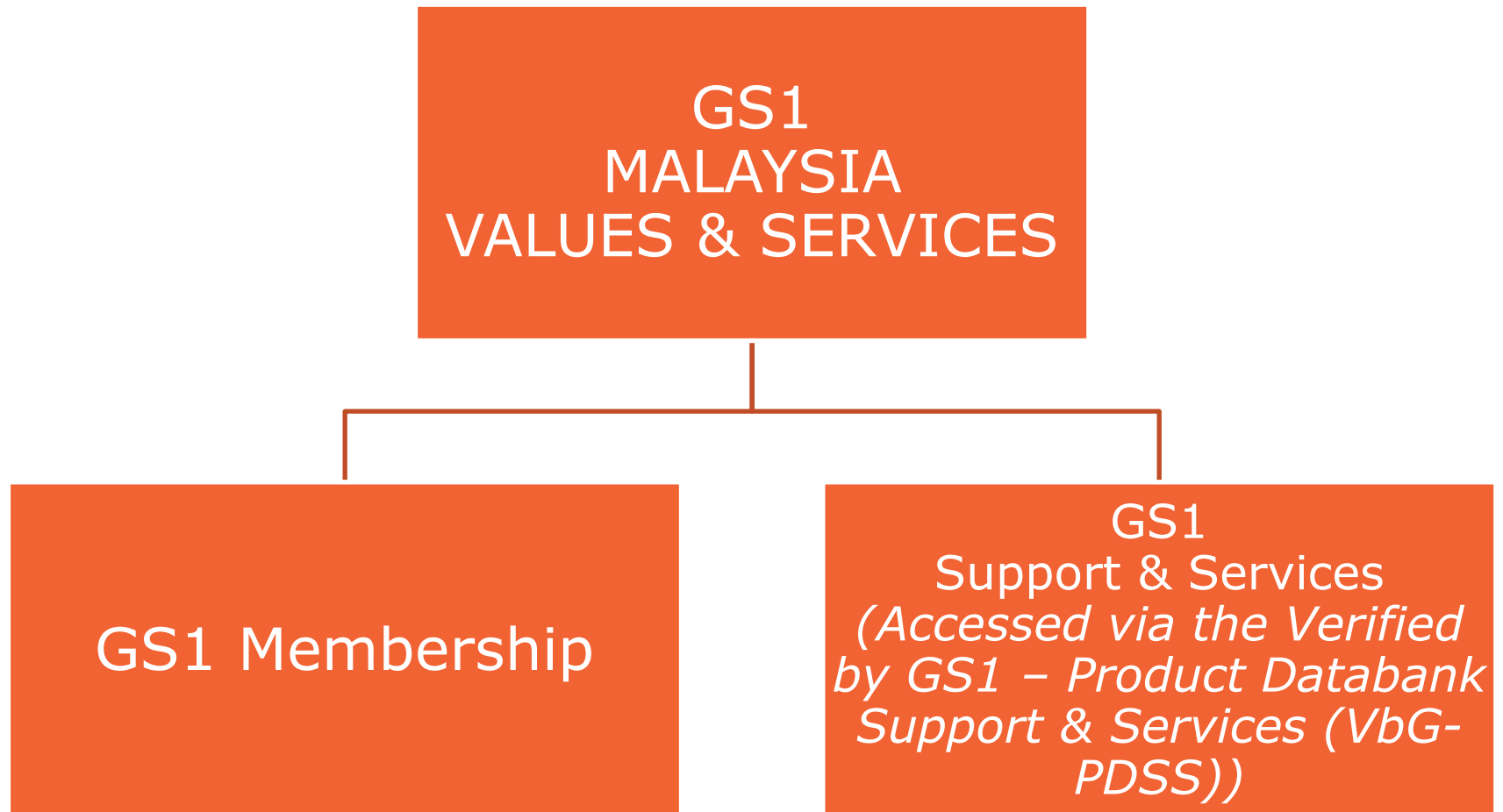


SERVICES & PRODUCTS offered by GS1 Malaysia



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 Membership License

This is to certify that **GS1 Malaysia Berhad** is a licensed Member of GS1 Malaysia Berhad from **26th January 2022** to **30th June 2022** with the prefix number:

955 XXXXXX



Scan here and key in your company name to validate your GS1 subscriber membership!

Authenticate your GS1 membership with GS1's Global Membership Directory (GEPiR)



This is a computer generated certificate. No signature is required.



Note: The GS1 Malaysia Membership License issued to you is only valid for the current financial year. The Membership License for the following year will be issued upon request. Each license for the relevant financial year will be issued for free for the first time. All subsequent requests to issue a license will be charged RM150.00 per license certificate.

GS1 GLN License

This is to certify that **GS1 Malaysia Berhad** is a GLN license holder of GS1 Malaysia Berhad from **14 January 20XX** to **30 June 20XX**. The registered GLN prefix is **95540000XXXX**. The below GLN number has been assigned to the following location:

95540000XXXX

WISMA FMM, No. 3, Persiaran Dagang, PJU 9, Bandar Sri Damansara, 52200 Kuala Lumpur



Scan here and key in your company name to validate your GS1 subscriber membership!

Authenticate your GS1 membership with GS1's Global Membership Directory (GEPiR)



This is a computer generated certificate. No signature is required.



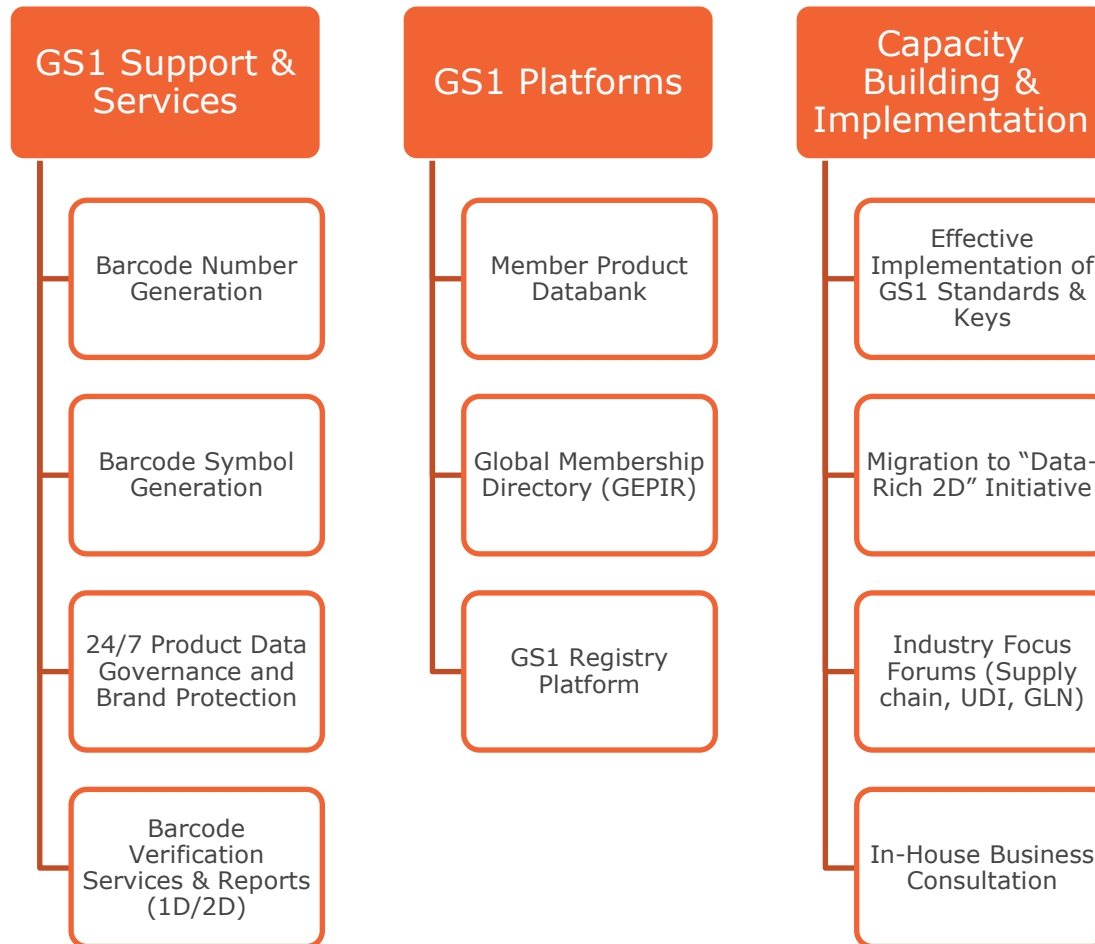
Note: The GS1 Malaysia GLN License issued to you is only valid for the current financial year. The GLN License for the following year will be issued upon request. Each license for the relevant financial year will be issued for free for the first time. All subsequent requests to issue a license will be charged RM150.00 per license certificate.

GS1 Additional Membership License

GS1 Additional Membership License

GS1 Company Prefix	Additional membership prefixes are considered as individual & separate member prefixes
Membership License Termination or Transfer	Each additional active member prefix can be individually terminated or transferred .
Apply and Allocate	You can apply from any available membership license category (Standard / Small Block) . One especially good use is in the contractual manufacturing environment to fulfil cross-border supply chain requirements and activities
Pricing	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



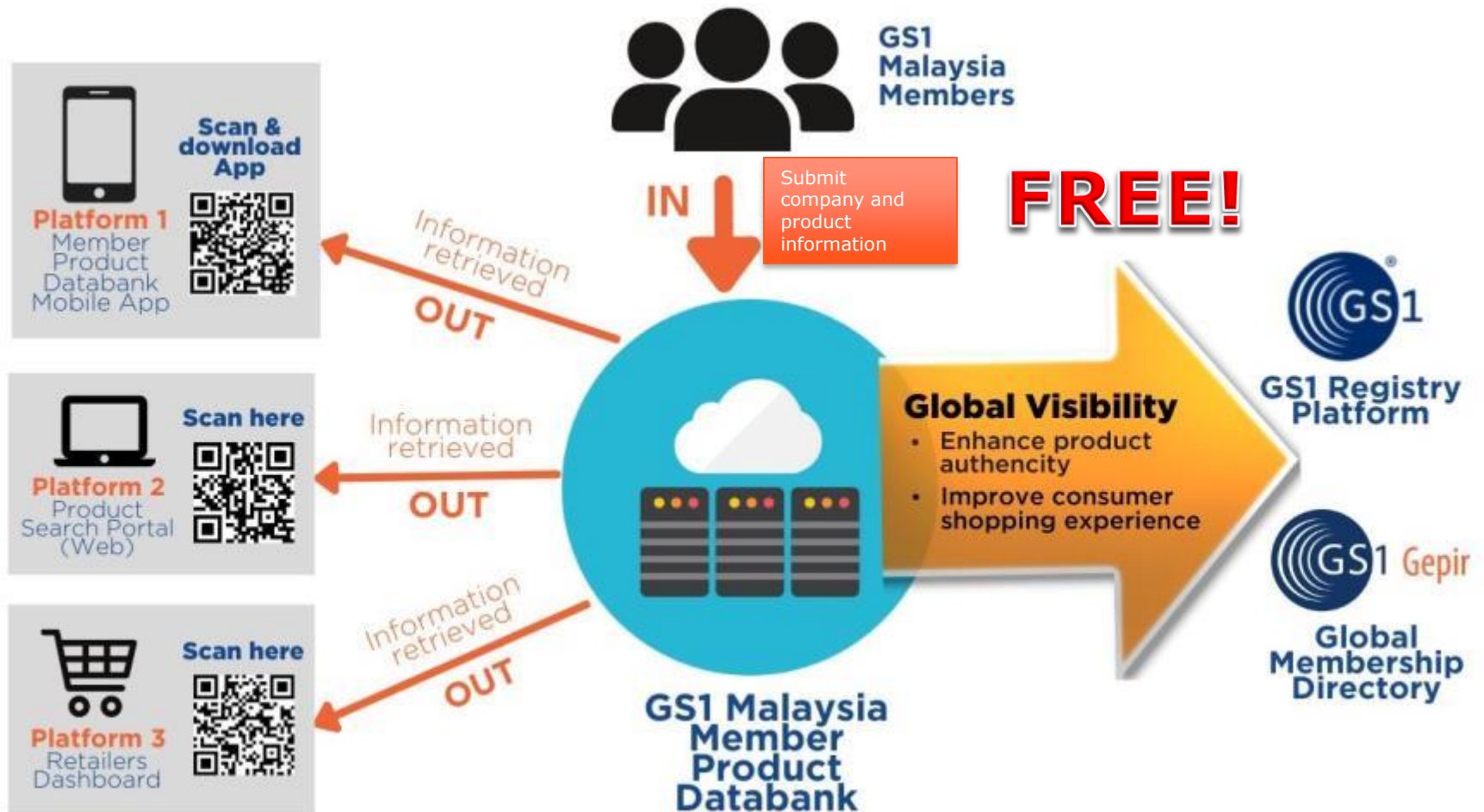
Member Product Databank

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



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

By submitting this form, you indicate your agreement to the following:

We, the Member, hereby understand that the GS1 company prefix and barcode numbers are licensed for use by my company by GS1 Malaysia, deemed in violation of the GS1 Membership License Agreement. We agree to provide GS1 Malaysia with full access to, and allow GS1 Malaysia the use of and to share all product information provided by our company as GS1 Malaysia deems necessary as a trusted source of product information for retailers, international buyers, trading partners and any other marketing and promotion activities. Any product information deemed sensitive and/or intended only for limited distribution should be stated as such in the form. The Member must hereby ensure accuracy of information provided, **GS1 Malaysia cannot be held liable for any inaccuracies of information provided in this document.** The 13-digit barcode numbers are generated by members themselves, or can be generated by GS1 Malaysia on request, at **RM50 per 50 numbers.** Any request to amend or revise contributor / product information in a product listing will incur a fee of **RM50 per SKU.** All submissions must not include the symbols: "I, @, #, \$, %, &, |, {, }, <, >, ? , /, !, !, !, !, !, *," etc". Member product listing submissions and amendments are limited to **once every calendar month.** Additional submissions and amendments within a calendar month are subject to **RM 100.00 per submission.**

Company Name:	[Key in the Company Name Here]
GS1 Licensed Company Prefix 955 (xxxxxx) :	[For Category A = xxxxxxxx or xxxxx; For Category B = 9554100xxxxxxx]
For GS1 Use Only:	
Category:	A
Running No. Start:	6

Core Product Information (Compulsory)							Additional Information					Certification (If present, must fill in ALL details. If no, leave BLANK)				
GTIN-13 Barcode Number	Product Name	Brand Name	Are you the Product Owner? (Y/N)	Quantity (for a single product unit)	Unit of Measurement (single product unit)	Product Dimensions (mm)	GPC Class Code	GPC Brick Code	Country of Origin	Target Market	Product Short Description	Product Images	Certification Status (Y/N, N/A, In Progress)	Issuing Body	Certification Expiry Date	Certification Identifies
Examples, for illustration Purposes. DO NOT copy-paste here	Misal: Chili Caps Example: Fruit Product Example: Furniture Product Example: Chewable Blackcurrant Java Tea 25	Misal: Malaysia EFP EFP DCM Pharmaceuticals BALUNG	Y N Y Y N	500 1 1 100 25	ML (Pcs) 1 Item (Part 1 of 4) 100 tablets 25 Sachets (50 G each)	240x60x60 1800 x 750 x 30 105 x 55 180mmx60mmx55mm	50111000 - Sweet/Savours/Dips 50211900 - Miscellaneous Fruit 15010300 - Household Tables/D4 51016000 - Vitamins/Minerals/Herbs 50001700 - Coffee/Tea/Softdrink	10006325 10005931 10002203 10000487 10000716	Malaysia China Thailand Malaysia Malaysia	MY_SG_TH_ID AU_NZ_ID MY_SG_THA_IDM MY_SG_TH_ID MYG	What makes our chili caps... Example: Fruit Dec. Example: Table One Blackcurrant Flavor BALUNG Java Tea	355xxxxxxx0001-1.jpg 355xxxxxxx0034-2.jpg 355xxxxxxx1238-3.jpg	Y N Y In Progress	JAKIM JAKIM JAKIM JAKIM	2018-01-01 2015-02-02 2019-12-18	010161JAKIM 020216JAKIM 121219JAKIM

Non-Retail Unit Product Listing Template

GTIN-14 Barcode The codes are auto-generated, do NOT type here	Non-Retail Unit Description Please provide a description of the non-retail unit, e.g. Coca Cola Shipping Carton	Quantity (of a single carton) Total inside item count Eg. 1000	Unit of Measurement (for a single carton) Eg. bottles, liter, pcs	Carton Dimensions Eg. height x depth x width	Base/Inner Unit Barcode Please fill in the base product unit 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'
---	---	---	---	--	---	--

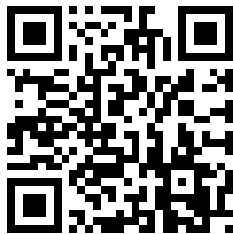
GS1 Malaysia Databank Mobile App

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

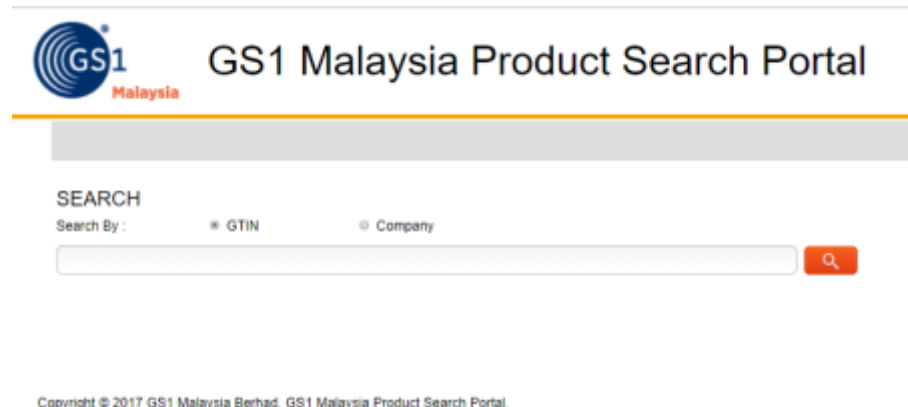


GS1 Malaysia Product Search Portal

- Users can search using the following:
 - **GTIN**
 - **Company Name**



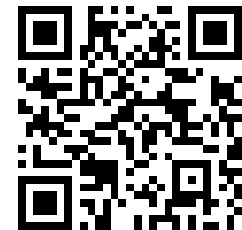
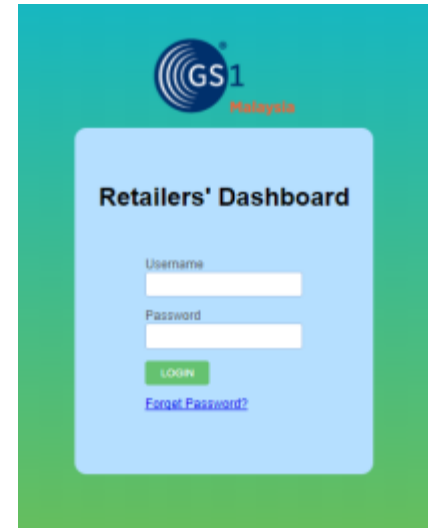
<http://databank.gs1my.com/#>



The screenshot shows the GS1 Malaysia Product Search Portal interface. At the top left is the GS1 Malaysia logo. To its right is the text "GS1 Malaysia Product Search Portal". Below this is a search section with the heading "SEARCH". Under "SEARCH" is the text "Search By :". To the right of "Search By :" are two radio buttons: "GTIN" (which is selected) and "Company". Below the radio buttons is a search input field with a magnifying glass icon on the right. At the bottom of the page, there is a copyright notice: "Copyright © 2017 GS1 Malaysia Berhad. GS1 Malaysia Product Search Portal."

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

Global Product Classification (GPC), Compulsory		Core Information (Compulsory)	
GPC Class Code <i>Please refer to the GPC Listing Table below and give the closest match from the Class Table. The format is: (Code)+-(Description). Required for Retailer Barcode Search.</i>	GPC Brick Code <i>Please refer to the GPC Listing Table below and give the closest match from the Brick Code Table. Just put in the code. Required for GS1 Cloud Listing.</i>	Country of Origin <i>Provide product manufacturing origin. If repackaged, state as such & provide CoO of raw materials</i>	Target Market <i>Provide the country code of the target market(s) where the product would be included. Refer to Country Name List Table for full list of countries.</i>

Country of Origin
Provide product manufacturing origin. If repackaged, state as such & provide CoO of raw materials

e.g. “Malaysia” or “Selangor, Malaysia”

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

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

GS1 Malaysia Supports “Love Malaysia, Buy Made-In-Malaysia” Products



SEARCH

Search By :

* GTIN

© Company

9506135082301



A product's Country of Origin will be displayed on our **Product Search Portal** for reference.

Name :

Cactus Natural Mineral Water

Brand :

Cactus

Quantity :

230

Units :

ml

Country of Origin

Malaysia

Classification (Class) :

50202300 - Non Alcoholic Beverages - Ready to Drink

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,
 - Fulfills 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 (**GUIDID**).



<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

GS1 Malaysia
GS1 MALAYSIA BERHAD
 GS1 STANDARDS AND KEYS
 BARCODE VERIFICATION REPORT

Form No. : F-001 (10/12) Issue No. : 07

Report No: **GSIM/20-01-17** Date: **24-Jan-2020 08:56 AM**

Company:	Tan Seng Sdn Bhd
Number Data Encoded:	19324781001048
Number of Bar Code on Item:	1
Type of Bar Code:	177-14
Description:	Carton of EPS02791

Disclaimers:

- This report may not be attended after issue.
- If you are not the intended recipient of this report you are hereby notified that any use, dissemination, distribution or reproduction of this message is prohibited.
- All samples provided to GS1 must be reclaimed within 7 working days upon receipt of this report, or they will be disposed of.
- The report results are not absolute in that they do not necessarily prove or disprove that the barcode will scan. The scan rate given on this report is only a guide for the sample provided.
- The report reflects the specifications of the sample tested and not any other item of the same product.
- The below assessments do not constitute evidence for the purpose of any litigation.
- It is the responsibility of the brand owner to ensure the correct use of GS1 Company Prefix and the correct allocation of the data content.
- Every possible effort has been made to ensure that the information and specifications in the report are correct, however, GS1 Malaysia expressly disclaims liability for any errors.
- To ensure efficient scanning, companies should exceed minimum GS1 barcode symbol specifications.

Verification Result

PASS



GS1 Malaysia Berhad (10710894)
 Menara CIMB, No. 1, Jalan Damansara, Pusat 5, Damansara, 50488 Kuala Lumpur, Malaysia
 T: +603-6340-0001 F: +603-6370-1000 E: gs1@malaysia.gs1.org M: www.gs1.org

GS1 Malaysia
GS1 MALAYSIA BERHAD
 GS1 STANDARDS AND KEYS
 BARCODE VERIFICATION REPORT

Form No. : F-001 (10/12) Issue No. : 07

Technical Analysis of Barcode Symbol

GS1 Parameters	Measured Value (GS1/ISO)	PASS or FAIL	Required	GS1 Parameters	Measured Value (GS1/ISO)	PASS or FAIL	Required
Symbol Structure	01.04	Pass	Observed as encoded (01.04)	Overall ISO Grade	1.76(0.5) (1.5)	Pass	0.5
Data Structure	01010001001048 8	Pass	Observed as encoded (01010001001048)	Edge Determination	00%	Pass	0%
X Dimension	6.72(0.4)	Pass	Specified as printed (6.72)	Normal/Wide Ratio	1.24	Pass	1.2-1.4
Human Readable	0%	Pass	Pass	Modulation	48.3(1.8%)	Pass	0.5
Bar Height	5.02(0.4)	Pass	Specified as printed (5.02)	Light Margin Area	0%	Pass	0%
Decodability	> 4.0 (0.75)	Pass	0.5	Axial Nonuniformity			0.5
Decode	0%	Pass	Pass	GDI Nonuniformity			0.5
Symbol Contrast	1.7 (1.4) (4%)	Pass	0.5	Unusual Error Correction (UEC)			0.5
Minimum Reflectance	0%	Pass	0%	Module size			0.2(0.1)-0.25(0.1)
Skew/Shear	< 4.0 (0.5)	Pass	0.5	Cell size			20.0(0.5)
Defects	3.7 (0.1) (0%)	Pass	< 3%	Quiet Zones (QLL, QLZ)			0.5

Legend


Grade A	Grade B	Grade C	Grade D	Grade F
3.5 - 4.0	2.5 - 3.4	1.5 - 2.4	0.5 - 1.4	0.0 - 0.4

Notes:
 Passing Grade for EAN-13 and other barcodes: > 1.5
 Passing Grade for 177-14: > 0.5
 PASS or FAIL: If Bark = PASS, F X = FAIL


Report Generated By:
Enoch Chia

Report Verified By:
Loring Koh Loo

Example of a Barcode Compliance Certificate

 Product Bar Code Compliance Certificate

no. 2017020114

Company Name		Company Prefix	4710002
Company Address			
Submission Company		Company Prefix	4710002
Human Readable	Pass		
Submission Date	2017-02-22	Verification Date	2017-02-22 <small>This certification is valid for 12 months from the date of issuing.</small>
Name of Sample	None		
Data Encoded	4710002345677		
Type of Sample	Symbol on product packaging (without content inside)		
Type of Symbol	EAN-13		
Quality Standard	ISO/IEC 15416:2000 Information technology - Automatic identification and data capture techniques - Bar code print quality test specification - Linear symbols		
Result	This verification grade is A. This sample meets the requirements defined by GS1 international standard.		
Note	2017/02/22		

Notes:
It is the responsibility of the brand owner to ensure the correct use of the GS1 Company Prefix and the correct allocation of the data content. Rejection of products should not necessarily be based only on an out of specification result. Bar Code readers are measuring devices and are tools that can be used for assisting in quality control. The results are not absolute in that they do not necessarily prove or disprove that the bar code will scan.

Important Note:
This Verification Report may contain privileged and confidential information intended only for the use of the addressee named above. If you are not the intended recipient of this report you are hereby notified that any use, dissemination, distribution or reproduction of this message is prohibited, if you

Disclaimer:
This certificate does not constitute evidence for the purpose of any litigation, and GS1 Malaysia will not enter into any discussion or respond to any correspondence in relation to litigation.

Approval: _____ Examiner: _____ Auditor: _____



Pricing

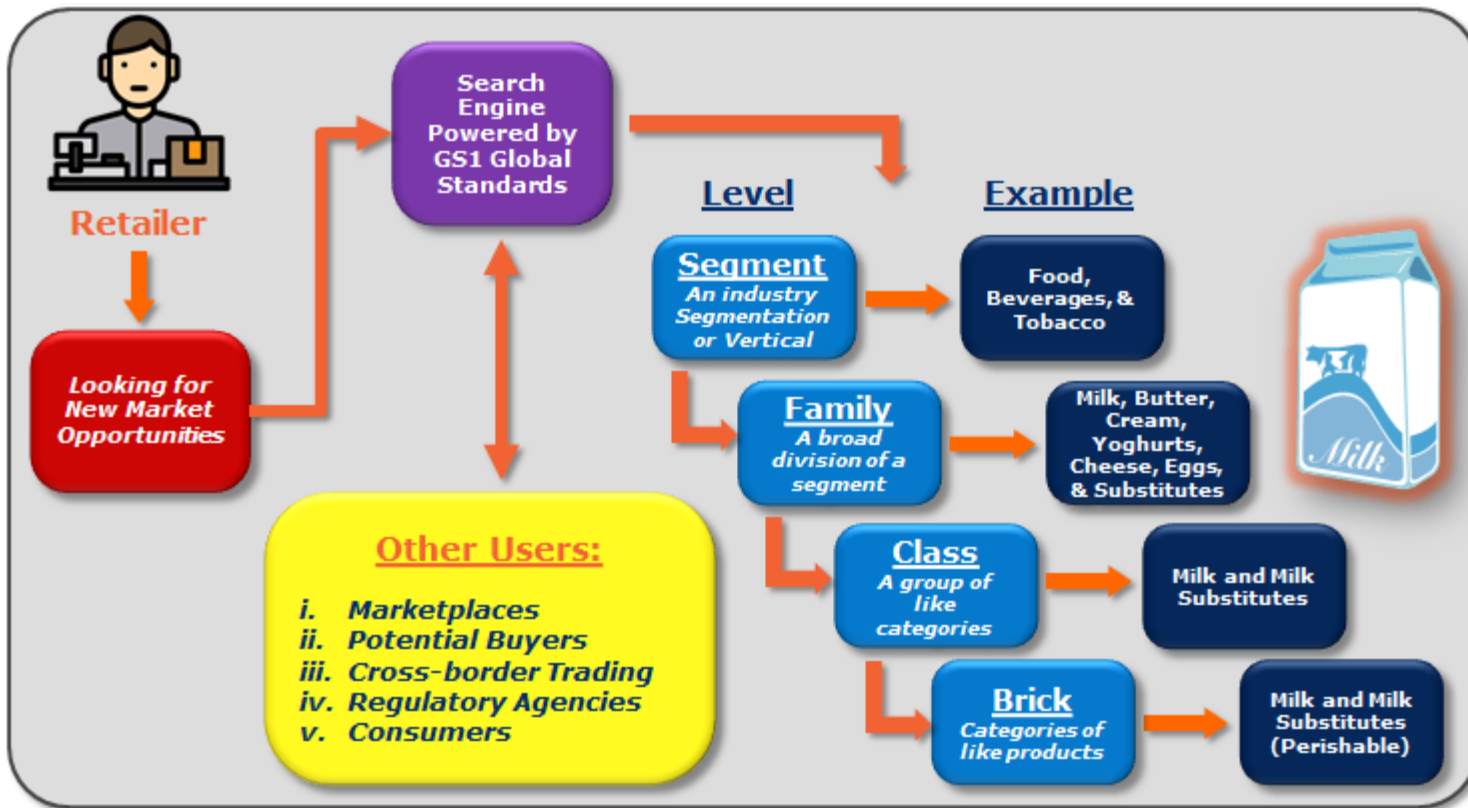
RM 100.00 per label for GS1 Subscriber

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



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!



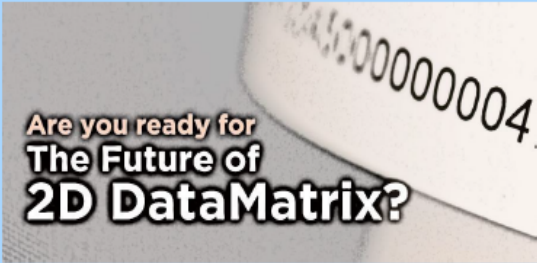

Effective Implementation of GS1 Standards & Keys

Date	Time	Highlights
Monday to Friday <i>*Subject to change</i>	3.00 PM - 4.00 PM	<ul style="list-style-type: none">• <i>Learn how to assign GS1 barcode numbers.</i>• <i>Upload your product information to our online repository for visibility & authenticity.</i>• <i>Why an active GS1 Membership is important for your Business.</i>

**JOIN US NOW
ON ZOOM!**



Migration to "Data-Rich 2D" Initiative – FREE to Attend

Date		
<p>Every WED</p> <p>9.00AM</p> <p>-</p> <p>10.00AM</p> <p><i>*Subject to change</i></p>		 <p>(01)09557046000170 (17)250630 (10)2107015 (21)2022040001</p>
<p>Key Learnings:</p> <ul style="list-style-type: none">• <i>Learn about how GS1 supports the global migration towards the 2D Data matrix for greater product visibility, traceability and authentication</i>• <i>Case studies about successful 2D barcode usage & implementation in Healthcare and Retail around the world.</i>		

Migration to
"Data-Rich 2D"
Zoom Link:
<https://us06web.zoom.us/j/82513900764>

**JOIN US NOW
VIA ZOOM!**



Verified by GS1 – Product Databank Support & Services



Verified by GS1 – Product Databank Support & Services

Date	Time	Highlights
Every Thursday of the Month <i>*Subject to change</i>	11.00 AM - 11.30 AM	<ul style="list-style-type: none">• <i>WHAT is VbG-PDSS?</i>• <i>WHY is VbG-PDSS so Important?</i>• <i>The Services & Platforms Managed by VbG-PDSS</i>

VbG-PDSS Zoom
Link:
<https://us06web.zoom.us/j/89770665451>

**JOIN US NOW
ON ZOOM!**



GS1 Industry Focus Forums



GS1 Malaysia Industry Focus Forums

TOPIC 1	TOPIC 2	TOPIC 3
<p style="text-align: center;">Supply Chain Optimisation and Regulatory Fulfilment using Global Location Number (GLN) and GS1 Services</p> <p><u>Key Learnings:</u></p> <ul style="list-style-type: none"> • Comply with <i>Retail Merchandising Requirements</i> • Fulfill <i>Global Regulatory Compliance</i> • Track & Trace using the <i>GS1 2D Datamatrix</i> 	<p style="text-align: center;">Comply with Global Unique Device Identification (UDI) Regulation & Directive of Healthcare using GS1 Standards</p> <p><u>Key Learnings:</u></p> <ul style="list-style-type: none"> • Achieve compliance with international directives and country-specific regulations on <i>medical devices and pharmaceutical products</i> • Fulfilling regulatory compliance required by <i>US FDA GUDID, EU EUDAMED, China NMPA, UAE BrandSync, and many more.</i> 	<p style="text-align: center;">The Importance of GS1 Global Location Number (GLN)</p> <p><u>Key Learnings:</u></p> <ul style="list-style-type: none"> • Comply with international directives and country-specific regulations on location and entity identification such as the <i>Russian certificate of conformity</i> for all products originating outside of EAEU and the use of GLN by <i>NPRA-MOH</i> for <i>COVID-19 vaccine</i> track and trace.

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



The Global Language of Business

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

Harvesting	Manufacturing	Shipping	Transporting	Receiving	Selling
<p>Location identification Harvesting location GLN: 9501181132911</p> <p>Case-level identification Harvesting date GLN: 9501181132911 Batch/Lot: 001111001-1 Production date: 2017-01-02</p> <p>Who: (GLN) 9504000218000 What: (GTIN) 9994000218108 (Batch/Lot) 001111001-1 (GTIN) 300 Where: (GLN) 9504000218000 (GLN extension) PL-4029 When: 2017-01-02T13:00:00+08:00 Why: Harvesting</p>	<p>Location identification Processing location GLN: 9501181132911</p> <p>Case-level identification GLN: 9501181132911 Batch/Lot: AB-123 Production date: 2017-10-02</p> <p>Who: (GLN) 9501181132907 What: (GTIN) + (Batch/Lot) + (GTIN) (Ingredient) Where: (GTIN) 0400201800000 (Batch/Lot) AB-123 (GTIN) 300 When: (GLN) 9501181132907 Why: Manufacturing</p>	<p>Location identification Outbound staging area GLN: 9501181132911-05-5</p> <p>Container SSCC: 345011815306000015 20 cases of GTIN: 9994000218108 Batch/Lot: AB-123 Expiry date: 2017-12-01</p> <p>Who: (GLN) 9504000200000 What: (GTIN) 9994000200003-01-04 (Case) Where: (GLN) 9501181132908 (GLN extension) 00-13 When: 2017-08-02T10:10:00+08:00 Why: Transporting</p>	<p>Location identification Loading area GLN: 9501181132911-08-15</p> <p>Parcel identification GLN: 95011811329080912 Parcel identifier GIAI: 95040002001-001-00</p> <p>Who: (GLN) 9504000200000 What: (GTIN) 9994000200003-01-04 (Case) Where: (GLN) 9501181132908 (GLN extension) 00-13 When: 2017-08-02T10:10:00+08:00 Why: Transporting</p>	<p>Location identification Retailer staging area GLN: 9504000218000-08-5</p> <p>Parcel identification SSCC: 345011815306000015 Cases 20 cases of GTIN: 9994000218108 Batch/Lot: AB-123 Expiry date: 2017-12-01</p> <p>Who: (GLN) 9504000218000 What: (SSCC) 345011815306000015 Where: (GLN) 9504000218000 (GLN extension) IS-3 When: 2017-08-02T13:12:00+08:00 Why: Receiving</p>	<p>Location identification Store GLN: 9504000218000</p> <p>Customer unit identification GLN: 9504000218000 Batch/Lot: AB-123 Production date: 2017-12-01</p> <p>Who: (GLN) 9504000218000 What: (GTIN) 9994000218108 (Batch/Lot) AB-123 (GTIN) 3 Where: (GLN) 9504000218000 When: 2017-08-12T13:34:00+08:00 Why: Selling</p>

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 manufacturer 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 SSCCs 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 barcodes on the products. The system automatically checks the expiry date. The GTIN and the batch/lot ID are registered. The sales are recorded.

GS1 identifications keys used:
GTIN: Global Trade Item Number
GLN: Global Location Number
SSCC: Serial Shipping Container Code
GIAI: Global Individual Asset Identifier



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The Global Language of Business

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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

+6014-3933 228

(Membership, Services & Support)

+6011-1616 8228

(Membership, Services & Support)

+6016-2455 228

(Strictly for Payment Only)

+6012-2722 646

(Strictly for Payment Only)

Official GS1 Malaysia Land Line & Fax Line

Land: +603-6286 7200

Fax: +603-6276 1042

Official GS1 Malaysia Emails

gs1malaysia@gs1my.org

membership@gs1my.org

payment@gs1my.org

gs1mymembership@googlegroups.com

Official GS1 Malaysia Website

www.gs1my.org