



DeCA

Data Synchronization Implementation Guide



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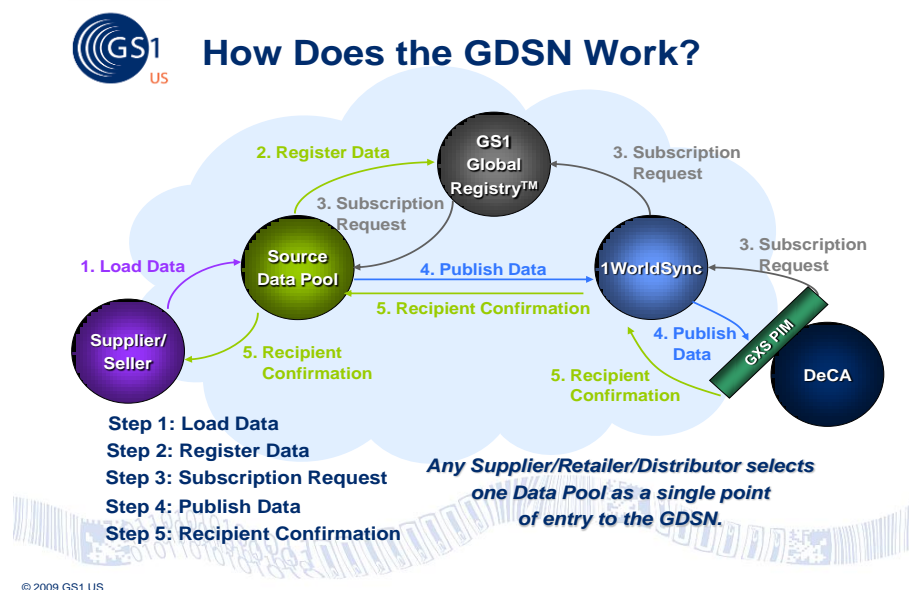
1 DeCA's DATA SYNCHRONIZATION INFORMATION

Effective March 31, 2014, DeCA has made Global Data Synchronization mandatory for all national items. Refer to DeCA Notice to the Trade (NTT) 14-06 available on the DeCA public website [here](#) that announced the mandate to synchronize product data via the Global Data Synchronization Network (GDSN®)

DeCA prefers to receive item information directly from manufacturer/brand owners. Distributors/brokers are strongly recommended to work with manufacturer/brand owners they represent to follow DeCA's Global Data Synchronization process.

1.1 GDSN – Introduction

The Global Data Synchronization Network (GDSN) is an internet-based, interconnected network of interoperable data pools and a global registry that enable companies around the globe to exchange standardized and synchronized supply chain data with their trading partners. It assures that data exchanged between trading partners is accurate and compliant with universally supported standards. The benefits of using a global standard to exchange information include reducing data errors, near real time updates, on-line edits, up-to-date status reporting, and faster speed to shelf for new items. The following is a high level overview of the GDSN:





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Information regarding the Global Data Synchronization framework, standards, process for joining the GDSN network, implementation guidance, and other information can be found at <http://www.gs1.org/gdsn>.

If you would like to learn more about the benefits of data synchronization visit the 1WorldSync, a GDSN-certified data pool at www.1worldsync.com.

If you have questions on how to become a member of the GDSN, contact 1WorldSync at businessdevelopment@1worldsync.com or call 866-280-4013.



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2 STEPS TO BEGIN SYNCING YOUR DATA WITH DECA – EXISTING ITEMS (INITIAL LOAD)

DeCA began synchronizing data with suppliers via the Global Data Synchronization Network beginning of January 2013. DeCA synchronizes GDSN data with DeCA's Interactive Business System (DIBS). DeCA uses a two part process to bring each supplier on line: Data Validation Process and the Subscription (CIS) process. Below are the overall steps to accomplish synchronizing your item information with DeCA.

1. Have your accurate item data loaded and ensure it is ready for publication in Production
2. Understand DeCA's Attribute Requirements outlined in section 7 of this Implementation Guide
3. Complete [DeCA's survey](#) also called the Trading Partner Form available at www.1worldsync.com/deca to identify your readiness and begin the implementation process
 - a. Completion of survey triggers DeCA's Data Validation process as well as their Subscription (CIS) process.
4. DeCA will reconcile existing item records in their system per supplier
5. DeCA will email the supplier's primary global data sync contact with a list of items to publish as "Initial Load" for existing items
 - a. The notice will be sent based on the information provided in the survey submitted to DeCA and mutual dates established between the supplier and DeCA GDS representatives.
6. Supplier to publish to DeCA's Production GLN (1100001008841) the items outlined in the emailed list at the Orderable level and as "Initial Loads"
 - a. Note: for potential future synchronization, supplier also has the option to publish "all" of their items to DeCA, not just the items outlined in the emailed list.
7. DeCA will subscribe by Information Provider Global Location Number (GLN), and Target Market (US)
 - a. The Global Location Number (GLN) is a unique number identifying a brand owner. All business entities doing business via GDS will have a certified GLN issued to them by GS1. Most manufacturers will have their own



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unique GLN, however, there may be brokers that may facilitate GDS for smaller suppliers and have a broker GLN.

8. DeCA will acknowledge publications using a PIM-generated Catalog Item Confirmation (CIC) message
 - a. **Accepted** – DeCA is interested in the item and wants to receive any updates that the Supplier makes to the item. Data will be added to the “synchronization list” and subsequently integrated into DeCA’s internal database.
 - b. **Synchronized** – DeCA is interested in the item and wants to receive any updates that the Supplier makes to the item. Additionally, the item is added to the “synchronization list” and DeCA intends to synchronize his or her internal database with the item data.
 - c. **Review** – DeCA is not yet ready to accept or reject the item, but wants to receive any updates that the Supplier makes to the item. Additionally, the DeCA wants the Supplier to “review” the data because it is inconsistent and cannot be synchronized.
 - d. **Rejected** – DeCA does not want the item, or no longer wants item updates. Data will no longer be synchronized and will be removed from the “synchronization list.”



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3 STEPS TO BEGIN SYNCING YOUR DATA WITH DECA – NEW ITEM INTRODUCTION BY EXISTING SUPPLIER

Steps for new item introduction by exiting suppliers

- a. All existing suppliers to follow steps in Section 2 of this document to synchronize product data with DeCA
- b. Once synchronization is established with DeCA, manufacturer representatives and brokers must ensure that coordination is undertaken with and between their marketing departments, account managers, and GDS divisions for subsequent new item introductions/presentations.
 - i. Follow the DeCA's GDS process
- c. For suppliers already doing business with DeCA, it is imperative that New Items are published to DeCA prior to introduction/presentation to Category buyer/manager.
 - i. Ensure PUBLICATION TYPE = NEW LOAD.



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4 STEPS TO BEGIN SYNCING YOUR DATA WITH DECA – NEW ITEM INTRODUCTION BY NEW SUPPLIERS

Below is the process for new item introduction by manufacturers or suppliers who are introducing new product to DeCA for review.

- a. Potential suppliers are encouraged to review the "Business Guide" on DeCA's website www.commissaries.com
- b. Present new item(s) on DeCA's New Item Presentation form: DeCAF 40-15. The Supplier's/Broker's GDS Global Location Number, GDS Point of Contact information, and GDS block must be completed.
- c. Additional fields have been added to the DeCAF 40-15 to allow for a supplier or broker (if broker will be publishing in lieu of supplier) GDS Global Location Number and GDS Point of Contact information.
- d. Upon approval by the category buyer/manager, ensure to synchronize product information with DeCA via the GDSN.
 - a. If you are a member of a GDSN certified data pool such as 1WorldSync, complete the [DeCA Survey](#) (Trading Partner Form) available at www.1worldsync.com/deca to trigger the GDS process with DeCA
 - a. Upon receiving the Supplier Set Up form DeCA will create a subscription for your IP GLN and inform you when ready to receive your first publication.
 - b. Publish the product information via the GDSN as "New Load". Product information must be published via the GDSN for receiving order on the products presented and approved.
 - b. If you are NOT a member of a GDSN certified data pool, such as 1WorldSync
 1. Call 1WorldSync at 866.280.4013 or businessdevelopment@1worldsync.com to get started



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5. PRIMARY DATA SYNC CONTACT

All emails received to this email address will be routed to DeCA's internal business and GDS representatives. Use this email address to send updates regarding your company's GDSN point of contact.

Email: gds@deca.mil



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5 WITHDRAWING PUBLICATIONS

When withdrawing publications sent to DeCA, suppliers must contact the appropriate category buyer to make us aware of these withdrawals and the reason for withdrawing the hierarchy from data synchronization.



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6 DECA'S GLN – PUBLISH TO PRODUCTION

DeCA's Production GLN: 1100001008841



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7 ATTRIBUTE REQUIREMENTS

Attribute Name	DeCA Required
Global Trade Item Number (GTIN)	Mandatory
EANUCC Code	Mandatory
EANUCC Type	Mandatory
Parent Item	Mandatory
Product Type	Mandatory
Product Description	Mandatory
Manufacturer Name	Mandatory
Brand Name	Mandatory
Quantity of Next Level GTIN(s)	Mandatory
Gross Weight	Mandatory
Gross Weight UOM	Mandatory
Depth (length)	Mandatory
Depth (length) UOM	Mandatory
Width	Mandatory
Width UOM	Mandatory
Height	Mandatory
Height UOM	Mandatory
Net Content	Mandatory
Net Content UOM	Mandatory
Number of Items in a Complete Layer/GTIN Pallet Ti	Mandatory
Number of Complete Layers Cont in Item/GTIN Pallet Hi	Mandatory
Start Availability Date	Mandatory
Country of Origin	Optional
Global Item Classification Code (GPC Code)	Mandatory
Discontinued Date	Optional
Last Order Date	Optional
Seasonal Start Date	Optional
Seasonal End Date	Optional
Consumable Unit Indicator	Mandatory
Orderable Unit Indicator	Mandatory



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8 ADDITIONAL RESOURCES

For more detail information regarding:

- Required, Dependent, and Optional attributes and Attribute Definitions, consult your Data Pool.
 - 1WorldSync suppliers can review the IM Participant Dictionary located on Solution Center/Implementation/Attributes, Validations & Code Lists/6.8.
- Valid Values, consult your Data Pool.
 - 1WorldSync Suppliers can review the IM Valid Values List document on Solution Center/Implementation/Attributes, Validations & Code Lists/6.8.
- Product Measurement http://www.gs1.org/docs/gsmg/gdsn/GDSN_Package_Measurement_Rules.pdf
- GTIN's http://www.gs1.org/docs/idkeys/GS1_GTIN_Allocation_Rules.pdf
- GLN's <http://www.gs1.org/barcodes/technical/idkeys/gln>
- Data quality <http://www.gs1.org/gdsn/dqf/start>
- GS1 Standards Library <http://www.gs1us.org/resources/standards/standards-library>



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REVISION HISTORY

Date	Ver #	Description of Change	Author
12-08-2010	1	Initial document	C. Macias
08-22-2011	2	Updated	Ivy & Rich
08-30-2011	3	Attributes - Update	Ivy & Rich
09-01-2011	4	Draft Completed	Ivy & Rich
03-01-2012	5	Minor Changes	Wayne Webb
03-29-2012	6	Recommended Changes by 1SYNC	Rich & Wayne
05-01-2012	7	Added Withdrawal of Publication	Rich
05-21-2012	8	Minor Changes	Wayne Webb
08-29-2012	9	Minor Changes - New Item Process and others	Wayne Webb
09-05-2012	10	Minor Changes - To the whole document	Rich & Wayne
09-17-2012	11	Minor Changes - Added Shipper rules	Wayne Webb
09-21-2012	12	Minor Changes	Wayne Webb
11-06-2012	13	Minor Changes to Data Validation Steps	Wayne Webb
01-09-2013	14	Added Brand Owner GLN and other changes to Data Validation Required information	Wayne Webb
2-25-2013	15	Consolidated Data Synchronization Steps	C. Macias
4-17-2014	16	Added GDSN mandatory information in section 1	P. Patel
5-2-2014	17	Updated New item and New vendor set up steps	P. Patel