



Data Driver[®]

A Data Synchronization Solution for Small Suppliers





Use Data Driver to Synchronize Data via the GDSN

- Data Driver is an easy-to-use, low-cost tool that enables the creation and maintenance of U.P.C. barcodes (GTINs)
- GS1 US has enhanced Data Driver to support the electronic communication of product data to trading partners via data synchronization and the Global Data Synchronization Network[®] (GDSN[®])
- A key benefit of a GS1 US Partner Connections membership
 - Create and manage U.P.C. barcodes (GTINs)
 - Import existing U.P.C. barcodes (GTINs)
 - Assign and manage Global Location Numbers (GLNs)
 - Send your product data electronically to your customers



Benefits of Data Driver and Data Synchronization



Retailer Benefits:

- Reduction of administrative time
- Increase complete and accurate data received by small suppliers
- Decrease time spent on deductions
- Reduction of number of forms submitted manually

Small Supplier Benefits:

- Easy-to-use, online tool
- Accurate barcodes and data synchronization services
- No standards knowledge needed
- Cost-effective way to meet your retail customers' requirements



ENTER A NEW PRODUCT IN DATA DRIVER







Data Driver Main Menu


Use Data Driver to manage bar code details and basic product information.

Welcome DATA DRIVER TEST USER | User ID: QATES96573 | Current Prefix Being Used: 893576002 [Switch Prefix](#) | [Help](#) | [Log Out](#)

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I Want To Identify:

 [Products](#) Click on "Products" to add, edit, clone a product, or to view/print a Product Identification Detail Sheet. Data Driver will take you through an easy, step-by-step process to create a Product Identification Detail Sheet. This sheet will contain the bar code details needed by your label vendor or to print your labels in-house. If you would like to print a worksheet to help you collect the data before you enter it into Data Driver, please use this link for the [New Product Worksheet](#) or use the button on the "Products" menu.

[Locations](#) Click the "Locations" button to add, edit, or view the location(s) used by your company. Locations are assigned Global Location Numbers (GLNs) and are used in electronic commerce with your customers.

I Want To Synchronize Data

[Data Synchronization](#) Click on Data Synchronization to send your product and location data to your customer electronically through the Global Data Synchronization Network® (GDSN®). If you are not currently a GS1 US 1SYNC™ customer, you will be asked to subscribe to data synchronization services before sending this data.

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Products Menu

Select *Enter a Product That Needs a Bar Code*

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All Products

Available Options

[Enter a Product That Needs a Bar Code](#) | [Load GTINs Already In Use](#) | [Special Applications](#) | [Label Printing Vendors](#) | [New Product Worksheet](#)

My Entered Items

[Hide Search Criteria](#)

Packaging Level: Each Case Inner Pack Pallet

Brand Name: Bar Code Number: [Search](#)

Description: GTIN: [List All My Entered Items](#)

SKU: Status:

Items matching your criteria 2 of 2

[Edit](#) | [Clone](#) | [Summary](#) | [Product Identification Detail Sheet](#)

Status	Type	Product/Brand Name	Description	SKU	Bar Code Number	GTIN
<input type="radio"/> Complete	Product (UPC-A)	Sandy's Socks	Socks		862283000035	00862283000035
<input type="radio"/> Complete	Product (UPC-A)	Soup	Tomato		862283000036	00862283000036

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Select a Packaging Level

Steps:

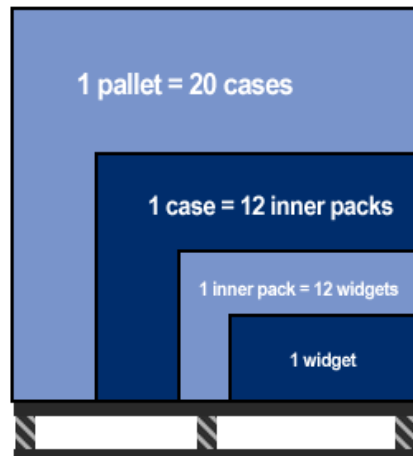
● Packaging Level

Packaging Level

Products are packaged at different levels, and each level requires a specific type of bar code. Choose the option below best describes your packaging for your product:

Note: Packaging levels are hierarchical, which means you must define the lowest level (each/individual unit) first before proceeding to a higher level.

Please select the option below that best describes the packaging level you want to bar code.



- Pallet (Shipping - can be Mixed Module):** A packaging level that can contain within it cases, inner packs, or each/individual units. Used for shipping only, never sold at the point-of-sale (POS) (ex. 20 cases of widgets).
- Case (Shipping - can be Display Shipper):** This is the standard shipping level. Can contain within it inner packs and/or each/individual units. (ex. 12 inner packs of widgets.)
- Inner Pack:** A packaging level that is not sold at the point-of-sale. Can only contain each/individual units (ex. a sleeve or poly bag, etc... of 12 widgets)
- Each/Individual Unit (Retail):** The lowest level of item packaging. These units are almost always sold at the point-of-sale. This typically is the product by itself. (ex. a widget)

Cancel Next



Enter Product Measurement Details

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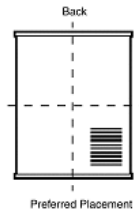
- Home
- Products
- Locations
- Admin Tools
- Message Center
- Data Synchronization

Steps:

- Product Packaging
- Measurement Detail**
- Category
- Summary
- Specification

NEW PRODUCT: Product Measurement Details

* Denotes a mandatory field



Product Identification

Brand Name *

Primary Product Description *

Internal Part Number or SKU (Optional)

Product Dimensions

Please enter exact dimensions for your product

Measurement Unit * Depth * Width * Height *

Product Weights

Measurement Unit * Gross Weight * Net Weight *



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Print Your Product Identification Detail Sheet

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Steps:
Product Packaging
Measurement Detail
Category
Summary
● **Specification**

NEW PRODUCT: Product Identification Detail Sheet


U.P.C. Company Prefix:	893576002	Company:	DATA DRIVER TEST USER
GTIN:	00893576002055	Location Contact:	STEVE JOBS
Product Bar Code Number:	893576002055	Address:	10 MAIN STREET, SUITE #100 PRINCETON, NJ, 08909
SKU/Internal Part Number:		Contact Phone:	(609) 924-9411
Product Line/Brand:	Joe's Supply	Email:	BSCHILKE@GS1US.ORG
Product Description:	Soup	Fax:	(609) 203-4502
Required Symbology:	UPC-A		

Minimum Size of Label:
Width: 1.719
Height: 1.271
Bar Code Dimensions: W 1.469 x H 1.021 (100%)
Minimum Quality Specs: 1.5/06/670

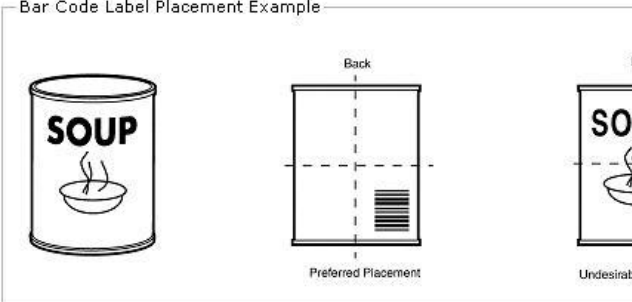
Label is applied to what type of packaging (e.g. wood, plastic, paper, corrugated):

I would like to order quantity of bar code labels.

[Find Label Manufacturing Vendors to Order Bar Code Labels](#)

 [Print Product Identification Detail Sheet](#)

Bar Code Label Placement Example



Back Preferred Placement Undesirable

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IMPORT EXISTING PRODUCTS AND LOCATIONS INTO DATA DRIVER



Import existing products and locations

Welcome GS1 US ENTERPRISES 1 | User ID: GSUSE16426 | Current Prefix Being Used: 81414100 [Switch Prefix](#) | [Help](#) | [Log Out](#)

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Steps:


- **Import My Data**

Import My Data

Data Driver validates your data to ensure compliance to GS1 System standards. Please download the template provided below for either Locations or Products. The templates contains detailed instructions on the first tabs to ensure the data is loaded correctly. Follow the step-by-step instructions presented to populate your item and location information in the templates provided.

Save the template by clicking on the link and saving it to a location on your computer.

 [Locations Template](#)

 [Products Template](#)

Import My GTINs - Products

Data File

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SYNCHRONIZE DATA WITH YOUR TRADING PARTNERS







Synchronize Your Data

From the Main Menu, select Data Synchronization.

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[Locations](#) Click the "Locations" button to add, edit, or view the location(s) used by your company. Locations are assigned Global Location Numbers (GLNs) and are used in electronic commerce with your customers.

I Want To Synchronize Data

[Data Synchronization](#) Click on Data Synchronization to send your product and location data to your customer electronically through the Global Data Synchronization Network® (GDSN®). If you are not currently a GS1 US 1SYNC™ customer, you will be asked to subscribe to data synchronization services before sending this data.

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Retailer Selection

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Steps:

- **Select Customer**
- Select Hierarchy
- Item Navigation
 - Basic
 - Attributes
 - Customer Attributes
 - Summary

Customer Selection

Now that you have selected your product, choose the customer to whom you want to send your product information. Since customers often have specific data requirements, each product and packaging level may have additional information you will need to provide in order to meet your customer needs. Note: You must indicate if this product is a "New Item" that they will now offer or if this is a current product.

The next set of screens will guide you through completing your customer's requirements. If you would like to see a worksheet of your customer's requirements, select your customer below and click on the "Print Customer Attribute Requirements" button.

Additionally, please remember to inform your customer that you will be synchronizing your data with them through GS1 US prior to sending the information.

Customers

[Show Search Criteria](#)

Customers matching your criteria 12 of 12.

[Print Customer Attribute Requirements](#)

	Current or New Product for Customer?	Customer Name	Customer GLN	Customer Type
<input type="radio"/>	Current	Associated Food Stores Inc	6701115112681	Individual Location
<input type="radio"/>	Current	Associated Wholesale Grocers	6701115112704	Individual Location
<input checked="" type="radio"/>	New	Family Dollar	6701115112711	Individual Location
<input type="radio"/>	Current	MCLANE COMPANY INC	6701115112728	Individual Location
<input type="radio"/>	Current	Wakefern	6701115112797	Individual Location
<input type="radio"/>	Current	Wal-Mart United States	6701115112803	Individual Location
<input type="radio"/>	Current	Wegmans Food Markets	6701115112810	Individual Location
<input type="radio"/>	Current	SV - Central Region	6701115112735	Market Group
<input type="radio"/>	Current	SuperValu- Midwest Region	6701115112742	Market Group
<input type="radio"/>	Current	SuperValu - Eastern Region	6701115112759	Market Group
<input type="radio"/>	Current	SuperValu Northern Region	6701115112766	Market Group
<input type="radio"/>	Current	SuperValu (GM/HBC)	6701115112773	Market Group

Cancel

Next



Hierarchy Selection

Welcome DREAMLOOK INC. | User ID: jmaze | Current Prefix Being Used: 853226001

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Steps:

- Select Retailer
- Select Hierarchy
- Item Navigation**
 - Basic Attributes
 - Retailer Attributes
- Summary

Hierarchy Navigation

The picture representation of your hierarchy is shown below. This product was enabled for electronic data synchronization to a customer/retailer of yours which requires additional information regarding your product. Navigate through the packaging levels that you are working with to provide this additional information by clicking the Next Item button below. For products with multiple levels, you may also click on a specific product packaging level to navigate to that item directly. When your edits are complete, click the Submit button to validate the information. If there are errors, they will display below. Correct all of the listed errors and click the Submit button again; if all errors were fixed, a summary page will display for your review.

Retailer: SV - Central GM/HBC

Product Configuration Levels

GTIN	Bar Code Number	Description	Packaging Level	Modified?
 10853226001507	10853226001507	Case of Sliced Turkey	CASE	No
 00853226001500	853226001500	Sliced Turkey	EACH	No



[Next Item](#) [Submit](#)



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jmaze | GLN: 9853226001006 | DREAMLOOK INC.



Data Synchronization Basic Attributes (Each)

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Steps:

- Select Hierarchy
- Select Retailer
- Basic Attributes**
- Retailer Attributes
- Summary




Data Synchronization Basic Attributes

The next set of screens will prompt you to complete data requirements for the retailer you selected, going through each product level. Please provide all appropriate values and click the "Next" button to proceed to the next page when complete.

Product Configuration Levels

 10033383011902 : 10033383011902 : Case : 8/2 LTR Joe's Ginger Ale Case
 **00033383011905 : 033383011905 : Each : Joe's Ginger Ale 2 LTR**

Retailer: Wegmans

Product Selling Target Market	<input type="text" value="United States"/>	Is Base Unit of Product?	<input type="text" value="Yes"/>
Product Description	<input type="text" value="Joe's Ginger Ale 2 LTR"/>	Is Product a Consumer Unit?	<input type="text" value="Yes"/>
Functional Name	<input type="text" value="Joe's Ginger Ale 2 LTR"/>	Is Product a Dispatch Unit?	<input type="text" value="No"/>
Global Product Classification Code (GPC)	<input type="text" value="10000594"/> <input type="button" value="Search"/>	Is Product an Orderable Unit?	<input type="text" value="No"/>
Start Availability Date	<input type="text" value="08-23-2007"/>  (DD-MON-YYYY)	Is Product an Invoiced Unit?	<input type="text" value="No"/>
Discontinued Date	<input type="text"/>  (DD-MON-YYYY)	Is Product Variable Weight?	<input type="text" value="No"/>
Cancel Date	<input type="text"/>  (DD-MON-YYYY)	Is Product Packaging Marked Returnable?	<input type="text" value="No"/>
Net Content	<input type="text" value="4.55"/> <input type="text" value="Pounds"/>		

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Data Synchronization Basic Attributes Summary

Click *Submit* to complete the data sync transaction

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Steps:
Select Hierarchy
Select Retailer
Basic Attributes
Retailer Attributes
Attributes
• Summary

Data Synchronization Attribute Summary

The following details the values you have entered for the publication you are about to send. Please verify the data and make any corrections before clicking the "Submit" button. Once the submit button is clicked, the data below will be sent electronically to the designated retailer.

Retailer: Wegmans		Publication Date: 8-23-2007		Validation Status: Pass	
GTIN	Bar Code Number	Packaging Level	Containment	Edit	
10033383011902	10033383011902	Case	8	Edit	
Basic Attributes					
Product Selling Target Market:	United States	Is Base Unit of Product:	No		
Product Description:	8/2 LTR Joe's Ginger Ale Case	Is Product a Consumer Unit:	No		
Functional Name:	8/2 LTR Joe's Ginger Ale Case	Is Product a Dispatch Unit:	No		
Global Product Classification Code (GPC):	10000594 - Non Alcoholic Beverages Variety Packs - Ready to Drink	Is Product an Orderable Unit:	Yes		
Start Availability Date:	08-23-2007	Is Product an Invoiced Unit:	Yes		
Discontinued Date:		Is Product Variable Weight:	No		
Cancel Date:		Is Product Packaging Marked Returnable:	Yes		
Net Content:	36.4 (Pounds)				
Retailer Attributes					
Point of Sale Description 1:					
Coupon Family Code:					
Dated Product Number of Days:	100				
Pallet Ti/Number of Products in a Complete Layer:					
Pallet Hi/Number of Complete Layers on Pallet:					
Order Increments:	1				
Minimum Order Quantity:	1				
Order Sizing Factor:	1				
GTIN	Bar Code Number	Packaging Level	Containment	Edit	
00033383011905	033383011905	Each	1	Edit	
Basic Attributes					
Product Selling Target Market:	United States	Is Base Unit of Product:	Yes		
Product Description:	Joe's Ginger Ale 2 LTR	Is Product a Consumer Unit:	Yes		
Functional Name:	Joe's Ginger Ale 2 LTR	Is Product a Dispatch Unit:	No		
Global Product Classification Code (GPC):	10000594 - Non Alcoholic Beverages Variety Packs - Ready to Drink	Is Product an Orderable Unit:	No		
Start Availability Date:	08-23-2007	Is Product an Invoiced Unit:	No		
Discontinued Date:		Is Product Variable Weight:	No		
Cancel Date:		Is Product Packaging Marked Returnable:	No		
Net Content:	4.55 (Pounds)				
Retailer Attributes					
Point of Sale Description 1:	Ginger Ale				
Coupon Family Code:	ABCD				
Dated Product Number of Days:	100				
Pallet Ti/Number of Products in a Complete Layer:					
Pallet Hi/Number of Complete Layers on Pallet:					
Order Increments:					
Minimum Order Quantity:					
Order Sizing Factor:					

[Previous](#) [Submit](#)

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**If you have any questions about Data Driver,
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