



MITSUMI BUSSAN LOGISTICS INC.

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Mitsui Bussan Logistics Inc.
Data Synchronization Implementation Guide

Version 1.2



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Data Synchronization Implementation Guide

REVISION HISTORY

Date	Ver #	Description of Change	Author
11/21/2016	1	Initial document	A. Dowdy
2/2/2017	1.1	Updates: <ul style="list-style-type: none">• Primary contact info• Steps to begin syncing your data with Mitsui• Attribute requirements	A. Shlahman
2/9/2017	1.2	Finalized document	A. Shlahman



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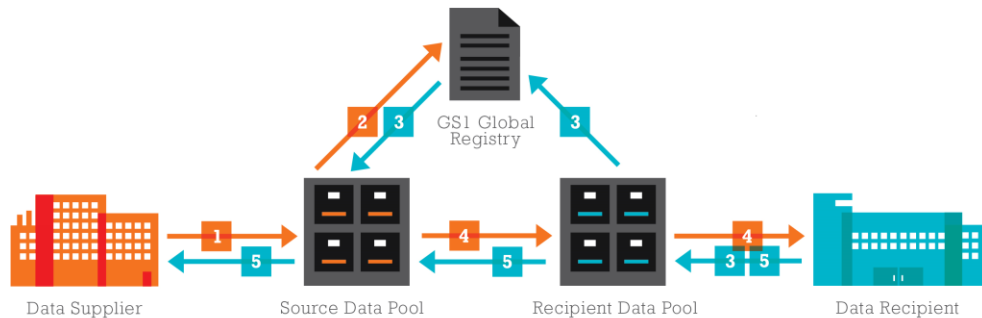


Data Synchronization Implementation Guide

1 OVERVIEW

Data Synchronization is the electronic transfer of standardized product and location information between trading partners and the continuous synchronization of that data over time. The Global Data Synchronization Network (GDSN) is an automated, standards based global environment that enables secure and continuous data synchronization, allowing all partners to have consistent item data in their systems at the same time.

Global Data Synchronization
Network™ (GDSN®)



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How the GDSN Works

The GDSN allows trading partners to synchronize standard product and location information with each other in five steps:

- 1 LOAD DATA**
The data owner registers product and company information.
- 2 REGISTER DATA**
A small subset of this data is sent to the GS1 Global Registry.
- 3 REQUEST SUBSCRIPTION**
The data recipient, through its own data pool, subscribes to receive a seller's information.
- 4 PUBLISH DATA**
The source data pool publishes the requested information to the recipient's data pool.
- 5 CONFIRM & INFORM**
The data recipient sends a confirmation to the data owner via each company's data pool, which informs the supplier of the action taken by the retailer using the information.

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Mitsui's goal is to establish Global Data Synchronization (GDS) as the preferred method of item setup and maintenance leading to improved efficiencies and item accuracy. Our objectives include developing a scalable and repeatable vendor onboarding program that provides a positive experience for all of Mitsui's vendor community. Vendors that leverage GDSN with Mitsui can save significant time and manual effort during the new item introduction process. Most of the attributes that Mitsui requires for new items can be supplied via GDSN – saving the vendor manual data entry.



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2 MITSUI'S DATA SYNCHRONIZATION INFORMATION

2.1 Primary Data Synchronization Contact

Email: mitsuigdsn@bli.com

2.2 Mitsui's Bussan Logistics Inc. GLN – Publish To

Production: **0865569000300**

Pre-Production: **0865569000300**

Data Pool: 1WORLDSYNC

Note: All publications must be in Production unless Mitsui is asking to test with a vendor in Pre-Production.



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3 STEPS TO BEGIN SYNCING YOUR DATA WITH MITSUI

1. Have your accurate item data loaded into your home data pool and insure it is ready for publication
 - a. Contact your data pool for any education you might require to complete this step.
2. If not already a member, join a GDSN data pool such as 1WorldSync
 - a. You can contact 1WorldSync at +1.866.280.4013 or businessdevelopment@1worldsync.com to get more information
3. Load your complete and accurate item data into your GDSN certified data pool and ensure it is ready for publication in production.
 - a. Contact your data pool for any education you might require to complete this step.
4. Review the attribute requirements in Section 3 of this document to ensure you meet our requirements.
5. Complete the Mitsui Trading Partner Form found on www.1worldsync.com/customer-page/mbli/. This will trigger the data sync process.
6. Mitsui will create a subscription based on your Information Provider GLN.
7. Mitsui will send email to the vendor's primary data synchronization contact when they are ready for the first publications.
8. Publish items in production to Mitsui GLN **0865569000300**.
 - a. Publish as "**New**" items indicated in the Mitsui e-mail.
 - i. A RECEIVED CIC will be generated automatically to let you know the item has been received by Mitsui.
 - ii. If there are any issues with your items, we will let you know by e-mail.
 - b. Mitsui will send an auto generated RECEIVED CIC when you modify an item.
 - c. Mitsui will send a REJECT CIC in case there is no need to sync the item anymore.
9. Send ongoing item maintenance notifications through your GDSN Certified Data Pool to Mitsui.



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4 ATTRIBUTE REQUIREMENTS

Attribute requirements spreadsheet can be found on Mitsui's landing page under "MBLI Attribute Guide" www.1worldsync.com/customer-page/mbli/