



**Total Visibility Project:
Minimum Product Attributes for Data Synchronization**

To meet the requirements of the Global Data Synchronization Network (GDSN) for each trade item, specific product attributes must be published. Without these, information from the GDSN cannot be shared among subscribing supply chain participants.

A common set of attributes, agreed to among supply chain partners, ensures that all attribute requirements will be fulfilled with a single initial publication to the GDSN, regardless of supply chain relationships. Of the Minimum Product Attributes below: nine (9) may be assigned default or designated values if actual values are not known; and six (6) are dependent on the values of other attributes. Two (2) additional attributes to capture UNSPSC code values are highly desirable.

Additionally, GS1 Healthcare US has identified a number of attributes recommended for the US healthcare supply chain. Furthermore, new attribute fields are being added to the GDSN to allow publication of data through the GDSN to the Global Unique Device Identification Database (GUDID). These attributes may also be populated in the GDSN and will be accepted by all subscribing supply chain participants.

	ATTRIBUTE NAME	DATA DICTIONARY TAG
1	Unit GTIN	globalTradeItemNumber
2	Unit Descriptor	tradeItemUnitDescriptor
3	Name of Information Provider (Part 1)	nameOfInformationProvider
4	GLN of Information Provider (Part 2)	informationProvider
5	Target Market Code	targetMarketCountryCode
6	Brand Name	brandName
7	Global Product Classification Code	classificationCategoryCode
8	Is Trade Item an Orderable Unit?	isTradeItemAnOrderableUnit
9	Is Trade Item a Base Unit?	isTradeItemABaseUnit
10	Catalogue or Model Number Code (Part 1)	additionalTradeItemIdentificationType
11	Catalogue or Model Number (Part 2)	additionalTradeItemIdentificationValue
12	Manufacturer Name (Part 1)	nameOfManufacturer
13	Manufacturer GLN (Part 2)	manufacturerGLN
14	Product Description	additionalTradeItemDescription or tradeItemDescription
15	Functional Name	functionalName
16	Trade Item/Package Depth	depth + UoM
17	Trade Item/Package Height	height + UoM
18	Trade Item/Package Width	width + UoM
19	Is Trade Item a Consumer Unit?	isTradeItemAConsumerUnit
20	Is Trade Item an Invoice Unit?	isTradeItemAnInvoiceUnit
21	Is Trade Item a Despatch Unit	isTradeItemADespatchUnit
22	Is Trade Item a Variable Unit?	isTradeItemAVariableUnit
23	Is Trade Item Returnable?	isPackagingMarkedReturnable
24	Quantity of Children	quantityOfChildren
25	Total Quantity of Units Contained	totalQuantityOfNextLowerLevelTradeItem
26	Next Lower Level GTIN	childGTIN
27	Quantity of Next Lower Level GTIN	quantityOfNextLowerLevelTradeItem
28	Trade Item/Package Gross Weight	grossWeight + UoM
29	Net Content	netContent + UoM
30	UNSPSC (Part 1)	additionalClassificationAgencyName
31	UNSPSC (Part 2)	additionalClassificationCategoryCode



Steps to Begin Data Synchronization with GPOs

1. Subscribe to a Certified GDSN Data Pool.
2. Complete and submit a **GPO Trading Partner Information Form** for each GPO with whom you do business. **This step should be completed by January 30, 2015.**
3. Use the **Minimum Product Attributes List** to insure Initial Synchronization. Review each GPO's Data Synchronization Implementation Guide for additional requested or optional data. With the initial publication of the Minimum Product Attributes, all subscribing trading partners will receive all additions and updates.
4. Review the product information you plan to load into GDSN. Validate and cleanse data prior to publishing. If needed, seek the advice of industry experts on data quality.
5. GPOs will create GDSN subscriptions for your Information Provider GLN and confirm readiness to accept initial publications.
6. Publish product information as "Initial Load" to the Recipient GLN for each GPO with whom you do business.
7. Send an email notifying each GPO when initial publications have been sent to ensure data has been received. If it has not, the GPOs will initiate error checking to correct issues.
8. After Initial Loads are complete, continue to submit all modifications/corrections through GDSN. New items should be published as "New".

For questions on this initiative, the synchronization process, or the Minimum Product Attributes, contact your GPO. For technical questions, contact your GDSN Certified Data Pool.

Participating GPOs of the Healthcare Supply Chain Association



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