



## Data Synchronization Implementation Guide



# FDB First Databank Data Synchronization Implementation Guide

Version 1.0

## Table of Contents

I. First Databank (FDB Health) DATA SYNCHRONIZATION INFORMATION .....	3
II. SYNCING YOUR DATA WITH First Databank (FDB).....	3
III. CIC RESPONSE MESSAGES.....	4
IV. ADDITIONAL RESOURCES.....	4
1. GS1 US Healthcare US Initiative.....	4
2. GS1 US National Data Quality Program .....	4
V. ATTRIBUTE GUIDELINES.....	5
Core.....	5
Medical Device.....	9
Images & Documentation .....	11
Marketing.....	12

### I. First Databank (FDB Health) DATA SYNCHRONIZATION INFORMATION

**FDB Health** believes that by improving the quality of its item data, it will realize multiple benefits including: increased logistical efficiencies, increased invoice accuracy, reduced labor costs associated with maintaining item data, improved ecommerce experience - resulting in overall increased customer satisfaction.

We at **FDB Health** are continuing to digitally transform our business to foster better product data for our shared healthcare customers. Hospitals, distributors, and GPO's rely upon FDB to provide high quality medical device and supply data that is used within supply chain, value analysis and revenue cycle management. Going forward, we request that you submit your digital product data through the Global Data Synchronization Network (GDSN) to ensure we're most successful together.

- Primary GDSN Data Synchronization Contact:
  - Suppliers can send their questions regarding global data synchronization to [Marsha.FloresHarris@fdbhealth.com](mailto:Marsha.FloresHarris@fdbhealth.com)
- FDB Health GLN - Publish to:
  - First Databank FDB - 0862779000106
- Additional Information Available at:
  - <https://syndigo.com/fdb-health>

### II. SYNCING YOUR DATA WITH First Databank (FDB)

1. Join a GDSN data pool such as Syndigo
  - For more information you can contact your Syndigo Account Executive, or [Sales@Syndigo.com](mailto:Sales@Syndigo.com)
2. FDB Health is requesting your full catalog of products. Please load your complete and accurate item data (review attribute guideline section) into your GDSN certified data pool and ensure it is ready for publication in production.
3. FDB Health has already set up a GDSN subscription for your Information Provider GLN. Please refer to <https://syndigo.com/fdb-health> if you have questions.
4. Publish your full product catalog to:
  - First Databank (FDB) GLN 0865761000146

### III. CIC RESPONSE MESSAGES

- “Review” – FDB has found a GTIN match in their Enterprise Data system, however FDB has not synchronized your item for any of the reasons listed in the CIC message. The CIC message will include *Status Details* information explaining the issue for that GTIN. If the data provider believes information published was correct, please contact \_\_\_\_\_
- “Synchronized” – FDB has found a GTIN match in our Enterprise Data system. The item passed all FDB validations and has been ingested into FDB’s systems.
- “Received” – A received CIC will automatically be sent when the publication is received by FDB and is passing all validations however it has not yet been ingested into the FDB Systems.

### IV. ADDITIONAL RESOURCES

1. GS1 US Healthcare US Initiative

<https://www.gs1us.org/industries/healthcare/initiative>

2. GS1 US National Data Quality Program

<https://www.gs1us.org/industries/healthcare/gs1-standards-in-use/gs1-us-national-data-quality-program>

## V. ATTRIBUTE GUIDELINES

Legend		
M = Mandatory Minimum subset of attributes that are required in order for FDB Health to receive publication.	R = Additional attributes Requested by FDB Health to fulfill the complete data requirements. These are not required for publications	C = Conditional

### Core

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Brand Name	Brand Name	brandName	R	
2		Sub Brand	subBrand	R	
3	GTIN	Global Trade Item Number (GTIN)	gtin	M	
4	Bar Code / Data Carrier	Data Carrier Type Code	dataCarrierTypeCode	R	
5		GS1 Trade Item Identification Key Code	gs1TradeItemIdentificationKeyCode	R	
6		UPC	gs1TradeItemIdentificationKeyValue	R	
7	Unit Descriptor	Trade Item Unit	tradeItemUnitDescriptorCode	R	
8		Preliminary Item Status Code	preliminaryItemStatusCode	R	
9	Company Name (Brand Owner)	Brand Owner GLN	brandOwner/gln	R	
10		Brand Owner Name	brandOwner/partyName	R	
11	Company Name (Manufacturer)	Manufacturer GLN	manufacturerOfTradeItem/gln	R	
12		MFG Name	manufacturerOfTradeItem/partyName	M	
13	Company Name (Information Provider)	Information Provider GLN	informationProviderOfTradeItem/gln	M	
14		Info Provider	informationProviderOfTradeItem/partyName	M	
15	Manufacturer Product Number	Supplier Assigned Product Code	additionalTradeItemIdentificationTypeCode(SUPPLIER_ASSIGNED) & additionalTradeItemIdentification	M	

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
16		Additional Trade Item Classification	additionalTradeItemIdentificationTypeCode & additionalTradeItemIdentification Value	R	
17		Additional Trade Item Classification	additionalTradeItemClassificationSystemCode & AdditionalTradeItemClassificationValue	R	
18	Manufacturer Short Product Description	Short Description	descriptionShort	R	
19	Product Name	Trade Item Description	tradeItemDescription	M	
20	Functional Name	Functional Name	functionalName	R	
21	Global Product Classification (GPC)	GPC (Brick Code)	gpcCategoryCode	M	
22	Quantity of Child GTIN Units	Qty of Next Lower Level	QuantityOfNextLowerLevelTradeItem	R	Mandatory if Lower Level Packaging exists and has GTIN
23	Inner Pack Quantity (No GTIN Assigned)	Quantity Of Inner Pack	quantityOfInnerPack	R	Mandatory if Lower Level Packaging exists with no GTIN
24	Item in Inner Pack Quantity (No GTIN Assigned)	Quantity Of Next Level Trade Item Within Inner Pack	quantityOfNextLevelTradeItemWithinInnerPack	R	Mandatory based on the presence of a child GTIN
25	Trade Item Weights	Package Weight & UOM	grossWeight & measurementUnitCode	R	Mandatory at Shipping level
26		Net Weight & UOM	netWeight & measurementUnitCode	R	Mandatory at Case, Inner, Each
27	Trade Item Measurements	Package Height & UOM	height & measurementUnitCode	M	
28		Package Width & UOM	width & measurementUnitCode	M	
29		Package Depth & UOM	depth & measurementUnitCode	M	
30		In Box Cube Dimension & UOM	inBoxCubeDimension & measurementUnitCode	R	
31		Net Content & UOM	netContent & measurementUnitCode	M	
32		Individual Unit Minimum & UOM	individualUnitMinimumSize & measurementUnitCode	R	
33		Individual Unit Maximum & UOM	individualUnitMaximumSize & measurementUnitCode	R	Provided on Cases where the Case is the lowest Level
34	Pack Size Text	Shipping Container	shippingContainerQuantityDescription	R	

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
		Quantity Description			
35	Catch Weight	Packaging Can Vary/Is Trade Item A Variable Unit	isTradeItemAVariableUnit	R	
36	Trade Item Dates	Information Effective Date	effectiveDateTime	R	
37		Discontinued Date	discontinuedDateTime	R	
38		Cancelled Date Time	cancelledDateTime		
39	Delivery Purchasing Information	Market Availability Date	startAvailabilityDateTime	R	
40		End Availability Date Time	endAvailabilityDateTime	R	
41		First Order Date	firstOrderDateTime	R	
42		First Ship Date	firstShipDateTime	R	
43		Minimum Order Quantity	orderQuantityMinimum	R	
44		Order Quantity Maximum	orderQuantityMaximum	R	
45		Order UOM	orderingUnitOfMeasure	R	
46		Order Sizing Factor	orderSizingFactor & measurementUnitCode	R	
47	Storage and Handling Temperatures	Temperature Minimum	temperatureQualifierCode(STORAGE_HANDLING) & temperatureMinimum & temperatureMeasurement	R	
48		Temperature Maximum	temperatureQualifierCode(STORAGE_HANDLING) & temperatureMaximum & temperatureMeasurement	R	
49	Target Market	Target Market Country Code	targetMarketCountryCode	M	
50	Country Of Origin	Place of Product Activity	placeOfProductActivity/countryOfOrigin	R	
51	Pallet Ti and Pallet Hi (Pallet GTIN)	Items Per Pallet Layer	quantityOfTradeItemsContainedInACompleteLayer	R	Provided on Pallet Level
52		Layers Per Pallet	quantityOfCompleteLayersContainedInATradeItem	R	
53	Pallet Ti and Pallet Hi (Non-Pallet GTIN)	Quantity Of Trade Items Per Pallet Layer (NON-Pallet GTIN)	quantityOfTradeItemsPerPalletLayer	R	Provided at Highest Level Under Pallet

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
54		Quantity Of Layers Per Pallet (NON-Pallet GTIN)	quantityOfLayersPerPallet	R	
55	Is Item the Base Unit (Lowest Packaging Level)	Item is the Lowest Packaging Level	isTradeItemABaseUnit	M	
56	Is Trade Item Shipping Unit?	Item is Shipped/Despatched at this Packaging Level	isTradeItemADespatchUnit	M	
57	Is Trade Item Consumer Unit?	Item is Sold to the Consumer	isTradeItemAConsumerUnit	M	
58	Is Trade Item Invoice Unit?	Item is Invoiced at this Packaging Level	isTradeItemAnInvoiceUnit	M	
59	Is Trade Item Orderable?	Item is Ordered at this Packaging Level	isTradeItemAnOrderableUnit	M	
60	Is Packaging marked as Returnable?	Packaging is Returnable	isPackagingMarkedReturnable	R	
61	Is the Item marked as recyclable?	Is Trade Item Marked As Recyclable	isTradeItemMarkedAsRecyclable	R	
62	Return Information	Is Non Sold Trade Item Returnable	isNonSoldTradeItemReturnable	R	
63	Sales Information	Selling UOM	sellingUnitOfMeasure	R	
64		Brand Distribution Type	brandDistributionTypeCode	R	
65	Sales Information	Coupon Family Code	couponFamilyCode	R	
66	Is the Item marked with a Batch/Lot Number?	Has Batch Number	hasBatchNumber	R	
67	For More Information (Contact Information)	For more information	contactTypeCode & availableTime & contactName & communicationNumber & communicationChannelCode & communicationValue	R	
68	Packaging Information	Packaging Information	packaging/platformTypeCode & packagingMaterialTypeCode etc	R	



Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
69	Packaging Information	Trade Item Date On Packaging Type Code	tradeItemDateOnPackagingTypeCode	R	

## Medical Device

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Trade Item Sterility Information	Initial Manufacturer Sterilization	initialManufacturerSterilisationCode	R	
2	Trade Item Sterility Information	Initial Sterilization Prior To Use	initialSterilisationPriorToUseCode	R	
3	Medical Device Information	Is Trade Item Exempt From Direct Part Marking	isTradeItemExemptFromDirectPartMarking	R	
4	Trade Item Sterility Information	Is Trade Item Required To Remain Sterile	isTradeItemRequiredToRemainSterile	R	
5	Health Care Trade Item Reusability Information	Manufacturer Declared Reusability Type	manufacturerDeclaredReusabilityTypeCode	R	
6	Trade Item Sterility Information	Manufacturer Specified Acceptable Resterilisation	manufacturerSpecifiedAcceptableResterilisationCode	R	
7	Health Care Trade Item Reusability Information	Maximum Cycles Reusable	maximumCyclesReusable	R	
8	Health Care Trade Item Reusability Information	Maximum Reusable Days	maximumReusableDays	R	
9	Medical Device Information	MRI Compatibility	mRICompatibilityCode	R	
10	Health Care Trade Item Reusability Information	Reuse Instructions	reuseInstructions	R	

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
11	Health Care Trade Item Reusability Information	Reuse Instructions Language	reuseInstructions/@languageCode	R	
12	Medical Device Information	UDID Device Count	udidDeviceCount	M	
13	Medical Device Information	Does Trade Item Contain Human Tissue	doesTradeItemContainHumanTissue	R	
14	Medical Device Information	Serial Number Location Code	serialNumberLocationCode	R	
15	Medical Device Information	Serial Number Location Code Agency	serialNumberLocationCode/@codeListAgencyName	R	
16	Clinical Size	clinicalSizeType Code	clinicalSizeTypeCode	R	
17	Clinical Size	clinicalSizeValue	clinicalSizeValue	R	
18	Clinical Size	clinicalSizeUOM	clinicalSizeValue/@measurementUnitCode	R	
19	Clinical Size	clinicalSizeDescription	clinicalSizeDescription	R	
20	Clinical Size	clinicalSizeValueMaximum	clinicalSizeValueMaximum	R	
21	Clinical Size	clinicalSizeValueMaximumUOM	clinicalSizeValueMaximum/@MeasurementUnitCode	R	
22	Healthcare Item Information	Does Trade Item Contain Latex	doesTradeItemContainLatex	R	
23	Healthcare Item Information	Healthcare Grouped Product Code	healthcareGroupedProductCode	R	

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
24	Healthcare Item Information	Prescription Type	prescriptionTypeCode	R	
25	Healthcare Item Information	Prescription Type Agency	prescriptionTypeCode/@codeListAgencyName	R	

## Images & Documentation

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1		Image URL	uniformResourceIdentifier	C	At least 1 Product Image is required on any level of the hierarchy
2		File Name and Format	fileName & fileFormatName	R	
3		File Type	referencedFileTypeCode	R	
4		Content Description	contentDescription	R	
5		File Creation Program	fileCreationProgram	R	
6		File Effective Start Date Time	fileEffectiveStartDateTime	R	
7		File Effective End Date Time	fileEffectiveEndDateTime	R	
8		Format Name Description	fileFormatDescription	R	
9		File Optimal Viewer Name	fileOptimalViewerName	R	
10		File Origin Country Code	fileOriginCountryCode	R	
11		File Version	fileVersion	R	

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
12		Is Primary File	isPrimaryFile	R	
13		Is File Background Transparent	isFileBackgroundTransparent	R	
14		File Camera Perspective	fileCameraPerspective	R	

## Marketing

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Marketing Information	Trade Item Marketing Message	tradeItemMarketingMessage	R	
2	Manufacturer Expanded Product Description	Additional Description	additionalTradeItemDescription	R	
3	Storage & Usage	Consumer Storage Information	consumerStorageInstructions	M	
4		Consumer Usage Information	consumerUsageInstructions	R	
5	Package Marks	Packaging Marked Label Accreditation Code	PackagingMarkedLabelAccreditationCode	R	
6	Package Marks	Package Marks Free From	PackagingMarkedFreeFromCode	R	