



Data Synchronization Implementation Guide

Version 1

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REVISION HISTORY

Date	Ver #	Description of Change	Author
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Data Synchronization Implementation Guide

TABLE OF CONTENTS

1	DATA SYNCHRONIZATION INFORMATION.....	4
	1.1 Primary Data Synchronization Contact.....	4
	1.2 GLN To Publish To	4
2	STEPS TO BEGIN SYNCING YOUR DATA.....	5
3	ATTRIBUTE REQUIREMENTS.....	5

Data Synchronization Implementation Guide

1 DATA SYNCHRONIZATION INFORMATION

1.1 Primary Data Synchronization Contact

1WorldSync Customer Support:

+1 866.280.4013

businessdevelopment@1worldsync.com

technicalsupport@1WorldSync.com

Direct Support: help@mightyoaks.com

1.2 GLN - Publish To Mighty Oaks

Production: 0860004402909

Data Synchronization Implementation Guide

2 STEPS TO BEGIN SYNCING YOUR DATA

Implementation Steps

1. A full list of foodservice attribute requirements for GDSN is available for review in Section 3 of this document. If you are currently unable to provide the full list of attributes requested, please send what you have available today. You can send additional attributes as they become available.
2. Complete the **Trading Partner Form** on the Mighty Oaks landing page at <https://www.1worldsync.com/community/customers/mighty-oaks/>. Mighty Oaks will contact you once they have created a subscription for your GLN and let you know they are ready for you to publish your items.
3. Have your accurate item data loaded into your GDSN certified data pool and ensure it is ready for publication in Production.
 - a. Contact your data pool for any education you might require completing this step.

Publication Steps

4. Publish items to GLN 0860004402909.
 - a. Mighty Oaks will review the publications and provide feedback on non-compliant items or any other issues with the item publications
5. All Suppliers should publish **full catalog for all categories** to GLN 0860004402909.
6. For the first publication Suppliers are to publish all products as "New".
7. Investigate and respond to "Review" CIC responses. Mighty Oaks will provide feedback on publications using the following method:

Received CIC – Item data was received

Synchronized CIC – Item data was accepted and integrated.

Review CIC – Please see "Review" for more details on your Sync Status Report

Reject CIC – Mighty Oaks does not need this item data.

Data Synchronization Implementation Guide

3 ATTRIBUTE REQUIREMENTS

Please note: If you are currently unable to provide the full list of attributes requested, please send what you have available today. You can send additional attributes as they become available.

Key		
R	Required	Minimum subset of attributes that are required to pass all audits
C	Conditional	Dependent attributes become GDSN Mandatory based on the population of another attribute or based on the value populated for another attribute.
O	Optional	Additional attributes requested by Topco Associates

3.1.1 CORE GDSN ATTRIBUTES

1WorldSync Attribute Name	Global Data Dictionary Tag	Attribute Required
Information Provider GLN	informationProviderOfTradeItem	R
Information Provider Name	nameOfInformationProvider	
Brand	brand Name	R
GTIN	GTIN	R
Product Type	tradeItemUnitDescriptor	R
Brand Owner GLN Name	nameOfBrandOwner	O
Brand Owner GLN	brandOwner	O
Short Description / POS Desc. 1	descriptionShort	R
Product Description	tradeItemDescription	R
Additional Description	additionalTradeItemDescription	R
Base Unit Indicator	isTradeItemABaseUnit	R
Orderable Unit	isTradeItemAnOrderableUnit	R
Consumer Unit Indicator	isTradeItemAConsumerUnit	R
Dispatch Unit Indicator	isTradeItemADespatchUnit	R
Invoice Unit Indicator	sTradeItemAnInvoiceUnit	R
Country of Origin	tradeItemCountryOfOrigin	R
Target Market	targetMarketCountryCode	R
Functional Name	functionalName	R
GPC Code	classificationCategoryCode	R
GS1 Trade Item ID Key Code	gs1TradeItemIdentificationKey/code	C
GS1 Trade Item ID Key Value	gs1TradeItemIdentificationKey/value	C

Data Synchronization Implementation Guide

3.1.2 WEIGHTS, DIMENSIONS & COUNT

1WorldSync Attribute Name	Global Data Dictionary Tag	Attribute Required
Gross Weight	grossWeight	R
Qty of Next Level Item(s)	totalQuantityOfNextLowerLevelTradeItem	R
Net Weight	netWeight	R
Net Content	netContent	R
Variable Weight Trade Item	isTradeItemAVariableUnit	R
Height	height	R
Width	width	R
Depth	depth	R
Volume	tradeItemMeasurements	R

3.1.3 HANDLING & DELIVERY

1WorldSync Attribute Name	Global Data Dictionary Tag	Attribute Required
Pallet Hi	quantityOfCompleteLayersContainedInATradeItem	R
Pallet Tic	quantityOfTradeItemsContainedInACompleteLayer	R
non GTIN Pallet Ti	quantityOfTradeItemsPerPalletLayer	R
non GTIN Pallet Hi	quantityOfLayersPerPallet	R
Min Order Quantity	deliveryPurchasingInformationModule/deliveryPurchasingInformation/orderQuantityMinimum	R
Min Product Lifespan from Arrival	minimumTradeItemLifespanFromArrival	R
Min Product Lifespan from Production	minimumTradeItemLifespanFromTimeOfProduction	R
Temperature Qualifier Code = STORAGE_HANDLING Maximum Temperature/UOM	temperatureQualifierCode minimumTemperature/uom	R
Temperature Qualifier Code = STORAGE_HANDLING Maximum Temperature/UOM	temperatureQualifierCode maximumTemperature/uom	R
Effective Date	effectiveDate	R
Packaging Marked Returnable	discontinuedDateTime/cancelledDateTime	C

Data Synchronization Implementation Guide

3.1.4 IMAGES

Best Practices is to provide at least one Primary Image
(At least one instance of 'Type of Information' should = 'Product Image')

1WorldSync Attribute Name	Global Data Dictionary Tag	Attribute Required
Type of Information	externalFileLink/typeOfInformation	O
File Name	externalFileLink/fileName	C
File Format Name	externalFileLink/fileFormatName	O
File Version	externalFileLink/fileVersion	O
Primary Image	externalFileLink/primaryImage	O
Uniform Resource Identifier	externalFileLink/uniformResourceIdentifier	O
File Effective Start Date	externalFileLink/fileEffectiveStartDateTime	O
File Effective End Date	externalFileLink/fileEffectiveEndDateTime	O

3.1.5 ALLERGENS INFORMATION

Allergens:

A trade item must specify the following GDSN attributes for each of the "Big 8" allergens for at least one level within the item hierarchy: allergenTypeCode & levelOfContainment

1WorldSync Name	Global Data Dictionary Tag
Allergen Type Code	allergenTypeCode
Level of Containment	levelOfContainmentCode

Data Synchronization Implementation Guide

Allergen Type Codes	
AM	Milk and its derivatives
AS	Sesame Seeds and their derivatives
AY	Soybeans and their derivatives
AN	Nuts and their derivatives
UW	Wheat and its derivatives
AC	Crustaceans and their derivatives
AE	Eggs and their derivatives
AF	Fish and their derivatives

3.1.6 NUTRITIONAL INFORMATION

Attribute	1WorldSync Name	Global Data Dictionary Tag
Serving Size	Serving Size Serving Size UoM	servingSize servingSizeUoM
Servings per Package	Number Of Servings Per Package	numberOfServingsPerPackage
Nutrition Facts	Serving Size Preparation State Measurement Precision Nutrient Type Code Percentage of Daily Value Intake Nutrient Quantity Contained Nutrient Quantity Contained UOM	preparationState measurementPrecision nutrientTypeCode percentageOfDailyValueIntake quantityContained quantityContainedUoM

Data Synchronization Implementation Guide

The data attribute "nutrientTypeCode" is a coded value. Use the below table to reference the list of Nutrient Type Codes and preferred Units of measure.

Nutrient	Nutrient Type Code	Quantity Contained	Nutrient	Nutrient Type Code	Quantity Contained
Potassium	K	MGM	Biotin	BIOT	MC
Total Carbohydrate	CHO-	GRM	Pantothenic Acid	PANTAC	MGM
Dietary Fiber	FIBTSW	GRM	Phosphorus	P	MGM
Soluble Fiber	FIBSOL	GRM	Iodine	ID	MC
Insoluble Fiber	FIBINS	GRM	Magnesium	MG	MGM
Sugars	SUGAR-	GRM	Zinc	ZN	MGM
Sugar Alcohol	POLYL	GRM	Copper	CU	MGM
Protein	PRO-	GRM	Total Calories	ENER-	D70/KJO
Vitamin A	VITA-	MC/NIU	Calories from Fat	ENERPF	D70/KJO
Calcium	CA	MGM	Calories from Sat Fat	ENERSF	D70/KJO
Iron	FE	MGM	Total Fat	FATNLEA	GRM
A-Beta Carotene	CARTB	MGM	Transfatty Acids	FATRNL	GRM
Vitamin D	VITD-	MC	Saturated Fat	FASAT	GRM
Vitamin E	THIA	MGM	Polyunsaturated Fat	FAPU	GRM
Riboflavin	RIBF	MGM	Monounsaturated Fat	FAMS	GRM
Niacin Vitamin B	NIA	MGM	Cholesterol	CHOL-	MGM
Folate	FOL-	MC	Sodium	K	MGM
Vitamin B 12	VITB12	MC	Vitamin C	VITAC-	MGM