



## **Hill & Markes (Network Services Member)**

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### **Data Synchronization Implementation Guide**

Version 3



## Hill & Markes Data Synchronization Implementation Guide

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### REVISION HISTORY

Date	Ver #	Description of Change	Author
11/08/2013	1	Original Version	C. Macias
1/26/2014	2	Updated Steps to Sync (Incl TPF)	T. Gladden
7/15/16	3	Update Contact Info	T. Ramirez



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### **1 HILL & MARKES DATA SYNCHRONIZATION INFORMATION**

Hill & Markes Inc., a family owned business for over 100 years, is recognized and respected for the growth and professional approach within the wholesale distribution industry. Hill & Markes distributes janitorial, industrial packaging, food service, ice cream products, farm and office products to various market segments throughout the country. In order to continue the high level of customer service that has come to be expected from Hill & Markes, they have undertaken the project to begin synchronizing their products with their suppliers in order to attain GS1 compliance as well as gain efficiencies within their company. This document provides the process and methods to be used by Hill & Markes and its suppliers in achieving this goal.

By joining the Global Data Sync Network (GDSN), Hill & Markes believes they will improve the quality of its item data, and increased logistical efficiencies. Hill & Markes is requesting that all its suppliers support it in this process change and provide item data via data synchronization. Please review the information in this document to learn how to send product information via the GDSN.

#### **1.1 Primary Data Synchronization Contacts**

Name: Ray April

Email: [rapril@specpage.com](mailto:rapril@specpage.com)

#### **1.2 HILL & MARKES Company GLN - Publish To**

Production: **1100001019359**

**HILL & MARKES's GDSN data pool is 1WorldSync.**



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### 2 STEPS TO BEGIN SYNCING YOUR DATA WITH HILL & MARKES

1. Review the attribute requirements in Section 3 of this document to ensure you can meet our requirements
2. Please complete the **Trading Partner Form** found [here](#)
  - a. Select Hill & Markes as your trading partner
  - b. Select all other distributors that you do business with.
  - c. Additional information on how to publish to multiple distributors can be found at [Network Services member list](#)
3. Hill & Markes will create a subscription for your information provider GLN and Target Market U.S.
4. Hill & Markes will send an email notification to the supplier's primary data synchronization contact when they are ready to receive the first publications
5. Publish as **Initial Load** to Hill & Markes GLN of **1100001019359**
6. Hill & Markes will use the Catalogue Item Confirmation (CIC) message as follows:
  - a. A CIC with the state of "ACCEPT" will automatically be sent when publication is received.
  - b. At this time Hill & Markes is sending only "ACCEPT" CIC message
7. Suppliers should continue to send changes and correction for the items synchronized with Hill & Markes



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### 3 GDSN AND NETWORK SERVICES ATTRIBUTE REQUIREMENTS

#### 3.1 Introduction

Suppliers can access the requested Network Services and distributors attribute requirements by clicking on this link:

[Here](#)

Below is the list of GDSN required attributes for all GTINs transmitted to Hill & Markes:

GDSN XML Attribute Name	Definition of GDSN XML Attribute	(R)quired / (O)ptional	Notes for Attributes
GTIN	14-digit number used to identify item	<b>R</b>	14-Digit GTIN number
gtinName	Description of item as appears on package	<b>R</b>	Item as it appears on packaging
tradeItemDescription	An understandable and usable description of the item	<b>R</b>	An understandable and useable description of a trade item using brand and other descriptors. Populate this attribute with as little abbreviation as possible while keeping to a reasonable length.
AdditionalDescription	Free text field used to record additional product attributes. Use for any additional information necessary to communicate to the industry to help define the product	<b>R</b>	
productType	Hierarchical level of item	<b>R</b>	
grossWeight	Gross weight of the item	<b>R</b>	
netWeight	Net weight of the item	<b>R</b>	
volumeWeight	Volume weight of the item	<b>R</b>	
netContent	Amount of item contained by a package	<b>R</b>	
depth	Measurement, front to back of the item	<b>R</b>	



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GDSN XML Attribute Name	Definition of GDSN XML Attribute	(R)quired / (O)ptional	Notes for Attributes
height	Measurement, vertical dimensions of the item	<b>R</b>	
width	Measurement, left to right of the item	<b>R</b>	
eanuccCode	EAN or UPC Code Number of item	<b>R</b>	
eanuccType	GS1 data structure of EANUCC Code number	<b>R</b>	
additionalTradeItemIdentificationValue	An alternate item number. For example for an internal manufacturing number.	<b>R</b>	
additionalTradeItemIdentificationType	Required if additionalTradeItemIdentificationValue is populated. Alternate maintenance agency. Refer to GDSN standard valid value list	<b>R</b>	
nameOfManufacturer	Name of the manufacture of the item	<b>R</b>	
tradeItemCountryOfOrigin	The country code in which the goods have been produced or manufactured, according to criteria established for the purposes of application of the value may or may not be presented on the trade item label	<b>R</b>	
brandOwner	GLN of the Owner of the Brand	<b>R</b>	
brandOwnerName	Name of the organization owning the Brand	<b>R</b>	
brandName	Brand name for the item	<b>R</b>	
functionalName	Functional Name of the item (describes the use of the item)	<b>R</b>	
additionalClassificationAgencyName	Prefer UNSPSC	<b>R</b>	Prefer UNSPSC
additionalClassificationCategoryCode	Prefer UNSPSC	<b>R</b>	Prefer UNSPSC