be populated through GDSN and published to Emerson
- Calculated attributes will be generated systematically based off of other attributes

5.1.1 GDSN ATTRIBUTES

GUI Name	Price List Attribute	Relevant Level of Hierarchy	Required	Notes regarding population
Brand Name	Brand	Each	Required (GDSN)	
Product Description	Product Description	Highest level of hierarchy (Case > Inner > Each)	Required	
Net Content	Product Size	Each	Required	Please ensure the Net Content that is intended for the Price List is populated in the first instance if there are multiple instances.
Net Content UOM	Product Size	Each	Required	Please ensure the Net Content UOM that is intended for the Price List is populated in the first instance if there are multiple instances.
Child Item	Used to create hierarchy between records (Each, Inner, Case UPC)	All applicable levels	If Applicable	

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GUI Name	Price List Attribute	Relevant Level of Hierarchy	Required	Notes regarding population
Link Quantity	Used to populate # of Inners in a Case, # of Eaches in an Inner	All applicable levels	If Applicable	Used for calculation of Case Pack
Depth	Dimensions	All applicable levels	Required	For case, used in calculation of Case Cube
Depth UOM	N/A, Required for GDSN	All applicable levels	Required	Should be Inches
Width	Dimensions	All applicable levels	Required	For case, used in calculation of Case Cube
Width UOM	N/A, Required for GDSN	All applicable levels	Required	Should be Inches
Height	Dimensions	All applicable levels	Required	For case, used in calculation of Case Cube
Height UOM	N/A, Required for GDSN	All applicable levels	Required	Should be Inches
Gross Weight	Case Weight	Case	Required	
Gross Weight UOM	N/A, Required for GDSN	Case	Required	Should be Pounds
Number of Trade Items Per Pallet Layer/Non GTIN Pallet Ti	Cases Ti x Hi	Case	Required	For case, used in calculation of Cases Per Pallet
Number of Layers Per Pallet/Non GTIN Pallet Hi	Cases Ti x Hi	Case	Required	For case, used in calculation of Cases Per Pallet
Country Of Origin	Country Of Origin	Each	Required	Please ensure the Country of Origin that is intended for the Price List is populated in the first instance if there are multiple instances.

5.1.2 CUSTOM ATTRIBUTES

Price List Attributes	Level of Hierarchy	Required	Notes regarding population
Drug Rank	Case	If Applicable	Used for the calculation of Average Rank
Mass Rank	Case	If Applicable	Used for the calculation of Average Rank
Food Rank	Case	If Applicable	Used for the calculation of Average Rank
Item Number	All Applicable Levels	Required	Item Number is populated by an Emerson User. It is intended to uniquely represent a single hierarchy.

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Price List Attributes	Level of Hierarchy	Required	Notes regarding population
Unit Price	Each	Required	Used in calculation of Case Price
Minimum Advertised Price	Each	Required	
Suggested Retail Price	Each	Required	Used to calculate Profit Margin and Penny Profit
NDC Number	Each	If Applicable	
WERCS WPS ID	Each	Required	If not applicable, please enter "n/a".
Harmonized Tariff Schedule (HTS #)	Each	If Applicable	
Shelf Life	Each	Required	
Dating Format on the EACH	Each	Required	
TAA Compliant	Each	Required	
Has this product been tested to ensure the chemicals do not exceed CA Prop 65 limits?	Each	Required	
Is there a Proposition 65 warning label on the package?	Each	Required	
Dextromethorphan	Each	Required	
Limited Quantity	Each	Required	
Lithium Ion	Each	Required	
Aerosol	Each	Required	
Aerosol Level	Each	Required	
National Motor Freight Classification	Each	Required	
Sales	Case	Required	
Sales Note:	Case	If Applicable	Specific to products for which Emerson Group has sales responsibility
61500 Case	Case	Required	
Case Note:	Case	If Applicable	Specific to products for which Emerson Group has sales responsibility
18034 eComm	Case	Required	
eComm Note:	Case	If Applicable	Specific to products for which Emerson Group has sales responsibility
18034 Sample	Case	Required	
Sample Note:	Case	If Applicable	Specific to products for which Emerson Group has sales responsibility
Case Minimum Inventory Level	Case	If Applicable	Specific to products for which Emerson Group has sales responsibility
Each Minimum Inventory Level	Each	If Applicable	Specific to products for which Emerson Group has sales responsibility
Emerson Group Category	Case	Required	

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5.1.3 CALCULATED ATTRIBUTES

Price List Attributes	Level of Hierarchy	Notes regarding population
Rank Avg	Each	Calculated based on an average of Drug, Mass, and Food Rank
Case Pack	Case	Calculated based on the multiplication of # of Inner Packs and # of Pieces in an Inner Pack
Case Cube (Ft)	Case	Calculated based on the provided dimensions of the Case, calculated in Cubic Feet
Cases Per Pallet	Case	Calculated based on the multiplication of the Case Ti and Hi
Case Price	Case	Calculated based on the multiplication of Case Pack and Unit Price
Profit Margin	Each	Calculated based on Suggested Retail Price and Unit Price
Penny Profit	Each	Calculated based on Suggested Retail Price and Unit Price