



**PREMIER**

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**Premier Inc.**  
**Data Synchronization Implementation Guide**

Version #2.1

# Data Synchronization Implementation Guide

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## REVISION HISTORY

Date	Ver #	Description of Change	Author
08-24-2009	1	Initial document	C. Macias
10-14-2014	2	Branding updated	L. Altomere
12-18-2014	2.1	Add "Quantity per Package" and re-organize section 3 to match CHEs "Minimum Requirements"	L. Altomere

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## 1 PREMIER'S DATA SYNCHRONIZATION INFORMATION

### 1.1 Primary Data Synchronization Contact

Name: Premier's Data Standards Group  
Email: [datastandards@premierinc.com](mailto:datastandards@premierinc.com)

### 1.2 Premier's GLN - Publish To

Production: 1100004850171

Premier's GDSN Data Pool is 1WorldSync.

### 1.3 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 Healthcare supply chain partners, known as the [Minimum Product Attributes](#), ensures that all attribute requirements will be fulfilled with a single initial publication to the GDSN, regardless of supply chain relationships. Of the thirty-one [Minimum Product Attributes](#), 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. All of the Minimum Product Requirements are listed with additional Premier Attribute Requirements in Attribute requirements of this guide.

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.

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## 2 STEPS TO BEGIN SYNCING YOUR DATA WITH PREMIER

1. Sign up with a GDSN-certified data pool (e.g., 1WorldSync) if you are currently not a customer. Learn about the implementation options offered by 1WorldSync and choose the option that works best for your company.
2. Obtain Education/Training from your data pool or solution provider.
3. Load items into your data pool (e.g., 1WorldSync)
  - Ensure your data is accurate (pack quantities, measurements, weights etc.)
  - Load all item levels in your packaging configuration (hierarchy) – Each, Case, & Pallet
  - Review attribute requirements in Section 3 of this document to ensure you can meet Premier’s requirements
4. Contact Premier to provide them with your GLN and data synchronization contact information
  - Complete the Premier Trading Partner Form located at:  
[www.1worldsync.com/premier](http://www.1worldsync.com/premier).
5. Premier will create a subscription based on your Information Provider GLN/Target Market = U.S.
6. Publish your existing and/or new items in the Production environment.
7. Manage Catalogue Item Confirmation (CIC) Responses from Premier
  - CIC with state of “ACCEPT” means that Premier has received your data, but no business decision has been made on the data.
  - CIC with state of “REVIEW” means that Premier is asking you look over your data due to discrepant data they cannot synchronize on.
  - CIC with state of “SYNCHRONIZE” means that Premier has integrated your data with their backend systems.
  - CIC with state of “REJECT” means that Premier did not accept your data.
  - **Note:** Premier is using the CIC status details. This will give you clarification on what is discrepant with your data.
8. Send ongoing item maintenance notifications through your GDSN Certified Data Pool (e.g., 1WorldSync) to Premier Inc.’s GLN.

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## 3 ATTRIBUTE REQUIREMENTS

The below list includes the GDSN mandatory attributes as well as the Healthcare mandatory attributes.

Healthcare Common Name	GDSN Attribute Name	1WorldSync Attribute Name	1WorldSync XML Name
<b><u>Minimum Product Attributes</u></b>			
Unique Device Identifier	gtin	GTIN	gtin
Pack Level	tradeItemUnitDescriptor	Product Type	productType
Information Provider (IP) Name	nameOfInformationProvider	[Information Provider]	informationProviderName
Information Provider (IP) GLN	informationProvider/gln	Information Provider	informationProviderGLN
Target Market	targetMarketCountryCode	Target Market	targetMarket
Brand Name	brandName	Brand Name	brandName
GPC Code	classificationCategoryCode	Global Item Classification Code (GPC Code)	globalClassificationCategory/code
Orderable Unit	isTradeItemAnOrderableUnit	Ordering Unit Indicator	isOrderableUnit
Base Unit	isTradeItemABaseUnit	Base Unit Indicator	isBaseUnit
Manufacturer Part Number	additionalTradeItemIdentificationType	Alternate Item Identification Maintenance Agency	alternateItemIdentification/agency
Manufacturer Part Number	additionalTradeItemIdentificationValue	Alternate Item Number	alternateItemIdentification/id
Manufacturer Name	manufacturerOfTradeItem/nameOfManufacturer	[Manufacturer Name]	manufacturer/name
Manufacturer GLN	manufacturerOfTradeItem/manufacturer/gln	Manufacturer GLN	manufacturer/gln
Description	additionalTradeItemDescription	Additional Description	additionalDescription
<b><u>Defaultable Attributes – These GDSN Mandatory Attribute values may be populated with default values where actual values are not known.)</u></b>			
Functional Name	functionalName/description/shortText	Functional Name	functionalName
Dimensions	depth	Depth	depth
Dimensions	depth unitOfMeasure	Depth UOM	depth/uom
Dimensions	height	Height	height
Dimensions	height unitOfMeasure	Height UOM	height/uom
Dimensions	width	Width	width
Dimensions	width unitOfMeasure	Width UOM	width/uom
Consumer Unit	isTradeItemAConsumerUnit	Consumer Unit Indicator	isConsumerUnit

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Healthcare Common Name	GDSN Attribute Name	1WorldSync Attribute Name	1WorldSync XML Name
Invoice Unit	isTradeItemAnInvoiceUnit	Invoice Unit Indicator	isInvoiceUnit
Shipping Unit	isTradeItemADespatchUnit	Dispatch Unit Indicator	isDispatchUnit
Variable Unit	isTradeItemAVariableUnit	Variable Weight Trade Item	isVariableWeightItem
Returnable Package	isPackagingMarkedReturnable	Packaging Marked Returnable	packagingMarkedReturnable
<b><u>Dependent Attributes</u></b>			
Hierarchy	quantityOfChildren	Quantity of Children (Link Quantity)	link/numberOfUniqueGtins
Hierarchy	childGTIN		childGTIN
Hierarchy	totalQuantityOfNextLowerLevelTradeItem	Qty of Next Level Item(s)	totalQuantityOfNextLowerTradeItem
Quantity per Package	quantityOfNextLowerLevelTradeItem	Link Quantity	link/childItem/quantity
<b><u>Dependent or Optional Attributes</u></b>			
Dimensions	grossWeight	Gross Weight	grossWeight
Dimensions	grossWeight unitOfMeasure	Gross Weight UOM	grossWeight/uom
Dimensions	netContent	Net Content	netContent
Dimensions	netContent UOM	Net Content UOM	netContent/uom
<b><u>Highly Desirable Attributes</u></b>			
Optional Classification Agency and Value	additionalClassificationAgencyName	Alternate Item Classification Scheme	alternateClassification/scheme
Optional Classification Agency and Value	additionalClassificationCategoryCode	Alternate Item Classification Code	alternateClassification/code

## 4 ADDITIONAL RESOURCES

All partners in the healthcare supply chain need to be aware of this industry-wide initiative and understand the benefits of using one common global data standard. The Healthcare Supplier Tool Kit supports these industry sunrise goals and provides what you need to know to get started with GS1 standards today.

Healthcare Supplier Tool Kit: [www.gs1us.org/hcsuptoolkit](http://www.gs1us.org/hcsuptoolkit)