GS1 DIY Self Learning Materials

Platforms & Services offered by GS1 Malaysia

GS1 Malaysia Berhad
SERVICES & PRODUCTS offered by GS1 Malaysia

GS1 MALAYSIA VALUES & SERVICES

GS1 Membership

GS1 Support & Services
(Accessed via the Verified by GS1 – Product Databank Support & Services (VbG-PDSS))
GS1 Membership Licenses

- **License Certificates are valid for 1 Year**
- Shows whether your **GS1 membership AND corresponding identifiers is valid or not**
- Recognised by local regulatory agencies such as KPDN & MOH, and foreign agencies such as FDA and EU EUDAMED
- Available for subsequent years **upon request**
# GS1 Additional Membership License

<table>
<thead>
<tr>
<th>GS1 Company Prefix</th>
<th>Additional membership prefixes are considered as <strong>individual</strong> &amp; <strong>separate</strong> member prefixes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Membership License</td>
<td>Each additional active member prefix can be <strong>individually terminated</strong> or <strong>transferred</strong>.</td>
</tr>
<tr>
<td>Termination or Transfer</td>
<td>You can apply from <strong>any available membership license category</strong> (Standard / Small Block). One especially good use is in the contractual manufacturing environment to fulfil cross-border supply chain requirements and activities</td>
</tr>
</tbody>
</table>
| Apply and Allocate | Standard Block (1,000 numbers) = RM **708.00** per block  
Small Block (10 numbers) = RM **390.00** per block |
SERVICES & PLATFORMS offered by GS1 Malaysia

GS1 Support & Services
- Barcode Number Generation
- Barcode Symbol Generation
- 24/7 Product Data Governance and Brand Protection
- Barcode Verification Services & Reports (1D/2D)

GS1 Platforms
- Member Product Databank
- Global Membership Directory (GEPIR)
- GS1 Registry Platform

Capacity Building & Implementation
- Effective Implementation of GS1 Standards & Keys
- Migration to "Data-Rich 2D" Initiative
- Industry Focus Forums (Supply chain, UDI, GLN)
- In-House Business Consultation
Member Product Databank
What is the Member Product Databank?

• A trusted product information platform, governed and managed by GS1 Malaysia.

• The platform is built in compliance with GS1 Global Product Classification (GPC) guidelines.

• A repository for trusted product information provided by brand owners.

• Facilitates brand protection, product validation and acts as a backup repository for brand owners.
GS1 Platforms
Member Product Databank

Submit company and product information
Global Product Classification (GPC)

- A list of product classification codes used to classify different types of products to support business search engine requirements.
- Used globally by global trading partners to group products in the same way, everywhere in the world.

Segment: 50000000 - Food/Beverage/Tobacco

Family: 50200000 - Beverages

Class: 50202200 - Alcoholic Beverages (Includes De-Alcoholised Variants)
Class: 50202500 - Beverages Variety Packs
Class: 50201700 - Coffee/Tea/Substitutes

- Brick: 10000111 - Coffee - Beans/Ground
- Brick: 10000115 - Coffee - Instant
- Brick: 10000114 - Coffee - Ready to Drink
- Brick: 10006311 - Coffee Substitutes - Instant
- Brick: 10006312 - Coffee Substitutes - Ready to Drink
Benefits of using GS1 Malaysia member product databank

**Benefits for GS1 Members:**
- Protects brand equity
- Increases product visibility
- Proof of integrity
- Proof of adopting GS1 best practices
- Visible to consumers and retailers
- Increases consumers and retailers confidence (and ultimately increases sales!)
- Helps business to remain competitive in the market

**Benefits for Consumers:**
- Access to trusted and accurate product information
- Make better buying decisions

**Benefits for Retailers & Marketplaces:**
- Access to accurate product information
- Increases consumer’s confidence in a brand sold by the retailers (and ultimately helps increase sales for retailers!)
- Identify new product opportunities
# Product Listing Template Example

## Retail Unit Product Listing Template

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Retail Unit Product Listing Template</th>
<th>Non-Retail Unit Product Listing Template</th>
</tr>
</thead>
</table>

### GTIN-14 Barcode

**Product Name**

*Please provide a description of the non-retail unit, e.g., Coca Cola Shipping Carton*

**Quantity (of a single carton)**

*Total inside item count: 1000*

**Unit of Measurement**

*For a single carton: Eq. bottles, liter, pcs*

**Carton Dimensions**

*Eq. height x depth x width*

**Base/Inner Unit Barcode**

*Please fill in the base product barcode here, if available*

**Outer Case Carton (OCC) No.**

*List the level of OCC, e.g., a shipping carton that has an inner carton that contains the actual product would be ‘2’*

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The Global Language of Business © GS1 Malaysia Berhad 2019
GS1 Malaysia Databank Mobile App

- Used to access the **GS1 Malaysia Member Product Databank**
- Easy access to **trusted and genuine product information**
GS1 Malaysia Product Search Portal

• Users can search using the following:

➢ GTIN

➢ Company Name

http://databank.gs1my.com/#
GS1 Malaysia Retailer Dashboard

• **Optimizing Online/Offline Retailers' Assortment through Brand Awareness/Product Visibility**

• Used by **Retailers only** for **optimising product visibility, product authentication, to fulfil retail merchandising requirements and product curation, full product visibility, improves market access and business market share.**

• It brings members and products **closer to retailers and business opportunities, providing access to local and global networks and marketplaces and promotes Made-In-Malaysia Products.**

• Can search by **GTIN, Company Name, Product, Brand or Category.**
GS1 Malaysia Supports “Love Malaysia, Buy Made-In-Malaysia” Products

GS1 Malaysia’s collects data on a product’s **Country of Origin**.

Malaysian brand owners whose products are produced in Malaysia are highly encouraged to state their product’s origin.

**e.g. “Malaysia” or “Selangor, Malaysia”**
GS1 Malaysia Supports “Love Malaysia, Buy Made-In-Malaysia” Products

A product’s Country of Origin will be displayed on our **Product Search Portal** for reference.
GS1 Global Platforms

• Global Membership Directory (GEPIR)
• Registry Platform
GEPIR: Global Member Information Database

- GS1 **member company information repository**, managed by GS1 Global.
- Used to determine GS1 **membership license validity**, search using GTIN/barcode.
- Importance of a verifiable, active GS1 membership license:
  - Risk delisting of products in marketplaces such as **Amazon** if inactive,
  - Fulfils regulatory requirements by agencies such as the **China General Administration of Customs (GAC)**,
  - Used to validate **UDI submissions** into the US FDA Global Unique Device Identification Database (**GUDID**)..

http://gepir.gs1.org
GS1 Registry Platform
A Strong Foundation

- In line with GS1’s **Verified by GS1** initiative.
- Enables industries to access reliable product data to verify global identity.
- Plays a pivotal role in the industry’s digital transformation by connecting products to accurate data.
Barcode Quality Control Program
Barcode Quality Control Program

• This program determines if a barcode symbol is in line with GS1 Standards for barcode symbols.

• This program is inclusive of Barcode Validation, Verification and Decoding.

• 1D or Linear barcodes and 2D barcodes can be verified.

• A GS1 Barcode Verification Report is generated for each sample verified (1D verification report for 1D barcodes and 2D verification report for 2D barcodes)

• A Barcode Compliance Certificate denoting a successful inspection will be issued to the submitter.
Example of a Barcode Verification Report
Example of a Barcode Compliance Certificate

Pricing
- **RM 100.00** per label for GS1 Subscriber
- **RM 200.00** per label for non-GS1 Subscriber
Verified by GS1 – Product Databank Support & Services (VbG-PDSS)*

*Formerly known as Value Added Membership Package (VAMP)
Benefits of VbG-PDSS

- **Retailer**
  - Looking for New Market Opportunities
  - Search Engine Powered by GS1 Global Standards

**Level**
- **Segment**
  - An industry Segmentation or Vertical
  - Example: Food, Beverages, & Tobacco

**Family**
- A broad division of a segment
  - Example: Milk, Butter, Cream, Yoghurts, Cheese, Eggs, & Substitutes

**Class**
- A group of like categories
  - Example: Milk and Milk Substitutes

**Brick**
- Categories of like products
  - Example: Milk and Milk Substitutes (Perishable)

**Other Users:**
1. Marketplaces
2. Potential Buyers
3. Cross-border Trading
4. Regulatory Agencies
5. Consumers

Scan here to Learn More!
Or visit this link:
http://gs1my.org/?q=gs1-malaysia-verified-gs1-product-databank-support-services-vbg-pdss
Want to learn more?

Attend GS1 Malaysia’s
Capacity Building & Implementation Program
to find out more!
Effective Implementation of GS1 Standards and Keys – FREE to attend!

**Effective Implementation of GS1 Standards & Keys**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Highlights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday to Friday</td>
<td>3.00 PM - 4.00 PM</td>
<td>• Learn how to assign GS1 barcode numbers.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Upload your product information to our online repository for visibility &amp; authenticity.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Why an active GS1 Membership is important for your Business.</td>
</tr>
</tbody>
</table>

*Subject to change

**JOIN US NOW ON ZOOM!**

© GS1 Malaysia Berhad 2019
# Migration to “Data-Rich 2D” Initiative – FREE to Attend

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Every WED</td>
<td>9.00AM – 10.00AM</td>
</tr>
</tbody>
</table>

Are you ready for The Future of 2D DataMatrix?

**Key Learnings:**

- Learn about how GS1 supports the **global migration towards the 2D Data matrix** for greater **product visibility, traceability, and authentication**.
- Case studies about successful 2D barcode usage & implementation in Healthcare and Retail around the world.

**Migration to “Data-Rich 2D” Zoom Link:**
https://us06web.zoom.us/j/82513900764

(01)09557046000170
(17)250630
(10)2107015
(21)2022040001

*Subject to change

**JOIN US NOW VIA ZOOM!**
**Verified by GS1 – Product Databank Support & Services**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Highlights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Every Thursday of</td>
<td>11.00 AM</td>
<td>• WHAT is VbG-PDSS?</td>
</tr>
<tr>
<td>the Month</td>
<td>- 11.30</td>
<td>• WHY is VbG-PDSS so Important?</td>
</tr>
<tr>
<td></td>
<td>AM</td>
<td>• The Services &amp; Platforms Managed by VbG-PDSS</td>
</tr>
</tbody>
</table>

*Subject to change

**VbG-PDSS Zoom Link:**
[https://us06web.zoom.us/j/8977066545](https://us06web.zoom.us/j/8977066545)

**JOIN US NOW ON ZOOM!**
GS1 Industry Focus Forums

GS1 Malaysia Industry Focus Forums

<table>
<thead>
<tr>
<th>TOPIC 1</th>
<th>TOPIC 2</th>
<th>TOPIC 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply Chain Optimisation and Regulatory Fulfilment using Global Location Number (GLN) and GS1 Services</td>
<td>Comply with Global Unique Device Identification (UDI) Regulation &amp; Directive of Healthcare using GS1 Standards</td>
<td>The Importance of GS1 Global Location Number (GLN)</td>
</tr>
<tr>
<td><strong>Key Learnings:</strong></td>
<td><strong>Key Learnings:</strong></td>
<td><strong>Key Learnings:</strong></td>
</tr>
<tr>
<td>- Comply with Retail Merchandising Requirements</td>
<td>- Achieve compliance with international directives and country-specific regulations on medical devices and pharmaceutical products</td>
<td>- Comply with international directives and country-specific regulations on location and entity identification such as the Russian certificate of conformity for all products originating outside of EAEU and the use of GLN by NPRA-MOH for COVID-19 vaccine track and trace.</td>
</tr>
<tr>
<td>- Fulfill Global Regulatory Compliance</td>
<td>- Fulfilling regulatory compliance required by US FDA GUDID, EU EUDAMED, China NMPA, UAE Brandsync, and many more.</td>
<td></td>
</tr>
<tr>
<td>- Track &amp; Trace using the GS1 2D Datamatrix</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Write to databank@gs1my.org to book your session!

*Chargeable: 1-5 people – RM 500 6-10 people – RM 1000
In-House Business Consultation

Need a special tailor-made In-House Business Consultation session? GS1 Malaysia can provide advisory support for you to meet your specific needs.

Each session can be **half-day** or **full day**.

Scan here for the Fee Structure:
Step by Step Implementation Guide

GS1 standards make it possible to achieve end-to-end supply chain traceability

Harvesting: The producer harvests the crop and packs it into cases. Each of the cases gets a label with GTIN + batch/lot ID, and the related data is recorded.

Manufacturing: The producer transforms ingredients into final products. After that, the manufacturer packs the products into cases. To maintain traceability, the inputs and outputs of the process are recorded on batch/lot level.

Shipping: The warehouse department picks the goods and packs them onto pallets. To maintain traceability, the warehouse records the links between product IDs (GTIN + batch/lot ID) and pallet IDs (SSCC). Subsequently, the pallets are moved to the outbound staging area to be collected by the carrier.

Transporting: The carrier arrives and loads the pallets onto the truck. The driver uses his mobile device to identify each of the pallets. The link between the pallets and the truck is recorded. Now, by tracking the truck, pallets and goods can also be tracked.

Receiving: The pallets arrive in the retail distribution centre. The incoming goods department inspects the received goods by scanning the SSSCCs on the pallet label and compares the data against the pre-registered information in the system. When all checks are correct, the goods will be marked as available in the inventory management system.

Selling: The products have arrived at the store and placed on the shelves. A consumer has decided to buy two products. At the checkout, the clerk scans the barcode on the products. The system automatically checks the expiry date. The GTIN and the batch/lot ID are registered. The sales are recorded.

GS1 identification keys used:
- GTIN: Global Trade Item Number
- GLN: Global Location Number
- SSCC: Serial Shipping Container Code
- GIA: Global Individual Asset Identifier

The Global Language of Business

Scan to get a copy
Useful Information

Why GS1 Matters to Everyday Business (VIDEO)

Brand Protection & Business Integrity through Product Identify Governance (VIDEO)

The Threat of Unauthorised Numbers to Product Identity Governance
Official GS1 Communications Channels

Official GS1 Malaysia WhatsApp

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(Strictly for Payment Only)

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(Strictly for Payment Only)

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Fax: +603-6276 1042

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membership@gs1my.org

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gs1mymembership@googlegroups.com

Official GS1 Malaysia Website

www.gs1my.org