Rema Foods
Data Synchronization Implementation Guide

Version #18

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REMA FOODS **Data Synchronization Implementation Guide**

1 STEPS TO BEGIN SYNCING YOUR DATA WITH REMA FOODS

1. Load accurate item information into your GDSN certified data pool provider

2. Review attribute requirements in Section 3 of this document

3. Complete the required information on the Rema Foods Trading Partner Form located on the [Rema Foods Landing Page](#).

   a. Rema Foods will create a subscription for the Information Provider GLN(s) submitted via the Trading Partner Form.

   b. This is a required step to trigger the data sync process.

4. Publish information for all items sold to SUBWAY® including SUBWAY® branded items and manufacturer branded items to Rema Foods.

   a. Rema Foods production is 0719303000005

5. Publish items for all Target Markets.

6. Publish CASE level information only for SUBWAY® branded items

7. Publish item data with the appropriate Publication Types of 'Initial Load' or 'New'.
   a. "**Initial Load**" for existing item information (items already sold in system).
   b. "**New**" for brand new item introductions

8. Publish Supply Chain information required attributes for ALL new items via the GDSN immediately after a GTIN is issued

9. Publish Marketing information- including images required attributes for ALL new items via the GDSN immediately after a GTIN is issued

10. Suppliers can use the **brandDistributionType** flag in each publication to tell distributors to relax their validations and allow proprietary items to bypass their audits for additional item information

    a. Please contact your data pool for assistance with populating this attribute.

2 CIC RESPONSES

REMA FOODS will provide feedback on publications using the Catalogue Item Confirmation (CIC) responses.

1. Suppliers can expect to receive CICs within 2-3 hours of REMA FOODS having received the publication.

   a. **RECEIVED**: REMA FOODS received the product information, but no business decision has been made on the data.

   b. **SYNCHRONIZED**: Product information passed the REMA FOODS mandatory requirements and/or audits and was successfully uploaded to their internal system.

   c. **REVIEW**: Product information did not pass the REMA FOODS audits and action is required on the Supplier's side to update the product information.

      i. Data provided in GDSN is compared to REMA FOODS's internal systems.

    ii.   CIC Reviews will be returned if any item has a discrepancy that is out of tolerance for weights or dimensions compared to REMA FOODS's internal system, or if an item does not have all the required the fields needed (such as individualUnitMaximumSize).

    iii.   Please note: REMA FOODS uses the Status Details to provide additional information on what was discrepant.

    iv.   If GDSN data is correct supplier needs to send an email confirming GDSN is correct for GTIN's listed in email, and REMA FOODS system will to be updated with GDSN data

  d. **REJECT**: REMA FOODS does not buy this product and does not want to synchronize on the product information.

2. Continue to send changes and corrections for all items via the GDSN process.

3. Ensure your case weights and dimensions are accurate using a cubiscan and following package measurement rules as per GS1.

4. Manufacturers will be score carded on data quality.

3 ATTRIBUTE REQUIREMENTS

3.1 REMA FOODS Mandatory

In addition to the GDSN mandatory attributes, REMA FOODS requires the attributes in the tables below. Please note that failure to provide these attributes will result in a REVIEW CIC being generated back to the Supplier and the data will not be integrated into REMA FOODS's backend systems until these attributes are provided.

GDSN Attribute Name	GDD Tag	1WorldSync Name	1WorldSync XML Tag	REMA FOODS Comments
GTIN (Global Trade Item Number)	gtin	Item Id	gtin	
Data Provider GLN (Global Location Number)	gln	Information Provider GLN	informationProvider/gln	
Data Provider Name	partyName	Information Provider Name	informationProvider/name	
Country Of Sale Code	targetMarketCountryCode	Target Market	targetMarket	
Product Hierarchy Level Code	tradeItemUnitDescriptorCode	Product Type	productType	
GTIN (Global Trade Item Number) of the Contained Product	gtin	Linked Gtin	link/childItem/gtin	
Count of Each Specific Product	quantityOfNextLowerLevelTradeItem	Link Quantity	link/childItem/quantity	
Global Product Category Code	gpcCategoryCode	Global Classification	globalClassificationCategory/code	
Global Product Category Name	gpcCategoryName	GPC description	globalClassificationCategory/name	
Depth/Length with UOM	depth	Length	depth	
Product Information Effective Date/Time	effectiveDate Time	Effective Date	effectiveDate	

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GDSN Attribute Name	GDD Tag	1WorldSync Name	1WorldSync XML Tag	REMA FOODS Comments
Product Type Description	functionalName	Functional Name	functionalName	
Height with UOM	height	Height	height	
Base Unit Indicator	isTradeItemABaseUnit	Base Unit Indicator	isBaseUnit	
Consumer Unit Indicator	isTradeItemAConsumerUnit	Consumer Unit Indicator	isConsumerUnit	
Shipping Unit Indicator	isTradeItemADespatchUnit	Dispatch Unit Indicator	isDispatchUnit	
Orderable Unit Indicator	isTradeItemAnOrderableUnit	Ordering Unit Indicator	isOrderableUnit	
Variable Measure Indicator	isTradeItemAVariableUnit	Variable Weight Trade Item	isVariableWeightItem	
First Ship Date/Time	startAvailabilityDateTime	Start Availability Date	startAvailabilityDate	
Width with UOM	width	Width	width	
Additional Product Identification Type Code and Additional Product Identification	additionalTradeItemIdentification/@additionalTradeItemIdentificationTypeCode and additionalTradeItemIdentification	Alternate Item Identification Maintenance Agency and Alternate Item Number	alternateItemIdentification/agency and alternateItemIdentification/id	For Manufacturer Product Number use SUPPLIER_ASSIGNED (in Item Management use 90)
Short Product Name	descriptionShort	Short Description / POS Desc. 1	shortDescription	
Product Description	tradeItemDescription	Product Description	productDescription	
Temperature Activity Code and Minimum Temperature with UOM	temperatureQualifierCode and minimumTemperature	Temperature Qualifier Code = STORAGE_HANDLING Minimum Temperature/UOM	tradeItemTemperatureInformation/temperatureQualifierCode and tradeItemTemperatureInformation/minimumTemperature	Please fill out the temperatures at which DCs are supposed to store the product in their warehouse

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GDSN Attribute Name	GDD Tag	1WorldSync Name	1WorldSync XML Tag	REMA FOODS Comments
Temperature Activity Code and Maximum Temperature with UOM	temperatureQualifierCode and maximumTemperature	Temperature Qualifier Code = STORAGE_HANDLING Maximum Temperature/UOM	tradeItemTemperatureInformation/temperatureQualifierCode tradeItemTemperatureInformation/maximumTemperature	Please fill out the temperatures at which DCs are supposed to store the product in their warehouse
Gross Weight with UoM	grossWeight	Gross Weight / UOM	grossWeight / UOM	Please ensure to consistently place all measurements, weights and temperatures in either **Imperial system** (i.e., feet, inches, pounds, and Fahrenheit) or **Metric system** (i.e., meters, grams, kilo, Celsius)
Net Weight with UoM	netWeight	Net Weight / UOM	netWeight / UOM	Please ensure to consistently place all measurements, weights and temperatures in either **Imperial system** (i.e., feet, inches, pounds, and Fahrenheit) or **Metric system** (i.e., meters, grams, kilo, Celsius)
Number of Layers per GTIN	quantityOfCompleteLayersContainedInATradeItem	Pallet Hi	hi	# of layers in each pallet
Number of Units per Layer in a GTIN	quantityOfTradeItemsContainedInACompleteLayer	Pallet Ti	ti	# of cases in each layer
Number of Layers per non-GTIN Pallet	quantityOfLayersPerPallet	Number of Complete Layers Contained in Item/Non GTIN Pallet Hi	nonGTINPalletHi	
Number of Units per Layer in a non-GTIN Pallet	quantityOfTradeItemsPerPalletLayer	Number of Trade Items Per Pallet Layer/Non GTIN Pallet Ti	nonGTINPalletTi	
Count of This Specific Item in a Non-GTIN Logistic Unit	quantityOfTradeItemsPerPallet	Number of Items/Pallet	numberOfItemsPerPallet	

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GDSN Attribute Name	GDD Tag	1WorldSync Name	1WorldSync XML Tag	REMA FOODS Comments
Minimum Days of Shelf Life from Production	minimumTradeItemLifespanFromTimeOfProduction	Min Product Lifespan from Production	minimumTradeItemLifespanFromProduction	Required Attribute - The period of days, guaranteed by the manufacturer, before the expiration date of the product, based on the production.
Batch Number Indicator	hasBatchNumber	Has Batch Number	hasBatchNumbe e	Identifies if an item is marked with a batch/lot number on the data carrier. All items encoded with a (10) "lot code" in the data carrier must be marked as TRUE.
Data Carrier Type	dataCarrierTypeCode	Data Carrier Type Code	dataCarrier/dataCarrierTypeCode	The type of data carrier or bar code physically present or visible on the trade item. If the item is manufactured at multiple plants please select the most commonly used data carrier type across all plants. *See below for example of Data Carrier Types.

*Data Carrier Type Examples

GS1 DATA CARRIERS

BARCODES

EAN/UPC

GS1 DataBar®

(01) 0 0614141 987658

ITF-14

2 06 14141 98765 2

GS1 DataMatrix

(01) 00614141987658
(17) 120831
(10) A1B2C3D4E5
(21) 00098522

GS1-128

(01) 0 0614141 98765 8 (11) 120715 (10) ABC123

EPC-ENABLED RFID TAGS

Electronic Product Code (EPC®) RFID Encodings
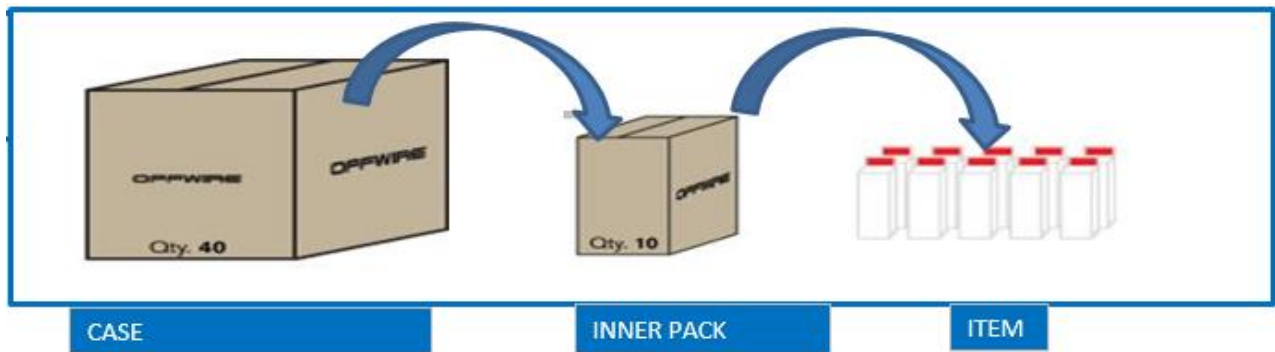
HF RFID

UHF RFID

3.1.1   SUBWAY BRANDED PRODUCTS REQUIRED ATTRIBUTE FIELDS

***Please note – <u>For ALL SUBWAY branded items</u> suppliers MUST publish at the <u>case level and provide all mandatory GDSN attributes</u> ("core or Phase 1 data").

GDSN Attribute Name	GDD Tag	1WorldSync Name	1WorldSync XML Tag	REMA FOODS Comments
Brand Name	brandName	Brand Name	brandName	When Brand Name = SUBWAY and Product Type = CA, GTIN must begin with '30825146'
Brand Owner GLN (Global Location Number)	gln	Brand Owner GLN	brandOwner	When Brand Name = SUBWAY, Brand Owner GLN must be 0825146000000
Brand Owner Name	partyName	Brand Owner Name	nameOfBrandOwner	When Brand Name = SUBWAY, Brand Owner Name must be Doctors Associates Inc

3.1.2 **PACK SIZE ATTRIBUTE REQUIREMENTS**

REMA FOODS requires that the Pack Size provided via your publications accurately reflects the way the product is packaged. Please see below for guidelines on how to populate the fields that are used to develop the Pack Size. These guidelines must be followed for all SUBWAY® branded items published at the CASE level only. No other hierarchies should be published for SUBWAY® products.

GDSN Attribute Name	GDD Tag	1WorldSync Name	Values Needed for Your Product: 6 trays of 30 cookies each with a net content of 1.7 oz.	Definition
Net Content with UoM	netContent	Net Content	180 EACH	This needs to be the Net Content of the CASE.
Inner Pack Quantity (No GTIN Assigned)	quantityOfInnerPack	Inner Pack	6	The number of inner packs are inside the case, when inner packs have no assigned GTIN
Item in Inner Pack Quantity (No GTIN Assigned)	quantityOfNextLevelTradeItemWithinInnerPack	Quantity of Next Level GTIN within Inner Pack	30	The number of items contained inside the inner pack, when those items have no assigned GTIN
Pack Size Text	shippingContainerQuantityDescription	Shipping Container Quantity Description	180/1.7 OZ BAGNBOX BULK PACK	Should accurately reflect the way the product is packaged and should include information regarding the type of items in the case: bottle, jar, jug, bag
Individual Unit Maximum with UOM	individualUnitMaximumSize	Individual Unit Max	1.7 OZ	The maximum or largest size of the individual unit inside the lowest level of packaging expressed as a measurement. In this example is the net content for each individual cookie.

3.1.3 PACK SIZE ATTRIBUTE REQUIREMENTS – BULK PRODUCE GUIDELINES

GDSN Attribute Name	GDD Tag	1WorldSync Name	25 LB Case of tomatoes all inside the case with no inner packs	Definition
Net Content with UoM	netContent	Net Content	25 LB	This needs to be the Net Content of the CASE.
Inner Pack Quantity	quantityOfInnerPack	Inner Pack	Blank	Since there are no inner packs inside the CASE, we leave it blank.
Item in Inner Pack Quantity	quantityOfNextLevelTradeItemWithinInnerPack	Quantity of Next Level GTIN within Inner Pack	50	Average number of items contained inside the inner pack, when those items have no assigned GTIN.
Pack Size Text	shippingContainerQuantityDescription	Shipping Container Quantity Description	25 LB case of tomatoes	Should accurately reflect the way the product is packaged.
Individual Unit Maximum with UOM	individualUnitMaximumSize	Individual Unit Max	0.5 LB	Average value of the individual unit inside the lowest level of packaging expressed as a measurement. In this example, is the net content for each individual tomato.

3.2 REMA FOODS Recommended

The attributes in the following table are strongly recommended to be populated. Failure to provide these attributes will not result in a REVIEW CIC being generated and the product information will be integrated, however, at a future point in the data synchronization process, REMA FOODS will call upon you to provide these attributes. The information in the following table is necessary for SUBWAY® Operating divisions.

3.2.1 ADDITIONAL ATTRIBUTE FIELDS

GDSN Attribute Name	GDD Tag	1WorldSync Name	1WorldSync XML Tag	REMA FOODS Comments
Dietary Regime Code	dietTypeCode	Diet Type Code	foodAndBevDietTypeInfo/dietTypeCode	For Kosher, Organic, Vegan, Halal, Gluten-free, etc.
Diet Type Sub Code	dietTypeSubcode	Diet Type Sub Code	foodAndBevDietTypeInfo/dietTypeSubcode	
Brand Distribution Type Code	brandDistributionTypeCode	Brand Distribution Type	brandDistributionType	Indicates whether there is restrictions distribution on the item. This flag indicates to distributors to relax their validations and allow proprietary items to bypass their audits for additional item information such as nutritional or marketing data. If you have any questions, please contact your data pool and they will assist you with populating this attribute. **REMA FOODS will accept Nutritionals and Marketing information (including images) to be published as long as the nutritionals information is published per 100 grams and not per serving size.
Minimum Days of Shelf Life at Arrival	minimumTradeItemLifespanFromTimeOfArrival	Min Product Lifespan from Arrival (Days)	minimumTradeItemLifespanFromArrival	
Packaging Type Code	packagingTypeCode	Packaging Type Code	packagingInformation/packagingTypeCode	
Pallet Type Code	platformTypeCode	Platform Type Code	packagingInformation/platformTypeCode	

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GDSN Attribute Name	GDD Tag	1WorldSync Name	1WorldSync XML Tag	REMA FOODS Comments
Individual Unit Minimum Size with UOM	individualUnitMinimumSize	Individual Unit Min	individualUnitMin	
Bioengineered Declaration Claim Code	bioengineeredDeclarationClaimCode	Bioengineered Declaration Claim Code	bioengineeredDeclarationClaimCode	
Brand Distribution Trade Item Type	brandDistributionTradeItemType	Brand Distribution Trade Item Type	brandDistributionTradeItemType	
Drained Weight with UOM	drainedWeight	Drained Weight	drainedWeight	
Manufacturing GLN (Global Location Number)	gln	Manufacturer GLN	manufacturer/gln	
Manufacturer Name	partyName	Manufacturer Name	manufacturer/name	
Order Sizing Factor with UOM	orderSizingFactor	Order Sizing Factor	orderSizingFactor	
Third Party Accreditation Symbol on Product Package Code	packagingMarkedLabelAccreditationCode	Packaging Marked Label Accreditation Code	packagingMarkedLabelAccreditationCode	
Sub Brand Name	subBrand	Sub Brand	subBrand	
Stacking Factor	stackingFactor	Stacking Factor	tradeItemStacking/stackingFactor	
Stacking Factor Type Code	stackingFactorTypeCode	Stacking Factor Type Code	tradeItemStacking/stackingFactorTypeCode	
Stacking Pattern Type Code	stackingPatternTypeCode	Stacking Pattern Type Code	tradeItemStacking/stackingPatternTypeCode	

3.3　　　Marketing Information

REMA FOODS now requires suppliers to publish all applicable Phase 2 attributes. Note: REVIEW CICs will not be sent back at this time for missing marketing, allergen information. Please see the list of Phase 2 categories below. Also, notice the following attribute tables outlining the required attributes for each category.

<table>
<tr><td align="center">**Marketing Information**</td></tr>
<tr><td>MARKETING INFORMATION INCLUDE DETAILS YOU WOULD USE TO SELL AND MARKET AN ITEM.

• INGREDIENTS

• LINKS TO WEBSITE/IMAGES/DOCUMENTS

• ALLERGENS</td></tr>
</table>

3.3.1　　　INGREDIENTS

GDSN Attribute Name	GDD Tag	1WorldSync Name	1WorldSync XML Tag	REMA FOODS Comments
Ingredient Statement- English (& Spanish optional)	ingredientStatement	Ingredient Statement	ingredientStatement/statement ingredientStatement/sequenceNumber	Information on the constituent ingredient make-up of the product specified as one string. Allows for the representation of the same value in different languages but not for different values.
Ingredient	ingredientName	Ingredient Name	foodAndBevIngredient/ingredientName foodAndBevIngredient/ingredientSequence	Text field indicating one ingredient or ingredient group (according to regulations of the target market). Ingredients include any additives (colorings, preservatives, e-numbers, etc.) that are encompassed.

3.3.2 **LINKS TO WEBSITE/IMAGES/DOCUMENTS**

GDSN Attribute Name	GDD Tag	1WorldSync Name	1WorldSync XML Tag	REMA FOODS Comments
Product Image URL	uniformResource Identifier	Uniform Resource Identifier	externalFileLink/u niformResourceId entifier	Links to Websites, Images, Documents, Video, Audio Files The type of file that is being referenced for example Safety Data Sheet or Product Image.
File Name	fileName	File Name	externalFileLink/e xternalFileLinkFile Name	Simple text string that refers to a resource on the internet, URLs may refer to documents, resources, people, etc.
Content Description	contentDescripti on	Content Description	externalFileLink/e xternalFileLinkCo ntentDescription	
Digital Asset End Date/Time	fileEffectiveEndD ateTime	File Effective End Date	externalFileLink/fi leEffectiveEndDat eTime	
Digital Asset Start Date/Time	fileEffectiveStart DateTime	File Effective Start Date	externalFileLink/fi leEffectiveStartDa teTime	
File Format Name	fileFormatName	File Format Name	externalFileLink/fi leFormatName	
na	na	Image Background	externalFileLink/i mageBackground	
na	na	Image Facing	externalFileLink/i mageFacing	
na	na	Image Source	externalFileLink/i mageSource	
Is File Background Transparent	isFileBackground Transparent	Is File Background Transparent	externalFileLink/is FileBackgroundTr ansparent	
na	na	Shared With	externalFileLink/s haredWith	
Digital Asset Type Code	referencedFileTy peCode	Referenced File Type Code	externalFileLink/t ypeOfInformation	

3.3.3   **ALLERGEN INFORMATION**

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. The allergen information must be displayed through the 2 below Attributes for each of the Big 8 allergens:

GDSN Attribute Name	GDD Tag	1WorldSync Name	1WorldSync XML Tag	REMA FOODS Comments
Allergen Type Code	allergenTypeCode	Allergen Type Code	allergenRelatedInformation/allergen/allergenTypeCode	
Allergen Containment Code	levelOfContainmentCode	Level of Containment	allergenRelatedInformation/allergen/levelOfContainmentCode	
Allergen Specification Agency	allergenSpecificationAgency	Allergen Specification Agency	allergenRelatedInformation/allergenSpecificationAgency	
Allergen Specification Name	allergenSpecificationName	Allergen Specification Name	allergenRelatedInformation/allergenSpecificationName	
Allergen Declarations Indicator	isAllergenRelevantDataProvided	Allergen Relevant Data Provided?	allergenRelatedInformation/isAllergenRelevantDataProvided	

Below is a list of the required Allergens. The attribute "Allergen Type Code" is a coded attribute, so please reference the associated codes listed below.

Allergen Type Codes		REMA FOODS Comments
AM or ML	Milk and its derivatives	AM - Milk and its derivatives
AS	Sesame Seeds and their derivatives	
AY	Soybeans and their derivatives	
AN	Nuts and their derivatives	
AW, AX, GB, GK, GL, GO, NR, SX, UW, GS	Wheat and its derivatives	UW - Wheat and its derivatives
ABF, CLM, COK, CON, LSN, MSS, OYS, SCA, SQU, UM, ABG, ABH, ABJ, ABK, ABL, AC, UN (Inclusive of shellfish)	Crustaceans and their derivatives	AC - Crustaceans and their derivatives
AE	Eggs and their derivatives	
ABD, ABE, ABI, ACP, ADB, ADC, ADE, ADF, ADG, ADH, ADI, ADJ, ADK, ADL, ADM, ADP, ADQ, ADR, ADS, ADT, ADU, ADV, ADW, AF, ANO, AWF	Fish and their derivatives	AF - Fish and their derivatives
AN, PN, SA, SC, SD, SE, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, ST, SW (This is for tree nuts and does not include ground nuts)	Nuts and their Derivatives	AN - Nuts and their derivatives
AP	Peanuts	