



WORLD
SYNC

Release Notes

ITEM MANAGEMENT 8.20

VERSION 5

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Introduction

Overview

This document contains the content for the Item Management (IM) 8.20 release, including new features and functionality, playlist updates, the May 2021 GDSN 3.1.15 release impacts, machine-to-machine updates and defect resolutions.

Non-Backwards Compatibility

This release is non-backwards compatible for Item Management (IM). The changes specified as non-backwards compatible are provided in the [GDSN Updates](#) section. In addition, a new Item Load (FUSE) spreadsheet will be available to trading partners to accommodate changes in this release.

Updates to the 1WS XML schemas are also included with this release. While these updates are backwards compatible, we highly recommend adoption of the new schemas to utilize the updates included with this release. See the [M2M Updates](#) section for more details.

Solutions Impacted

This release impacts the following 1WorldSync solutions:

- Item Management (IM)
- Product Introduction (PI/VIP)
- Digital Catalog
- Content1
- Data Accuracy Scorecard

Release Dates

Release dates are as follows:

Release	Pre-Production	Production
Item Management (IM) 8.20	January 29, 2021 March 26, 2021 May 7, 2021 May 14, 2021	May 15, 2021
Product Introduction (PI/VIP) 4.21		
Digital Catalog 2.5		
Content1 3.1.15		
Data Accuracy Scorecard 1.15		

Documentation

The documents listed below are updated for this release and are available in the 1WorldSync Solution Center Implementation tab. Please review the document change records for details about the updates. See [Appendix B](#) for instructions to access documents in the 1WorldSync Solution Center.

- IM 8.20 Participant Dictionary
- IM 8.20 Validations Document
- IM 8.20 1WS XML Schemas
- IM 8.20 Data Source & Data Recipient 1WS XML Samples
- IM 8.20 Data Source & Data Recipient 1WS XML Guides
- IM 8.20 Data Source & Data Recipient Excel Companions
- IM 8.20 Inbound API Sample

New Features & Functionality

The following new features and functionality are included in this release for Item Management (Enhanced). For more in depth information, sign up for one of our [Content Synchronization for Business Professionals](#) or [Item Management Overview and Q&A](#) classes today!

Item Search

We want to make sure that finding your items is quick and easy, so we're continuing to make enhancements to our Item Search like the ones below!

The **Search & Clear** buttons now “stick” to the bottom of the side search bar area so they are always visible. No more scrolling down to find these buttons!

When you click the **x** to clear a text field and press the ENTER key, a new search is executed. Using just your keyboard to search for items is a snap! You should try it.

The **Active List** filter is now included under Simple Search, making it easier to find and use. Lists provide a powerful tool to help you group together items for everyday tasks like publishing and reporting. Did you know that Lists created in Item Management can also be used in Digital Catalog?

The screenshot shows the 'Simple Search' sidebar. At the top, there's a search bar with 'lasagna' entered. Below it is the 'Active List' dropdown, which is highlighted with a red box. Underneath is the 'Advanced Search' section with various filters like Item ID, Item Name, Information Provider, Target Market, Product Type, GPC Category, Last Modified Date, and Consumer Unit. At the bottom of the sidebar, the 'Clear' and 'Search' buttons are highlighted with a red box.

Item Details

Check out these exciting enhancements to our Item Details page!

Recipient Dependent Data (RDD)

When data is populated for a specific recipient, the **Recipient** field now displays both the **GLN** and the **Recipient name**, making it easy for you to know to which retailer the data belongs. If the name is too large to display fully in the field, simply hover over the field and the full name displays in the hover text.

The screenshot shows the 'Marketing Message' section of the Item Details page. The 'Recipient' field is highlighted with a red box. It displays '0838016007573 Test R...' and a tooltip shows the full name '0838016007573 Test Retailer'. Below this, there's a section for 'Ordering Unit Indicator' with 'True' and 'False' options. The 'Clear' and 'Search' buttons are highlighted with a red box.

Nutritionals Entry & NFP

Got to enter some nutritional info for an item? Grab your package and enter straight from your NFP! We've moved some attributes and columns around to ensure that all nutrient attributes are grouped together and in the order shown on the NFP so that entry is a breeze! Remember to click the **Show NFP** button to display the NFP on screen to double check your work.

Nutrition Facts

Measurement Precision Of Number Of Servings Per Package: Usually

Number Of Servings Per Package: 1

Advanced View Voluntary View Simple View **Show NFP**

Preparation State	Serving Size Description	Serving Size	Nutrient Basis Qty Type
Value	Language	Value	Unit of Measure
Heat and Serve	1 Pkg	340	Gram

Nutrient Type Code	Measurement Precision	Nutrient Quantity Contained	Percentage of Daily Value Intake	Nutrient Value Derivation Code
Value	Unit of Measure	Measurement Precision Code	Percentage	
Calories	Exact	420	Kilocalorie	Select
Total Fat	Exact	20	Gram	26
Saturated Fat	Exact	6	Gram	40
Transfatty Acid	Exact	0	Gram	Select
Cholesterol	Exact	50	Miligram	17

Nutrient Fact Label

Nutrition Facts
Usually 1 servings per container

Serving Size 1 Pkg (340 g)

Amount Per serving:
Calories 420

% Daily Value*

Total Fat	20g	26%
Saturated Fat	6g	40%
Trans Fat	0g	
Cholesterol	50mg	17%
Sodium	780mg	34%
Total Carbohydrates	40g	15%
Dietary Fiber	3g	11%
Total Sugars	6g	
Includes 1g Added Sugars		2%
Protein	20g	
Vitamin D 2mcg (80 IU)		2%
Calcium 190mg		15%
Iron 2.2mg		10%
Potassium 720mg		15%

* The % Daily Value tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

DAM Image Carousel

EFL (External File Link) images in the DAM image carousel now display with a banner across the bottom of the thumbnail to indicate that they are EFL images. 360° images in the carousel already display with a banner while DAM images have no banner.

Item Name: Wireless Barcode Scanner English Product Type: Each

Playlists: All Populated Most Popular Basic GDSN Item

Acme
Wireless Barcode Scanner

08521369741004
UNITED STATES

Best scanner ever!

- Feature Benefit
- Feature Benefit
- Feature Benefit

EFL

Choose files to upload
Or drag and drop them here

Sales Slick

The one-page Sales Slick is reformatted to accommodate all text for Feature Benefits, Instructions, Allergens and Nutritional Claims and only display section headers when data is present.

Mama Mia Extra Cheese Lasagna - 12 ounce container

GTIN: 08521369742063 | UPC:
NET CONTENT: 12 Ounce | PRODUCT ID:



Mama Mia has the finest extra cheese lasagna in the world! It's made with no preservatives and features quality ingredients like freshly made pasta layered between 100% pure beef, Italian herb seasoned tomato sauce and three types of cheese: ricotta, Parmesan, and mozzarella. Always hand-layered. Always delicious. Share a favorite dish with your family and friends.

FEATURES & BENEFITS

- Hand-layered
- Wholesome, simple ingredients
- Made with real cheese

INSTRUCTIONS

- Store product for no longer than 365 days after production at a temperature between -10° and 0° Fahrenheit
- Cooking Instructions: Do Not Thaw. Keep Frozen Until Ready To Use. For safety, must be cooked to an internal temperature of 160° Fahrenheit as measured by use of a food thermometer. Conventional Oven: Yes, ovens take longer, but it taste (and smells) better that way. 1. Preheat oven to 400° Fahrenheit. Remove entree from carton. 2. Place tray on cookie sheet on center rack of oven (6-8" from heating element). Cook with film on for 70-75 minutes. 3. Carefully remove entree from oven. Remove film and let stand for 5 minutes before serving. Keep frozen & cook thoroughly.
- Cook in oven or microwave.

ALLERGENS

- Contains: Milk, egg, wheat

Brand Owner
Brand Name Mama Mia
Manufacturer
Volume
Minimum Life Span (days)
From Arrival: **From Production:** 365
Storage & Handling Temperature
Minimum: -10 °F **Maximum:** 0 °F
Origin Region: **Country:**
INGREDIENTS: Tomatoes (tomatoes, Salt), Water, Pasta (durum Semolina), Ricotta Cheese (milk [whole & Skim], Vinegar, Salt), Tomatoes, Mozzarella Cheese (pasteurized Milk, Cheese Culture, Salt, Enzymes), Onions, Egg, Soy Oil, Salt, Spices, Garlic, Granulated Garlic, Olive Oil.

Item History Report & Worklist

We updated the **Item History Report** and the **Worklist** to display both the **GLN** and **Recipient Name** (instead of just the GLN number) in the Recipient column so that you can immediately identify the recipient. This applies to the data shown on screen and the export.

LAUNCH APPLICATIONS

Item History Report

Download

Refine Search

Enter report filters parameters to refine the results
Filtered by: Item ID

Item ID	TM	Recipient	Operation	Correlation ID	Mode Type	Status	Process Status	Last Modified Date	Date Created
08521369742063	US	0838016008025 1WS PreProd RTL GLN2	ItemStoreNotification Add	cin.LMSAM28590019K	BATCH	Completed	Processed	2021-05-10 16:28:59	2021-05-10 16:28:59
08521369742063	US	0838016008025 1WS PreProd RTL GLN2	ItemConfirmation Add	cin.LMSAM28590019K	BATCH	Completed	Processed	2021-05-10 16:28:59	2021-05-10 16:28:59

LAUNCH APPLICATIONS

Worklist

Hide Item Export Worklist

Quick Tip

Search Worklist

Enter search parameters to refine worklist
Filtered by: No Filters Applied

Today | Last Week | Last Month | 90 Days

Successful Warning Error

	Status	Item ID	Information Provider Name	Target Market	GPC	Recipient	Event	Result	Method	User	Date and Time
☐		01060000005022	1WS PreProd IP GLN 1	US	10000156 Baking/Cooking Mixes (Shelf Stable)	0838016008025 1WS PreProd RTL GLN2	ITEM MODIFY	COMPLETED WITH WARNINGS	UI	rtanneru@tworlidsync.com	05/11/2021 01:53:29
☐		01060000005022	1WS PreProd IP GLN 1	US	10000156 Baking/Cooking Mixes (Shelf Stable)	0838016008025 1WS PreProd RTL GLN2	ITEM MODIFY	COMPLETED WITH WARNINGS	UI	rtanneru@tworlidsync.com	05/11/2021 01:52:34
☐		08521369742063	1WS PreProd IP GLN 1	US	10000318 Pasta/Noodles - Not Ready to Eat (Frozen)	0838016008025 1WS PreProd RTL GLN2	ACCEPTREJECTRE SPONSE ADD	RECEIVED	AS2	0838016008013	05/10/2021 16:28:59
☐		08521369742063	1WS PreProd IP GLN 1	US	10000318 Pasta/Noodles - Not Ready to Eat (Frozen)	0838016008025 1WS PreProd RTL GLN2	ITEM MODIFY	COMPLETED WITH WARNINGS	UI	strackett@tworlidsync.com	05/10/2021 16:15:34
☐		08521369742063	1WS PreProd IP GLN 1	US	10000318 Pasta/Noodles - Not Ready to Eat (Frozen)	0838016008025 1WS PreProd RTL GLN2	ACCEPTREJECTRE SPONSE ADD	RECEIVED	AS2	0838016008013	05/10/2021 16:13:56
☐		08521369742063	1WS PreProd IP GLN 1	US	10000318 Pasta/Noodles - Not Ready to Eat (Frozen)	0838016008025 1WS PreProd RTL GLN2	ITEM MODIFY	COMPLETED WITH WARNINGS	UI	strackett@tworlidsync.com	05/10/2021 16:11:16
☐		08521369742063	1WS PreProd IP GLN 1	US	10000318 Pasta/Noodles - Not Ready to Eat (Frozen)	0838016008025 1WS PreProd RTL GLN2	ITEM MODIFY	COMPLETED WITH WARNINGS	UI	strackett@tworlidsync.com	05/10/2021 16:04:43
☐		08521369742063	1WS PreProd IP GLN 1	US	10000318 Pasta/Noodles - Not Ready to Eat (Frozen)	0838016008025 1WS PreProd RTL GLN2	ITEM MODIFY	COMPLETED WITH WARNINGS	UI	strackett@tworlidsync.com	05/10/2021 16:03:45
☐		08521369742063	1WS PreProd IP GLN 1	US	10000318 Pasta/Noodles - Not Ready to Eat (Frozen)	0838016008025 1WS PreProd RTL GLN2	ITEM MODIFY	COMPLETED WITH WARNINGS	UI	strackett@tworlidsync.com	05/10/2021 16:02:41
☐		08521369742063	1WS PreProd IP GLN 1	US	10000318 Pasta/Noodles - Not Ready to Eat (Frozen)	0838016008025 1WS PreProd RTL GLN2	ITEM MODIFY	COMPLETED WITH WARNINGS	UI	strackett@tworlidsync.com	05/10/2021 16:00:13

Playlist Updates

Playlist updates are included in this release for Item Management (Enhanced). For additional information, see the *IM Playlists* and *IM Playlist Attributes* tabs in the Participant Dictionary.

What is a playlist?

A playlist defines a list of attributes and validations for a target such as a Recipient, Supplier, or industry. Associating a playlist with your item gives you the capability to ensure that you have access to all attributes needed to fulfill the requirements for your target.

Recipient Playlists

Updates to Recipient playlists are listed below.

- **Bunzl CleanIt** – New playlist
- **McLane** – Validation changes
- **Walmart- Canada** – Added new attributes and validations

1WS Category Playlists

Updates to 1WS Category (industry specific) playlists are listed below.

- **Basic GDSN Item** – Attribute changes
- **Basic Item** – Attribute changes
- **Food and Beverage Products** – Merged the **Food and Beverage** playlist with the **Foodservice** playlist into one playlist renamed **Food and Beverage Products**

GDSN Updates

GDSN 3.1.15 Release Overview

The May 15, 2021 GDSN 3.1.15 Large Maintenance release contains updates to attributes, code lists (valid values), validations and GPC codes. Item Management (IM) 8.20 includes the GDSN updates shown below. **This is a non-backwards compatible release for IM.**

- **Attributes**
 - [9 attribute migrations](#) - ****non-backwards compatible changes****
 - [98 attribute additions](#)
 - [29 attribute and 6 attribute group changes](#)
- **Code Lists (valid values)**
 - [1110 valid value additions](#)
 - [90 valid value changes](#)
 - [2 valid value deletes](#)
- **Validations**
 - [25 validation additions](#)
 - [7 validation changes](#)
 - [5 validation deletes](#)
- **GPC Codes**
 - [49 GPC additions](#)
 - [6 GPC changes](#)
 - [6 GPC deletes](#)

New attributes are added exclusively in Item Management (IM) Enhanced. While some new attributes may appear in IM Classic, they will not all be available. We highly recommend you utilize IM Enhanced for full access to all attribution and functionality.

Full details on attributes, code lists (valid values) and validations can be found in the IM 8.20 Participant Dictionary and Validations Document (refer to the document change record for specifics).
 Note: See [Appendix B](#) for instructions to access documents in the 1WorldSync Solution Center.

For details on GPC codes, please refer to the GS1 Global Product Classification (GPC) web pages at <https://www.gs1.org/standards/gpc>.

1WS XML Schemas

New 1WS XML schemas are available for this release. While the updates to the schemas are backwards compatible, we highly recommend adoption of the new schemas to utilize the updates included with this release. See the [1WS XML Schema Updates](#) section for more details.

Item Load (FUSE)

An updated version of the Item Load (FUSE) spreadsheet for uploading data to Item Management (IM) will be provided to accommodate the new and changing attributes in this release. You can easily download the new version of the Item Load (FUSE) spreadsheet after the release deployment dates using the Export Data option in IM.

Pre-Production Release Testing

Due to the large number of changes associated with this release, especially changes that impact our healthcare community, Item Management (IM) 8.20 will be released into our Pre-Production environment on January 29, 2021, providing an extended 15-week test period before the Production release on May 7, 2021. Customers wanting to test should ensure they have access to their Pre-Production instance prior to January 29. Please contact us at technicalsupport@1worldsync.com for any assistance with access.

Production Deployment Outage

There will be an extended outage window for the production deployment on May 15, 2021 from 9:00am – 6:00pm ET.

GDSN 3.1.15 Attribute Updates

Attribute Migrations

9 attribute migrations are listed below and grouped by the type of new attribute structure. These changes are **non-backwards compatible** for this Item Management (IM) release. Existing values in IM for these attributes will be migrated during the respective Pre-Production and Production [release deployment dates](#).

- **New Repeating Groups with Sequence Number** - The following attributes are migrating to new repeating groups with a sequence number
 - Ingredient Statement
ingredientStatement → ingredientStatement/statement & ingredientStatement/sequenceNumber
 - Ingredient Statement (Component Information section)
componentInformation/foodAndBeverageIngredientInformation/ingredientStatement →
componentInformation/foodAndBeverageIngredientInformation/ingredientStatement/statement &
componentInformation/foodAndBeverageIngredientInformation/ingredientStatement/sequenceNumber
- **New Repeating Groups** - The following attributes are migrating to new repeating groups
 - Nutritional Program Code
nutritionalProgramCode → nutritionalProgram/nutritionalProgramCode
 - Nutritional Program Detail
nutritionalProgramDetail → nutritionalProgram/nutritionalProgramDetail
 - Nutritional Score
nutritionalScore → nutritionalProgram/nutritionalScore
 - Nutritional Value
nutritionalValue → nutritionalProgram/nutritionalValue
 - Nutritional Program Ingredient Measurement
nutritionalProgramIngredientMeasurement →
nutritionalProgram/nutritionalProgramIngredients/nutritionalProgramIngredientMeasurement
 - Nutritional Program Ingredient Type Code
nutritionalProgramIngredientTypeCode →
nutritionalProgram/nutritionalProgramIngredients/nutritionalProgramIngredientTypeCode
- **New Multilingual Capability** - The following attribute is migrating to a structure that allows values for multiple languages
 - Non Food Ingredient Name : A → AQM
nonfoodIngredient/nonFoodIngredientName

Attribute Additions

98 new attributes are listed below with their 1WS XML name and grouped by module.

- **Alcohol Info**

- Alcohol Beverage Age
alcoholBeverageAge
- Alcohol Beverage Container Material Code
alcoholBeverageContainer/containerMaterialCode
- Alcohol Beverage Container Process Type Code
alcoholBeverageContainer/containerProcessTypeCode
- Alcohol Beverage Container Shape Code
alcoholBeverageContainer/containerShapeCode
- Alcohol Beverage Container Type Code
alcoholBeverageContainer/containerTypeCode
- Alcohol Beverage Distilled From Code
alcoholBeverageDistilledFromCode
- Alcohol Beverage Filtering Method Type Code
alcoholBeverageFilteringMethodTypeCode
- Alcohol Beverage Production Method Type Code
alcoholBeverageProductionMethodTypeCode
- Alcohol Beverage Type Code
alcoholBeverageTypeCode
- Beer Style Code
beerStyleCode
- Is Cask Strength
isCaskStrength
- Primary Added Flavouring Code
primaryAddedFlavouringCode
- Secondary Added Flavouring Code
secondaryAddedFlavouringCode

- **Certification Info**

- Certification Execution Country Code
certificationInformation/certification/certificationExecutionCountryCode
- Certification Execution Country Code
componentInformation/certificationInformation/certification/certificationExecutionCountryCode

- **Chemical Regulation Info**

- Carcinogenic Mutagenic Reprotoxic Type Code
chemicalRegulationInformation/chemicalRegulation/regulatedChemical/carcinogenicMutagenicReprotoxicTypeCode
- Carcinogenic Mutagenic Reprotoxic Type Code
componentInformation/chemicalRegulations/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/carcinogenicMutagenicReprotoxicTypeCode
- Regulated Chemical Type Code
chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalTypeCode
- Regulated Chemical Type Code
componentInformation/chemicalRegulations/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalTypeCode

- **Diet Info**
 - Certification Execution Country Code
foodAndBevDietTypeInfo/certification/certificationExecutionCountryCode
 - Certification Execution Country Code
componentInformation/dietInformation/foodAndBevDietTypeInfo/certification/certificationExecutionCountryCode
- **Food and Bev Ingredient**
 - Sequence Number
ingredientStatement/sequenceNumber
 - Sequence Number
componentInformation/foodAndBeverageIngredientInformation/ingredientStatement/sequenceNumber
- **Health Care Item Info**
 - Clinical Size Measurement Precision
clinicalSize/clinicalSizeMeasurementPrecisionCode
 - Clinical Size Value Maximum
clinicalSize/clinicalSizeValueMaximum
 - Clinical Storage Handling Description
clinicalStorageHandlingInformation/clinicalStorageHandlingDescription
 - Clinical Storage Handling Type Code
clinicalStorageHandlingInformation/clinicalStorageHandlingTypeCode
 - Does Trade Item Contain Animal Tissue
doesTradeItemContainAnimalTissue
 - Does Trade Item Contain Microbial Substance
doesTradeItemContainMicrobialSubstance
 - Warnings or Contra Indication Description
clinicalWarning/warningsOrContraIndicationDescription
- **Lighting Device**
 - Declared Power
lightBulbInformation/declaredPower
 - Equivalent Light Bulb Power
lightBulbInformation/equivalentLightBulbPower
 - Is Light Bulb Suitable for Accent Lighting
lightBulbInformation/isLightBulbSuitableForAccentLighting
 - Light Bulb Warm Up Time
lightBulbInformation/lightBulbWarmUpTime
 - Maximum Color Temperature
lightBulbInformation/maximumColourTemperature
 - Minimum Color Temperature
lightBulbInformation/minimumColourTemperature
- **Medical Device Trade Item**
 - Annex XVI Intended Purpose Type Code
annexXVIIntendedPurposeTypeCode
 - Device Sub Status End Date Time
medicalDeviceSubStatusInformation/deviceSubStatusEndDateTime
 - Device Sub Status Start Date Time
medicalDeviceSubStatusInformation/deviceSubStatusStartDateTime

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- EU Medical Device Status Code
eUMedicalDeviceStatusCode
- EU Medical Device Sub Status Code
medicalDeviceSubStatusInformation/eUMedicalDeviceSubStatusCode
- Has Device Measuring Function
hasDeviceMeasuringFunction
- Is Active Device
isActiveDevice
- Is Device Companion Diagnostic
isDeviceCompanionDiagnostic
- Is Device Designed for Professional Testing
isDeviceDesignedForProfessionalTesting
- Is Device Exempt from Implant Obligations
isDeviceExemptFromImplantObligations
- Is Device Instrument
isDeviceInstrument
- Is Device Intended to Administer or Remove Medicinal Product
isDeviceIntendedToAdministerOrRemoveMedicinalProduct
- Is Device Medicinal Product
isDeviceMedicinalProduct
- Is Device Near Patient Testing
isDeviceNearPatientTesting
- Is Device Patient Self Testing
isDevicePatientSelfTesting
- Is Device Reagent
isDeviceReagent
- Is New Device
isNewDevice
- Is Reprocessed Single Use Device
isReprocessedSingleUseDevice
- Is Reusable Surgical Instrument
isReusableSurgicalInstrument
- Multi Component Device Type Code
multiComponentDeviceTypeCode
- Recall Precision
medicalDeviceSubStatusInformation/recallPrecision
- Recall Scope Type Code
medicalDeviceSubStatusInformation/recallScopeTypeCode
- Special Device Type Code
specialDeviceTypeCode
- System Or Procedure Pack Medical Purpose Description
systemOrProcedurePackMedicalPurposeDescription
- System Or Procedure Pack Type Code
systemOrProcedurePackTypeCode
- UDI Production Identifier Type Code
uDIProductionIdentifierTypeCode

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- **Nutritional Info**
 - Claim Marked On Package
nutritionalClaimDetail/claimMarkedOnPackage
 - Claim Marked On Package
componentInformation/nutritionalInformation/nutritionalClaimDetail/claimMarkedOnPackage
- **Sales Info**
 - End Availability Date Time
targetMarketSalesConditions/salesConditionTargetMarketCountry/endAvailabilityDateTime
 - Start Availability Date Time
targetMarketSalesConditions/salesConditionTargetMarketCountry/startAvailabilityDateTime
- **Trade Item**
 - Brand Owner Language Specific Party Name
brandOwnerLanguageSpecificPartyName
 - Communication Channel Code
globalModelInformation/globalModelContactInformation/afterHoursCommunicationChannel/communicationChannelCode
 - Communication Channel Name
globalModelInformation/globalModelContactInformation/afterHoursCommunicationChannel/communicationChannelName
 - Communication Value
globalModelInformation/globalModelContactInformation/afterHoursCommunicationChannel/communicationValue
 - Complement Address
brandOwnerStructuredAddress/complementAddress
 - Complement Address
informationProviderStructuredAddress/complementAddress
 - Complement Address
manufacturer/structuredAddress/complementAddress
 - Complement Address
partyInRole/structuredAddress/complementAddress
 - Complement Address
tradeItemContactInfo/structuredAddress/complementAddress
 - Contact Type
globalModelInformation/globalModelContactInformation/contactTypeCode
 - Country Code
globalModelInformation/globalModelRegulatoryInformation/globalModelRegulatoryActCountry/countryCode
 - Country Subdivision Code
globalModelInformation/globalModelRegulatoryInformation/globalModelRegulatoryActCountry/countrySubdivisionCode
 - Department Name
globalModelInformation/globalModelContactInformation/departmentName
 - Global Model Description
globalModelInformation/globalModelDescription
 - Global Model Regulatory Act
globalModelInformation/globalModelRegulatoryInformation/globalModelRegulatoryAct
 - Information Provider Language Specific Party Name
informationProviderLanguageSpecificPartyName

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- Is Communication Channel Preferred?
globalModelInformation/globalModelContactInformation/afterHoursCommunicationChannel/isCommunicationChannelPreferred
- Job Title
globalModelInformation/globalModelContactInformation/jobTitle
- Manufacturer Language Specific Party Name
manufacturer/languageSpecificPartyName
- Party Language Specific Party Name
partyInRole/languageSpecificPartyName
- Person Name
globalModelInformation/globalModelContactInformation/personName
- PO Box
brandOwnerStructuredAddress/poBox
- PO Box
informationProviderStructuredAddress/poBox
- PO Box
manufacturer/structuredAddress/poBox
- PO Box
partyInRole/structuredAddress/poBox
- PO Box
tradeItemContactInfo/structuredAddress/poBox
- Responsibility
globalModelInformation/globalModelContactInformation/responsibility
- Street Number
brandOwnerStructuredAddress/streetNumber
- Street Number
informationProviderStructuredAddress/streetNumber
- Street Number
manufacturer/structuredAddress/streetNumber
- Street Number
partyInRole/structuredAddress/streetNumber
- Street Number
tradeItemContactInfo/structuredAddress/streetNumber

Attribute Changes

29 attribute changes and 6 attribute group changes are listed below and grouped by type of change.

- **Help Text Updates**

- Country Code
targetMarketSalesConditions/salesConditionTargetMarketCountry/countryCode
- Country Subdivision Code
targetMarketSalesConditions/salesConditionTargetMarketCountry/countrySubdivisionCode
- Healthcare Grouped Product Code
healthcareGroupedProductCode
- Non Food Ingredient Statement Message
nonfoodIngredientStatement/statement
- Nutritional Claim
componentInformation/nutritionalInformation/nutritionalClaim

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- Nutritional Claim
nutritionalClaim
- Regulated Chemical Name
chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalName
- Regulated Chemical Name
componentInformation/chemicalRegulations/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalName
- Street Address
brandOwnerStructuredAddress/streetAddress
- Street Address
informationProviderStructuredAddress/streetAddress
- Street Address
manufacturer/structuredAddress/streetAddress
- Street Address
partyInRole/structuredAddress/streetAddress
- Street Address
tradeItemContactInfo/structuredAddress/streetAddress
- **Length Increases**
 - Additional Description: 500 → 2000
additionalDescription
 - Additional Description: 500 → 2000
componentInformation/descriptionInformation/additionalDescription
 - Certification Identification : 35 → 120
certificationInformation/certification/certificationIdentification
 - Certification Identification : 35 → 120
componentInformation/certificationInformation/certification/certificationIdentification
 - Certification Identification : 35 → 120
foodAndBevDietTypeInfo/certification/certificationIdentification
 - Certification Identification : 35 → 120
componentInformation/dietInformation/foodAndBevDietTypeInfo/certification/certificationIdentification
 - Regulated Chemical Description : 1000 → 2000
chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalDescription
 - Regulated Chemical Description : 1000 → 2000
componentInformation/chemicalRegulations/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalDescription
 - Regulated Chemical Name : 1000 → 2000
chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalName
 - Regulated Chemical Name : 1000 → 2000
componentInformation/chemicalRegulations/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalName
- **Mandatory-Dependent Changes**
 - Invoice Unit Indicator : No longer mandatory in all markets (see validation rule additions and deletes for details)
isInvoiceUnit

- **Multiple Value Support**
 - Non Food Ingredient Statement Message : Single value multi-language → Multi-value multi-language
nonfoodIngredientStatement/statement
- **Planned for Future Deprecation** – The following attributes are planned for deprecation in a future GDSN release. See the Participant Dictionary for details on attributes to use instead.
 - Health Claim Description
healthClaimDescription
 - Health Claims
healthClaimCode
 - Package Marks Diet Allergen
packageMarksDietAllergen
 - Package Marks Free From
packageMarksFreeFrom
- **Recipient Specific Value Support** – The following attribute groups now have the ability to capture recipient specific values.
 - Certification Information group : AGM → AGRM
certificationInformation
 - Chemical Regulation Information group : AGM → AGRM
chemicalRegulationInformation
 - Clinical Size group : AGM → AGRM
clinicalSize
 - Clinical Warning group : AGM → AGRM
clinicalWarning
 - Food And Bev Diet Type Info group : AGM → AGRM
foodAndBevDietTypeInfo
 - Global Model Information group : AGM → AGRM
globalModelInformation

GDSN 3.1.15 Code List (Valid Value) Updates

Valid Value Additions

1110 new valid values are summarized below by code list and grouped as Existing or New.

- **Existing Code Lists**
 - AdditionalPartyIDList (3)
 - AdditionalTradeItemIdentificationTypeCode (12)
 - alternateClassificationSchemeCode (5)
 - alternateItemIdentificationAgency (12)
 - ApplicationIdentifierTypeCode (4)
 - AreaCountDimensionInfoStorageMassVolumeUOM (7)
 - BatteryTechnologyTypeCodeList (16)
 - ClinicalWarningAgencyCode (1)
 - ConsumerSalesCondition (2)
 - ContactTypeCodeList (5)
 - DensityUOM (4)
 - EnergyUOM (7)

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- FDASizeType (46)
- FDASizeTypeUOM (109)
- FeatureCode (3)
- FBNutrientTypeCode (1)
- GAMBatteryType (3)
- MassEnergyVolumeInfoStorageUOM (14)
- MassUOM (6)
- MassVolumeCountUOM (7)
- MassVolumeProportionCountUOM (7)
- NutritionalClaimNutrientElementCode (2)
- NutritionalProgramCodes (1)
- NutritionalProgramIngredientTypeCode (1)
- PackagingFunctions (1)
- PackagingMarkedLabelAccreditationCode (14)
- PackagingMaterialTypeCode (1)
- PlatformTypeCode (1)
- PressureUOM (7)
- ReferencedFileTypeCode (1)
- SDSStandardCode (2)
- SoundUOM (1)
- TimeUOM (38)
- TradeItemRegulationTypeCode (1)
- uom (109)
- VelocityUOM (25)
- VolumeUOM (1)
- **New Code Lists**
 - AlcoholBeverageDistilledFromCode (22)
 - AlcoholBeverageFilteringMethodTypeCode (13)
 - AlcoholBeverageTypeCode (148)
 - AnnexXVIintendedPurposeTypeCode (6)
 - BeerStyleTypeCode (136)
 - CarcinogenicMutagenicReprotoxicTypeCode (2)
 - ClinicalSizeMeasurementPrecisionCode (3)
 - ClinicalStorageHandlingTypeCode (31)
 - ContainerMaterialCode (7)
 - ContainerProcessTypeCode (3)
 - ContainerShapeCode (21)
 - ContainerTypeCode (11)
 - EUMedicalDeviceStatus (3)
 - EUMedicalDeviceSubStatus (2)
 - MultiComponentDeviceTypeCode (3)
 - PrimaryAddedFlavouringCode (100)
 - RecallScopeTypeCode (4)
 - RegulatedChemicalTypeCode (4)
 - SecondaryAddedFlavouringCode (100)

- SpecialDeviceTypeCode (4)
- SystemOrProcedurePackTypeCode (2)
- UDIProductionIdentifierTypeCode (5)

Valid Value Changes

90 valid value changes are summarized below by code list and grouped by type of change.

- **Description Change**
 - AdditionalTradeItemIdentificationTypeCode (5)
 - alternateClassificationSchemeCode (1)
 - alternateItemIdentificationAgency (5)
 - ImportClassificationType (1)
 - NutritionalClaimNutrientElementCode (1)
 - PackagingTypeCode (1)
 - ProductTypeCodes (1)
- **Planned for Future Deprecation** – The following valid values belong to attributes planned for deprecation in a future GDSN release. See the Participant Dictionary for details on attributes and valid values to use instead.
 - FeatureCode (1)
 - HealthClaimCode (4)
 - PackageMarksDietAllergen (21)
 - PackageMarksFreeFrom (49)

Valid Value Deletes

2 deleted value values are summarized below by code list.

- **Deleted Valid Values**
 - NutritionalClaimNutrientElementCode (1)
 - PackagingMarkedLabelAccreditationCode (1)

GDSN 3.1.15 Validation Updates

Validation Additions

25 new validations are listed below with the GDSN # / IM Rule # and error logic.

- **Item Load Validations**
 - 1705 / 2732: If dietTypeCode equals 'PESCATARIAN' and dietTypeSubcode is used, then dietTypeSubcode SHALL be a value in ('PESCA', 'LACTO_OVO_PESCA').
 - 1706 / 2733: If dietTypeCode equals 'VEGETARIAN' and dietTypeSubcode is used and targetMarketCountryCode is not '840' (US), then dietTypeSubcode SHALL be a value in ('OVO', 'LACTO ', 'LACTO_OVO').
 - 1707 / 2734: If dietTypeCode equals 'VEGETARIAN' and dietTypeSubcode is used and targetMarketCountryCode is '840' (US), then dietTypeSubcode SHALL be a value in ('OVO', 'LACTO ', 'LACTO_OVO', 'PESCA', 'LACTO_OVO_PESCA').

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- 1708 / 2735: If dietTypeCode equals 'KOSHER' and dietTypeSubcode is used, then dietTypeSubcode SHALL be a value in ('MEAT', 'FISH', 'DAIRY', 'PAREVE', 'KOSHER_FOR_PASSOVER', 'MEAT_FOR_PASSOVER', 'FISH_FOR_PASSOVER', 'DAIRY_FOR_PASSOVER', 'PAREVE_FOR_PASSOVER', 'DE', 'MEVUSHAL', 'KOSHER_FOR_PASSOVER_MEVUSHAL').
- 1716 / 2737: if AllergenRelatedInformation class is repeated, then ((allergenSpecificationAgency SHALL be populated with different values for each iteration) or (allergenSpecificationName SHALL be populated with different values for each iteration))
- 1717 / 2738: If NutrientDetail sub-class is used, then all nutrientTypeCode values shall be unique within the same NutrientHeader class.
- 1718 / 2739: If targetMarket/countryCode in ('276' Germany, '756' Switzerland) and foodAndBeverageIngredientModule/foodAndBeverageIngredient/.../productActivityTypeCode equals 'CATCH_ZONE' then foodAndBeverageIngredientModule/foodAndBeverageIngredient/.../productActivityRegionZoneCodeReference/enumerationValueInformation/enumerationValue SHALL NOT be in ('27', '37')
- 1719 / 2740: If targetMarket/countryCode in ('276' Germany, '040' Austria, '756' Switzerland) PlaceOfItemActivityModule/.../productActivityTypeCode equals 'CATCH_ZONE') then PlaceOfItemActivityModule/.../productActivityRegionZoneCodeReference/enumerationValueInformation/enumerationValue SHALL NOT be in ('27', '37')
- 1721 / 2742: If TargetMarket/targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand) or '250' (France)) then isTradeItemAnInvoiceUnit SHALL be used.
- 1722 / 2743: If additionalTradeItemClassificationSystemCode equals '85' then additionalTradeItemClassificationCodeValue shall equal ('EU_CLASS_I', 'EU_CLASS_IIA', 'EU_CLASS_IIB', 'EU_CLASS_III', 'IVDD_ANNEX_II_LIST_A', 'IVDD_ANNEX_II_LIST_B', 'IVDD_DEVICES_SELF_TESTING', 'IVDD_GENERAL')
- 1723 / 2744: There shall be at most one value of languageSpecificPartyName for each language. (manufacturer/languageSpecificPartyName)
- 1723 / 2745: There shall be at most one value of languageSpecificPartyName for each language. (partyInRole/languageSpecificPartyName)
- 1723 / 2746: There shall be at most one value of languageSpecificPartyName for each language. (brandOwnerLanguageSpecificPartyName)
- 1723 / 2747: There shall be at most one value of languageSpecificPartyName for each language. (informationProviderLanguageSpecificPartyName)
- 1728 / 2748: There shall be at most one value of declaredPower for each measurement.
- 1729 / 2749: There shall be at most one value of equivalentLightBulbPower for each measurement.
- 1725 / 2750: There shall be at most one value of lightBulbWarmUpTime for each measurement.

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- 1727 / 2751: There shall be at most one value of maximumColourTemperature for each measurement.
- 1726 / 2752: There shall be at most one value of minimumColourTemperature for each measurement.
- 1730 / 2766: Multiple values for recallPrecision for each language are not allowed.
- 1731 / 2767: Multiple values for clinicalSizeValueMaximum for each measurement are not allowed.
- 1732 / 2768: Multiple values for globalModelDescription for each language are not allowed.
- 1733 / 2769: Multiple values for nonFoodIngredientName for each language are not allowed.
- 1734 / 2770: Multiple values for alcoholBeverageAge for each measurement are not allowed.
- **Item Publish-Sync Validations**
 - 1720 / 2741: If TargetMarket/targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand) or '250' (France)) then isTradItemAnInvoiceUnit SHALL be 'true' for at least one trade item in a Catalogue Item Notification Message.

Validation Changes

7 changed validations are listed below with the GDSN # / IM Rule # and error logic as well as a description of the change.

- **Item Load Validations**
 - 530 / 530: If targetMarketCountryCode is equal to ('036' (Australia), '348' (Hungary), '554' (New Zealand), '528' (Netherlands), '056' (Belgium) or '442' (Luxembourg)) and quantityOfTradItemsPerPalletLayer is not empty then quantityOfLayersPerPallet must not be empty.
 - Change: Addition of 3 TM's '528' (Netherlands), '056' (Belgium) and '442' (Luxembourg).
 - 585 / 585: If targetMarketCountryCode equals ('036' (Australia), '348' (Hungary), '554' (New Zealand), '528' (Netherlands), '056' (Belgium) or '442' (Luxembourg)) and quantityOfLayersPerPallet is greater than zero then quantityOfTradItemsPerPalletLayer shall be greater than zero.
 - Change: Addition of 3 TM's '528' (Netherlands), '056' (Belgium) and '442' (Luxembourg).
 - 1089 / 1089: If any attribute in class catalogueItem/tradeItem/PartyInRole is used then catalogueItem/tradeItem/PartyInRole/partyRoleCode SHALL be used.
 - Change: Removed list of attributes from rule and pointed to class. Logic remains same. Change in error message.
 - 1236 / 1236: If nutritionalClaimNutrientElementCode is not empty and is not DECAFFEINATED then nutritionalClaimTypeCode must not be empty.
 - Change: Exclude value of Decaffeinated.

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- 1613 / 2323: If additionalTradeItemClassificationSystemCode equals '76' then additionalTradeItemClassificationCodeValue shall equal ('EU_CLASS_I', 'EU_CLASS_IIA', 'EU_CLASS_IIB', 'EU_CLASS_III', 'EU_CLASS_A', 'EU_CLASS_B', 'EU_CLASS_C', or 'EU_CLASS_D').
 - Change: Removed all Target Markets.
- 1696 / 2707: if targetMarket/countryCode in ('276' Germany, '040' Austria, '756' Switzerland) and catchAreaCode is used then catchAreaCode SHALL NOT be in ('27', '37')
 - Change: Removed productActivityDetails/productActivityTypeCode and productActivityDetails/productActivityRegionZoneCodeReference/enumerationValueInformation/enumerationValue from the validation. (Moved those attributes to new validation 1719.)
- 1717 / 2738: If NutrientDetail sub-class is used, then all nutrientTypeCode values shall be unique within the same NutrientHeader class. If targetMarketCountryCode equals ('208' (Denmark), '250' (France) or '752' (Sweden)) and NutrientDetail sub-class is used, then all nutrientTypeCode values shall be unique within the same NutrientHeader class.
 - Change: Limit the number of countries for which the rule is applicable.

Validation Deletes

5 deleted validations are listed below with the GDSN # / IM Rule # and error logic.

- **Item Load Validations**

- 1067 / 605: There must be at most one iteration of ingredientStatement per languageCode.
- 1505 / 1505: There shall be at most one iteration of nonFoodIngredientStatement per @languageCode.
- N/A / 1350: If Target Market is US, Diet Type SubCode should be either of these values (MEAT, FISH, DAIRY, PAREVE, MEAT_FOR_PASSOVER, FISH_FOR_PASSOVER, DAIRY_FOR_PASSOVER, PAREVE_FOR_PASSOVER, OVO, LACTO, PESCA, LACTO_OVO, LACTO_OVO_PESCA).
- N/A / 1372: If Target Market is CA, Diet Type SubCode should be either of these values (DAIRY, DE, F, F-P, KOSHER, KOSHER_FOR_PASSOVER, KOSHER_FOR_PASSOVER_DAIRY, KOSHER_FOR_PASSOVER_MEAT, KOSHER_FOR_PASSOVER_PARVE, MEAT, NOT_KOSHER, PARVE, KOSHER_FOR_PASSOVER_MEVUSHAL, MEVUSHAL).

- **Item Publish-Sync Validations**

- 457 / 457: isTradeItemAnInvoiceUnit must equal 'true' for at least one trade item in a Catalogue Item Notification Message.

GDSN 3.1.15 GPC Updates

GPC Additions

49 new GPC brick codes are listed below and grouped by segment.

- **Building Products**
 - 10008116 - Finishing and Texture Coatings
- **Food/Beverage/Tobacco**
 - 10008107 - Caviar - Imitation (Shelf Stable)
 - 10008108 - Caviar - Imitation (Perishable)
 - 10008070 - Cannabis - Biscuits/Cookies (Frozen)
 - 10008071 - Cannabis - Biscuits/Cookies (Perishable)
 - 10008072 - Cannabis - Biscuits/Cookies (Shelf Stable)
 - 10008073 - Cannabis - Candy/Sugar Candy Substitute Confectionary
 - 10008074 - Cannabis - Chocolate/Chocolate Candy Confectionary
 - 10008075 - Cannabis - Confectionery/Sugar Sweetening Products Variety Packs
 - 10008076 - Cannabis - Biscuits/Cookies – Ready to Eat (shelf stable)
 - 10008077 - Cannabis - Biscuit/Cookie Mix (shelf stable)
 - 10008078 - Cannabis - Muffins/Brownies/Cakes – Ready to Eat (shelf stable)
 - 10008079 - Cannabis - Drinks Flavoured – Ready to Drink (Shelf Stable)
 - 10008080 - Cannabis - Drinks Water Enhancer (Shelf Stable)
 - 10008081 - Cannabis - Tea/Herbal Tea – Leaves/Bags Infused
 - 10008082 - Cannabis - Tea/Herbal Tea Infusions – Ready to Drink (Shelf Stable)
 - 10008083 - Cannabis - Fruit Herbal Infusions - Ready to Drink
 - 10008084 - Cannabis - Fruit Juice - Ready to Drink (Perishable)
 - 10008085 - Cannabis - Fruit Juice - Ready to Drink (Shelf Stable)
 - 10008086 - Cannabis - Fruit Juice Drinks - Ready to Drink (Perishable)
 - 10008087 - Cannabis - Fruit Juice Drinks - Ready to Drink (Shelf Stable)
 - 10008088 - Cannabis - Oils Edible - Vegetable or Plant (Shelf Stable)
 - 10008089 - Cannabis - Oral Solids – Capsules/Tablets/Softgels
 - 10008091 - Cannabis - Herbal Cigarettes - Non Tobacco
 - 10008094 - Cannabis - Butter
 - 10008098 - Cannabis - Keif
 - 10008099 - Cannabis - Hash
 - 10008100 - Cannabis - Disposable Vape Pen
 - 10008101 - Cannabis - Vape Kit
 - 10008102 - Cannabis - Vape Cartridge
 - 10008090 - Cannabis - Topical – Face-Body Cream/Lotions
 - 10008092 - Cannabis - Concentrate – Wax/Resin
 - 10008093 - Cannabis - Shatter
 - 10008095 - Cannabis - Wax
 - 10008096 - Cannabis - Rosin
 - 10008097 - Cannabis - Resin

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- **Healthcare**
 - 10008118 - Support Component of a Medical Device
 - 10008111 - Support Component of a Veterinary Medical Device
- **Household/Office Furniture/Furnishings**
 - 10008114 - Bathroom & Toilet Mats
 - 10008115 - Doormats
 - 10008112 - Incense
 - 10008113 - Incense Holders/Burners and Accessories
- **Personal Accessories**
 - 10008105 - Personal Fan - Hand (Hand Fan)
 - 10008106 - Personal Fan - Impeller
- **Services/Vending Machines**
 - 10008109 - Vending Machine
 - 10008110 - Coin Operated Control Unit
- **Tools/Equipment – Hand**
 - 10008117 - Roller for Smoothing Self-Leveling
- **Vehicle**
 - 10008103 - Tyre Bag
 - 10008104 - Inner Tube

GPC Changes

6 GPC brick code changes are listed below and grouped by type of change.

- **Description Changes**
 - 10003896: Plaster of Paris (Agent) → Plaster of Paris (Moulding Plaster)
 - 10006993: Cannabis Dried Flower → Cannabis - Dried Flower
 - 10006992: Cannabis Oil → Cannabis - Oil
 - 10006994: Cannabis Pre-Rolled → Cannabis - Pre-Rolled
 - 10000620: Tobacco Products/Smoking Accessories Variety Packs → Tobacco/Cannabis/Herbal Products/Smoking Accessories Variety Packs
 - 10005248: Disc Sanders - Portable → Disc Sanders/Drywall Sanders - Portable

GPC Deletes

6 GPC brick code deletes are listed below. These GPCs were marked as obsolete in the IM 8.18 (November 2020) release. GTINs utilizing obsolete GPC codes will error during synchronization. Therefore, if you have an item populated with one of these GPC codes, please update it to a valid GPC immediately to continue successfully synchronizing with your recipients. Any GTIN still populated with an obsolete GPC prior to the May 15, 2021 Production date will be updated by 1WorldSync to GPC 99999999 to mitigate the risk of disrupted data synchronization.

- **Hard Deletes**

- 10003959 - ***OBSOLETE***Stair Railing Systems - Wood
- 10003962 - ***OBSOLETE***Balustrade/Railing Systems - Wood
- 10006912 - ***OBSOLETE***Camphor trees (Cinnamomum camphora)
- 10006963 - ***OBSOLETE***Swimwear/Swimsuits
- 10007484 - ***OBSOLETE***Tansyplants (Tanacetum Vulgare)
- 10007533 - ***OBSOLETE***Collard Greenplants (Brassica Oleracea var. Viridis)

M2M Updates

1WS XML Schema Updates

This release includes the following updates to the 1WS XML schemas. These schema changes are backwards compatible for Item Management. However, we highly recommend adoption of the new schemas to utilize the updates included with this release. The updated schemas are posted in the 1WorldSync Solution Center. *Note: See [Appendix B](#) for instructions to access documents in the 1WorldSync Solution Center.*

CatalogueRequest.xsd and CatalogueItemNotification.xsd

- Max length increased from 500 to 2000
 - additionalDescription

common/2.0/Types.xsd

- Max length increased from 5 to 16 (Note: New uoms include special characters like /, [,], ' .)
 - uomType

Any trading partners using GDSN XML can find details on the GDSN XML schemas at: <https://www.gs1.org/standards/gdsn>.

AS2 Certificate Updates

1WorldSync activated new digital certificates on February 12, 2021 for Pre-Production and on March 5, 2021 for Production. These digital certificates are used for all AS2 communications to the following applications:

- Item Management (IM)
- Product Introduction (PI/VIP)
- Digital Asset Management (DAM)

If you use AS2 to communicate with 1WorldSync for these applications, you are required to update the 1WorldSync public certificates for the AS2 environments on your systems. The certificates can be downloaded [HERE](#) or accessed via the 1WorldSync Community Platform or the 1WorldSync Solution Center. You must activate the new certificates during the following outage windows to maintain a valid, uninterrupted connection with 1WorldSync.

Outage Purpose	Outage Date & Timing	Services Unavailable
AS2 Certificate Activation Pre-Production	Friday, February 12, 2021 9:00am – 10:00am ET 14:00 – 15:00 GMT	AS2
AS2 Certificate Activation Production	Friday, March 5, 2021 9:00am – 10:00am ET 14:00 – 15:00 GMT	AS2

Other Updates

Defect Resolution

The following bug fixes are included in this Item Management (IM) release.

- Added additional validity checks to improve accuracy when triggering an error for Item Load validation rule 2756 (This URI (externalFileLink/uniformResourceIdentifier) is invalid and not able to be rendered).

System Maintenance

Standard Maintenance Window

1WorldSync performs standard system maintenance, during which 1WorldSync solutions may be unavailable without prior notification. In addition, users may not be able to access the 1WorldSync Solution Center during these times.

For machine-to-machine (M2M) communications, AS2 inbound messages to 1WorldSync will continue to be received during these times unless specific communication is provided indicating otherwise, but processing of AS2 transactions will be delayed until the maintenance is completed.

The standard maintenance windows are as follows:

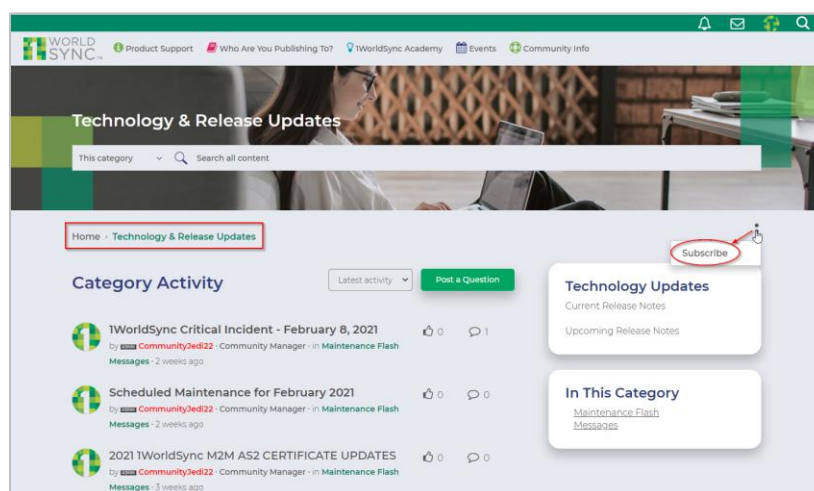
Environment	Standard Maintenance Window
Pre-Production	Fridays 2:00pm – 6:00pm ET 19:00 – 23:00 GMT
Production	Saturdays 9:00am – 1:00pm ET 14:00 – 18:00 GMT

Technical Flash Notices

1WorldSync Technical Flash notices are sent via email to communicate upcoming scheduled maintenance dates and times. If you would like to receive email notifications for scheduled maintenance, email your request to technicalsupport@1worldsync.com. Please include your name, email, company name, company GLN and company address in your request. The following Flash Notice is the most recent notice sent for this release:

- [Technical Flash 05/10/2021](#)

These notices are also posted to our [Community Platform](#) under **Product Support > Technology and Release Updates** where you can subscribe to receive updates posted for this category.



1WorldSync News

1WorldSync Power of 1 Virtual Summit

Join us May 18-19, 2021 from 10:00 AM - 2:00 PM ET

This free-two day event will host a number of engaging sessions including:

- Industry panels featuring Simple Mills, Purely Elizabeth, Mars Wrigley and Mondelez
- Retailer roundtables hosted by Kroger, Walmart, Dot Foods and more!
- Interactive Show Floor to network and meet with your trading partners
- Meet with 1WorldSync experts to get your questions answered

[REGISTER FREE NOW](#)



1WorldSync Customer Community

Have you heard about our online 1WorldSync Community? This interactive Community platform provides you with a single source for education, self-serve support, and peer-to-peer collaboration.

The Community empowers brands, retailers, operators, and distributors by tapping into the broad knowledge and tools needed to create, maintain, and manage product content initiatives. Through the customer groups capability, retailers can directly connect with their suppliers, leading to streamlined communications and stronger supplier relationships. You can utilize the key word search functionality to search for existing content, ask questions, work with other customers, receive training and more.

This platform is part of the 1WorldSync subscriptions, and you can utilize your existing username and password for your 1WorldSync solutions via single sign-on. We look forward to working with you in the 1WorldSync Community! Simply visit the [Community Homepage](#) and complete a short registration process to get started.

The screenshot shows the 1WorldSync Customer Community homepage. At the top, a navigation bar includes links for Product Support, Who Are You Publishing To?, 1WorldSync Academy, Events, and Community Info. A blue arrow points to the Community Info link with the text: "There are different areas in the community to locate helpful information, starting in the menu bar at the top of the page." Below the navigation bar, the main heading reads "1WorldSync Customer Community" with a subtext: "The 1WorldSync Customer Community Platform provides real-time access to top industry knowledge, education, and additional support to drive your business success." Three statistics are displayed: 1190 members, 15 online, and 396 posts. A search bar is present with a dropdown menu set to "All community" and a search icon. A blue arrow points to the search bar with the text: "You can use key word searches to find existing content and training." Below the search bar, a green button labeled "Post a Question" is highlighted with a blue arrow and the text: "Didn't find what you need? Post a question so our helpful community members can point you in the right direction." The "Community Activity" section shows two posts: "FUSE DAM Import" by rm · New Contributor · in Discussions · 45m ago, and "Access 1WorldSync's Community Demo - February 17, 2021" by CommunityJedi22 · Community Manager · in Webinars · yesterday. On the right, an "About the Community" sidebar lists links for Product Support, Who Are You Publishing To?, 1WorldSync Academy, Events, and Community Info.

Appendix A: Revision History

Date	Release	Version	Description of Change	Author
12/31/2020	IM 8.20	1	Initial preliminary document	S. Brackett
01/04/2021	IM 8.20	2	• GDSN 3.1.15 Release Overview: Added note about adding new attributes exclusively in IM Enhanced • GDSN 3.1.15 GPC Updates: Added details of GPC updates • Attribute Changes: ○ Removed Data Type Changes for Diet Type Subcode as there are only validation rule changes for this attribute ○ Split out Help Text Changes for attributes planned for future deprecation ○ Removed Mandatory/Optional Change for Global Model Number as it was already in place ○ Added Mandatory-Dependent Changes for Invoice Unit Indicator • Valid Value Additions: ○ Removed dietTypeSubCodeVV list as this is not an actual valid value list; instead, values are validated against validation rules ○ Removed FrequencyUOM list as the values for this list are not used by any attribute • Valid Value Changes: ○ Removed OrderingSellingUOM and TransactionalMeasurementUnit as the values in these lists did not change ○ Added valid value lists planned for future deprecation	S. Brackett
02/01/2021	IM 8.20	3	• Documentation: Added additional documents available for this release • Attribute Changes: Corrected change count from 36 to 37 • Valid Value Additions: Added entry for FDASizeTypeUOM and updated count for PressureUOM • GPC Deletes: Corrected the Production date • AS2 Certificate Updates: Added link to download the 2021 1WS AS2 certificates • Technical Flash Notices: Added link for flash notice sent on 01/12/2021 and updated method to subscribe to notices via the Community platform	S. Brackett

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Date	Release	Version	Description of Change	Author
05/10/2021	IM 8.20	4	• Production Deployment Outage: Added info on the extended production outage times • Technical Flash Notices: Updated section and added link to the latest technical flash • Appendix B: Accessing Documentation: Added section to access documents in the Community Platform	S. Brackett
05/14/2021	IM 8.20	5	• Solutions Impacted: Added Digital Catalog and Data Accuracy Scorecard • Release Dates: Added additional Pre-Prod release date of May 14, 2021 • New Features & Functionality: New section • Playlist Updates: New section • Attribute Changes: Removed the Truncation on Outbound GDSN CIN section and 8 affected attributes as the GDSN has reverted these attributes back to 200 characters, cancelling the need for any truncation • Validation Additions: Added 5 new validation rules and updated 5 GDSN rule numbers • Validation Changes: Added GDSN rules 1236 and 1717 • Defect Resolution: New section • 1WorldSync News: New section	S. Brackett

Appendix B: Accessing Documentation

Follow the steps below to access documents in the 1WorldSync Solution Center and Community Platform. If you need further assistance, please contact us at technicalsupport@1worldsync.com or 1-866-280-4013.

Solution Center:

1. Go to www.1worldsync.com
2. Click the **Login** link at the top of the page
3. Under **Solution Center**, click the appropriate Login link
4. Log in using your Username and Password for 1WorldSync applications
5. Click the IMPLEMENTATION tab
6. Find the desired document and click to open or download
 - a. Before the production release date, documents can be found in the Future Release Information folder by solution/release
 - b. After the production release date, documents can be found in the appropriate folder by topic

Community Platform:

1. Go to www.1worldsync.com
2. Click the **Login** link at the top of the page
3. Under **Community Platform**, click the Login link
4. Log in using your Username and Password for 1WorldSync applications
5. In the **Product Support** menu at the top of the page, click **Item Management**
6. Within the **In This Category** section, click the link for the desired document type
7. Open the desired Knowledge Base Article and download the attachment
 - a. If you would like to get notified any time this type of document is updated in the Community, go back to the Knowledge Base Articles page, click the kabab menu icon  and click **Subscribe**