

GS1 DIY Self Learning Materials

Global Location Numbers (GLN)

GS1 Malaysia Berhad



Preface

- This DIY Self Learning Material will allow you to:
 - Understand **what** GLN is
 - How to **acquire** GLN
 - How to **assign** GLN
 - **Where** GLN is used
 - How to **check** your **GLN information**

What is GLN ?

GS1 Global Location Number (GLN)

Uniquely identifies any addressable **location**, **entity** or **asset** e.g.

- **companies,**
- **departments,**
- **rooms,**
- **shelves,**
- **delivery points,**
- **network addresses,**
- **forklifts,**
- **dispatch trucks**
- **and many more!**

Recorded on **GS1 Malaysia Member Product Databank**, interlinked with **GS1 Registry Platform** operations.

Examples of use:

- Used to fulfil EU green regulations
- Used to fulfil the Russia Customs decree
- Used for Vaccine Distribution traceability

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.



What can you identify with a GLN?

Plantation / Farm



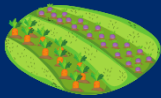
Palm Tree



Plot of Land



Rubber Tree



Entire Plantation

Heavy Industry



Factory



Mining Pit



Forklift



Oil Drill

Healthcare



Hospital



Operating Theatre



Oxygen Tank



Defibrillator Cart

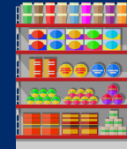
Retailer



Retail Outlet



Truck / Lorry



Individual Shelving



Labeller Unit

Other industries
Identifiable with GLN:

- Furniture Industry
- Technical Industry
- Service Industry
- Timber/Lumber Industry
- Vaccine Distribution
- Real Estate

Examples of GLN use: Entity, Digital Assets and Digital Locations

Legal Entity



Retailer XYZ
9551234570032

Functional Location



Finance Department



Quality Assurance Department



Marketing Department

Digital Assets



Digital Image



Digital Video



Digital Audio



NFTs



Security Token



Cryptocurrency

Digital Locations



GPS Coordinates



Email Address



Server IP Address



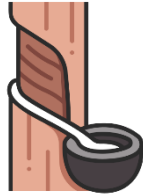
Blockchain

Examples of GLN use: Physical Locations (Fixed and Mobile)

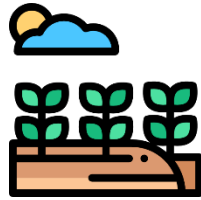
Static/Fixed Locations



Palm Tree



Rubber Tree



Plantation



Plot of land

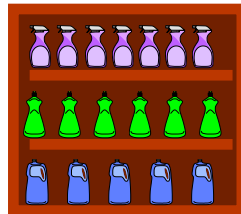
Single Outlet



Single Floor



Single Shelf Unit



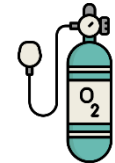
→ Single Shelf

→ Single Shelf

→ Single Shelf

Mobile Locations

* Usually has a static parking location



GLN encoded inside a GS1 Logistics Label

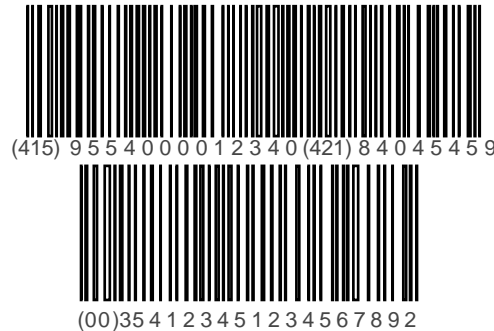
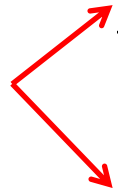
GS1 LOGISTICS LABEL

From	To
EAN International rue Royale 145 B-1000 Brussels	UNIFORM CODE COUNCIL 8136 Old Yankee Road Dayton, Ohio 45459 U.S.A

SSCC
3 5412345 123456789 2

ORIGIN	SHIP TO POST
9554000012340	84045459

Global
Location
Number
(GLN)



Encoding GS1 GLN using GS1 Application Identifiers

GS1 Application Identifiers that contain GLN:

- **410** – Ship to Location
- **411** – Bill to Location
- **412** – Purchased from Location
- **413** – Ship for / Deliver for / Forward to Location
- **414** – Location ID
- **415** – ID of Invoicing Party
- **416** – ID of production or service location

GS1 Malaysia GLN Registry

GS1 Malaysia has stepped up efforts to establish a **GLN Registry** to comply with the ongoing and ever demanding regulatory landscape requirements, so as to seamlessly interlink operations with the GS1 Registry platform for validation & authentication.

9551234567896



GLN Registry



**Federation of Malaysian Manufacturers
Wisma FMM, No. 3 Persiaran Dagang
PJU 9, Bandar Sri Damansara
52200 Kuala Lumpur
Tel : 603-62761211
Contact : Ms XYZ**

The Difference between GTIN and GLN

What is the Difference between GTIN and GLN?

Global Trade Item Number (GTIN)

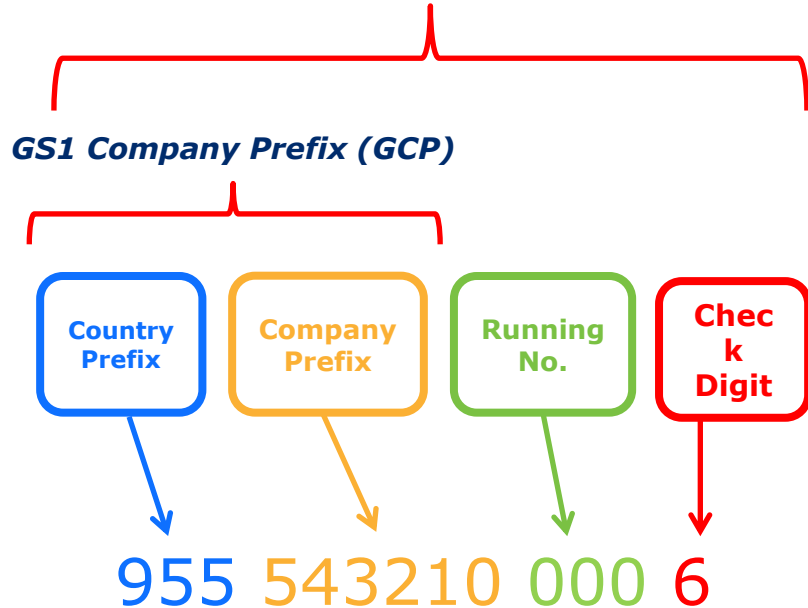
- To uniquely identify a product or trade item
- 13 or 14 digits in length
- To identify a product for track & trace
- Generated from a GS1 membership's GS1 company prefix (GCP)
- Linked to a GS1 GTIN Membership License

Global Location Number (GLN)

- To uniquely identify a legal entity, asset or location
- 13 digits in length
- To determine the origin and destination of a product for track & trace
- Standalone numbers allocated by GS1, not part of standard GS1 Membership
- Linked to a GS1 GLN Membership License

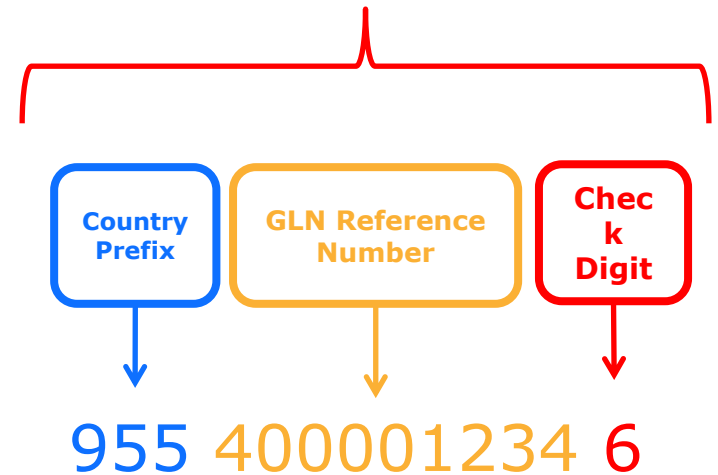
Identification Keys of GTIN vs GLN

Global Trade Item Number (GTIN)



VS

Global Location Number (GLN)



GS1 GTIN License vs GLN License

GS1 Membership

GS1 GTIN License

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)



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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 GLN License

GLN License is *Independent* from a GTIN License!

Usage of GLN

Russian Federation Customs GTIN & GLN Traceability

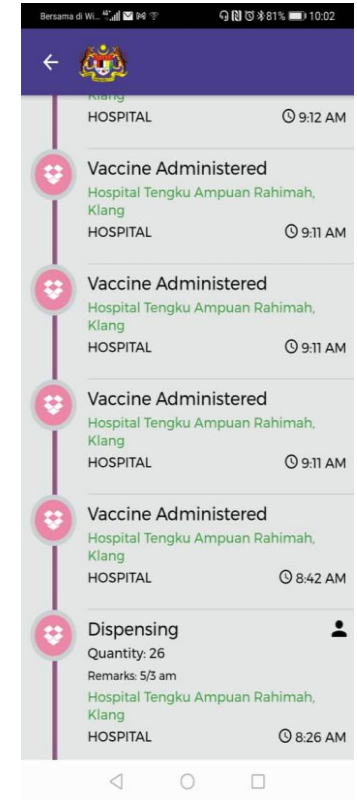


- As of **September 1st 2021** GLN and GTIN numbers must be present for goods imported into Russia from outside of **Eurasian Economic Union (EAEU)**.
- GS1 recognised as international organisation and only entity authorised to issue GTINs and GLNs.
- Specifies the procedure for the creation and maintenance of a unified register of conformity certificates.
- Decree requires strict consistency between GLN information (manufacturer name and location) with the exporter information on the Certificate of Origin.
- Categories of goods that need to include GTIN & GLN still expanding.

GLN used in NPRA-MoH Pharmaceutical Track & Trace & COVID Vaccine Distribution

The **National Pharmaceutical Regulatory Agency, Ministry of Health Malaysia**, is using GS1 Standards and Keys in the tracking and tracing of **COVID-19 vaccine distribution in Malaysia**. The Global Location Number is used prominently to identify origin and distribution locations.

Drug-Code	Name	Short-Nam	Manufacturer	Vaccine Type
05000456068253	COVID-19 Vaccine AstraZeneca Solution for Injection (TH)	AstraZeneca	Siam Bioscience Co., Ltd.	COVID-19 vaccine, non-replicating viral vector
05000456063876	COVID-19 Vaccine AstraZeneca Solution for Injection (GB)	AstraZeneca	AstraZeneca AB, SE-151 85 Sodertalje Sweden	COVID-19 vaccine, non-replicating viral vector
05000456066129	COVID-19 Vaccine AstraZeneca Solution for Injection (KR)	AstraZeneca	SK Bioscience Co., Ltd.	COVID-19 vaccine, non-replicating viral vector
	COVID-19 Vaccine AstraZeneca Solution for Injection (JP)	AstraZeneca	Daiichi Sankyo Biotech Co., Ltd., Japan	COVID-19 vaccine, non-replicating viral vector

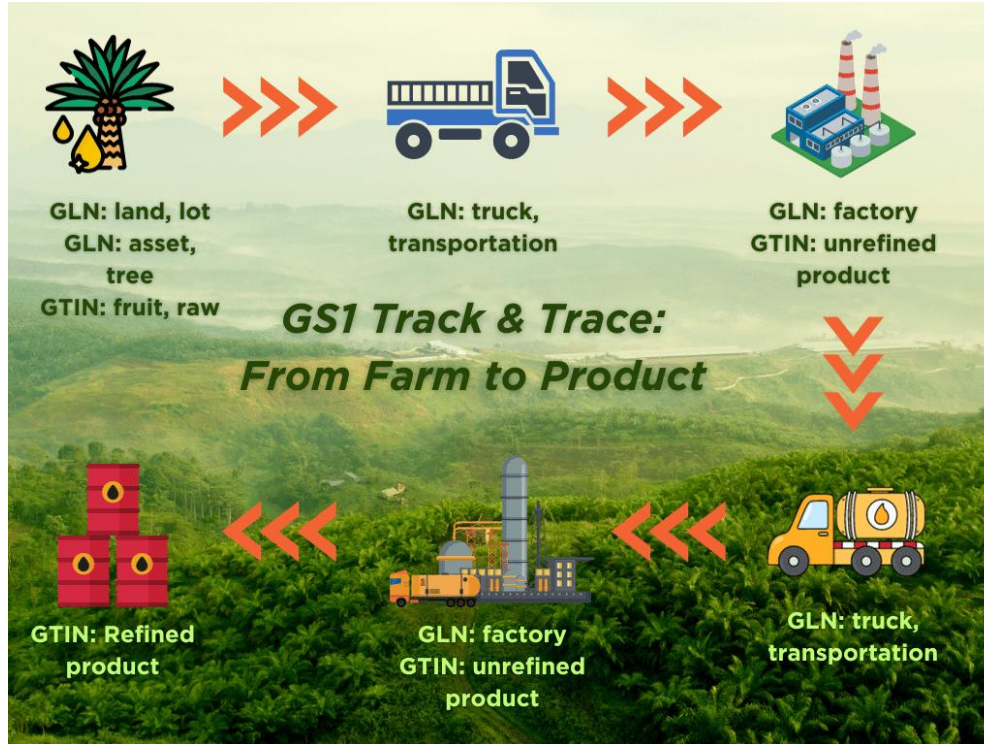


Healthcare Track & Trace with GLN

Leading healthcare manufacturers & retailers in Malaysia are using the Global Location Number to identify their locations:

- i) Pharmaniaga
- ii) Duopharma Biotech
- iii) Johnson & Johnson
- iv) AEON
- v) Caring Pharmacy
- vi) *And Many More!*

GS1 Malaysia GLN Registry



GS1 Malaysia GLN Registry

Information to be captured in GLN Registry for upstream asset and location identification:

- Landowner Name and Details
- State / *Negeri*
- District / *Daerah*
- City/Town/Township / *Bandar/Pekan/Mukim*
- Size / *Saiz*
- Title Type / *Jenis Hakmilik*
- Title No. / *No. Hakmilik*
- Lot No. / *No. Lot*
- Accessory No. / *Petak Aksesori*
- Land Use (e.g., **agriculture, building** or **industry**)
- Status (e.g., **freehold, leasehold**)
- Tenure (e.g., **30, 60, 99** or **999 years**)

GS1 Global GLN Registry

GS1 Global has taken the holistic approach to address the need for an accurate, complete and globally interoperable information about parties and locations by setting up a **GS1 Global GLN Registry**.

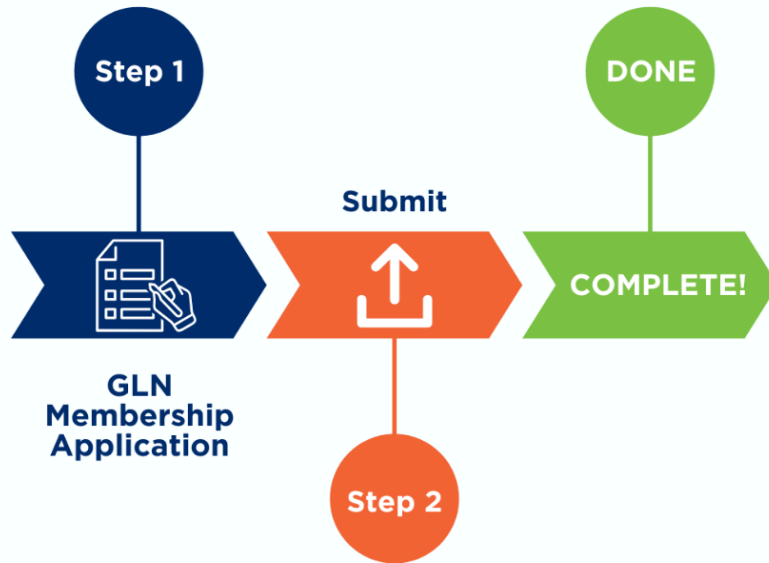
Being able to openly share details about “**what**”, coupled with “**who**” and “**where**” greatly increases the usefulness of the information in any transaction, especially in the following areas:

- Inventory Management
- Traceability
- Regulatory Compliance
- Trading Partner Identification
- Recall Readiness
- Product Authenticity
- Transport Service Efficiency
- Ethical Sourcing

GLN Application

How to Apply for GLN

How to Apply Authorised GLN License with GS1 Malaysia



Step 1: GLN Membership Application

- Fill in the GLN license registration web form:

<https://www.gs1my.com/member/r1/node/20>

- Prepare supporting documents:

- a. Company Registration Documents
- b. Proof of Payment

Step 2: Submit Your GLN Application with supporting documents

Your GS1 GLN e-approval letter and license will be issued to the registered email(s) **within 5 working days** upon receipt of all documents and payment.

 www.gs1my.org

How to Apply for GLN

Checklist:

- For **Private Limited/Sdn Bhd, Limited/Berhad, Corporation/Koperasi & Government Department:**
 - Form 9 **OR** Section 14 / Super Form **OR** Section 17 (*Certificate of Incorporation*)
 - Latest Annual Returns **OR** Form 24 **OR** Section 68 **OR** Section 78 **OR** Super Form
- For **Sole-proprietorship** or **Partnership:**
 - Business Registration Form (*Form D and 2 additional pages on ownership information*)

How to Apply for GLN

Submit the following con't:

- Payment proof for the GLN subscription that consists of the following:
 - pro-rated subscription fee for the current year (refer to the GLN guide on our website: <https://gs1my.org/?q=node/81#GLN>)
 - Payment of an additional 2-year subscription fees in advance.
 - **Security Deposit** equivalent to 1 and a half years annual fee (1.5), held in trust and is refundable upon resignation of membership.

Want to learn more?

Attend GS1 Malaysia's
**Capacity Building & Implementation
Program**
to find out more!

Fulfilling Market & Regulatory Guidelines Using GS1 Standards (FOC)



Fulfilling Market & Regulatory Guidelines Using GS1 Standards

Date	Time	Highlights
Every Monday and Wednesday <small>* GS1 Malaysia reserves the right to merge sessions based on minimum attendance.</small>	3.00 PM - 4.00 PM	<ul style="list-style-type: none">• Find out why GS1 is widely recognised and accepted, from the global, country-specific, and local perspectives.• Understand why a GS1 Membership is important for the validation of your Business, Brand, Product & Services to fulfil global & local regulations, realise marketplace requirements and improve Customer Buying Experience.

JOIN US NOW ON ZOOM!



Fulfilling Market & Regulatory Guidelines
Zoom Link:
<https://us06web.zoom.us/j/89614519211>

GS1 Malaysia 2D Repository Platform (FOC)



GS1 Malaysia 2D Repository Platform

Date	Time	Highlights
Every Tuesday <i>*Subject to change</i>	3.00 PM - 4.00 PM	<ul style="list-style-type: none">• <i>Experience how track & trace with GS1 2D Datamatrix works through the GS1 Malaysia 2D Repository Platform.</i>• <i>The 2D Repository Platform is designed as a trusted intermediary repository to support and complement the future National Pharmaceutical Track & Trace system.</i>

**JOIN US NOW
ON ZOOM!**



Find out how to make your product data more powerful by using our platform to share key details like expiry dates and batch numbers—improving traceability, and efficiency.

Zoom Link:

<https://us06web.zoom.us/j/82513900764>

Who shouldn't miss this?
Supply chain, operations, and marketing teams

The Importance of GS1 2D Standards Support & Services to Fulfil Sustainability & Circularity Initiatives (FOC)



The Importance of GS1 2D Standards, Support & Services to Fulfil Global Circularity & Sustainability Initiatives

Date	Time	Highlights
Every Thursday <i>*Subject to change</i>	11.00 AM - 11.45 AM	<ul style="list-style-type: none"> • <i>WHAT is VbG-PDSS?</i> • <i>What is the role of 2D?</i> • <i>HOW can VbG-PDSS and 2D Implementation Fulfil Circularity and Sustainability Initiatives such as UN SDG, EU CEAP, EU ESPR, EUDR, EU DPP, etc.?</i>

JOIN US NOW ON ZOOM!



See how the latest 2D barcodes can do more than just scan – they can carry rich product and environmental data to support traceability, and green claims.

Zoom Link:

<https://us06web.zoom.us/j/89770665451>

Who shouldn't miss this?

Product managers, brand owners, sustainability officer, regulation officer

How GS1 Global Location Numbers (GLN) Enable Compliance to Green Regulations (FOC)



How GS1 Global Location Numbers (GLN) Enable Compliance to Green Regulations

Date	Time	Highlights
Every Friday	11.00 AM - 11.45 AM	<ul style="list-style-type: none">Learn how GLN allows you to comply with international regulations and directives such as EUDR, ESPR, CEAP, Digital Product Passport (DPP), CBAM, <u>HonestMark</u> etc. to fulfil Sustainability and Circularity.Learn how upstream producers (e.g. ranches, plantations, etc.) use GLN to track and monitor their plots of land, individual trees, plants, and animals.

* GS1 Malaysia reserves the right to merge sessions based on minimum attendance.

**JOIN US NOW
ON ZOOM!**



Learn how to clearly identify your company's locations—from factories to warehouses—to support responsible sourcing and environmental compliance.


Zoom Link:

<https://us06web.zoom.us/j/86884634932>

Who shouldn't miss this?

Factory managers, procurement, logistics and sustainability officers

GS1 Industry Focus Forums

GS1 MALAYSIA PREMIUM TRAINING SCHEDULE		
	Topic	Date & Time
<p>GS1 Standards & Keys, Services & Platforms</p> <ul style="list-style-type: none"> • Session slots must be confirmed 3 days in advance • Booking achieved by making payment of the training fees 	Industry Focus Forums (Chargeable)	
	Topic 1	Topic 2
	Supply Chain Optimisation and Regulatory Fulfilment using Global Location Number (GLN) and GS1 Services	Meeting Global Healthcare and UDI Guidelines using GS1 Standards
	<ul style="list-style-type: none"> • Comply with Retail Merchandising Principles • Fulfil Global Regulatory Compliance • Track & Trace using GS1 Traceability guidelines and 2D Datamatrix. 	<ul style="list-style-type: none"> • Achieve compliance with international and country-specific directives on Healthcare Products, such as US FDA GUIDID, EU EUDAMED, China NMPA, UAE BrandSync, etc.
	In-House Training and Business Consultation (Chargeable)	
	<ul style="list-style-type: none"> • Training is tailored to company's requirements • Can be conducted at company's premises of choice or via Zoom • Full day session includes quiz activity • Training Fees is dependent on number of attendees • Travelling charges will be incorporated into the training fees 	Half day or Full day, by appointment only 

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

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:



Curated to answer your enquiries!

GS1 DIY Self-Learning Materials!

Access the guide here:
<https://gs1my.org/?q=gs1-malaysia-diy-self-learning-materials>

OR

Scan to View



Topic 1 - GS1 DIY Self-Learning - Overview of GS1 & Step By Step I...
Adobe Acrobat Document

Topic 2 - GS1 DIY Self-Learning - How to Generate & Assign Barco...
Adobe Acrobat Document

Topic 3 - GS1 DIY Self-Learning - How to Submit Product Listing
Adobe Acrobat Document

Topic 4 - GS1 DIY Self-Learning - What is Global Location Number ...
Adobe Acrobat Document

Topic 5 - GS1 DIY Self-Learning - GS1 Standards & Keys for Logistic...
Adobe Acrobat Document

Topic 6 - GS1 DIY Self-Learning - Unique Device Identification (UDI)
Adobe Acrobat Document

Topic 7 - GS1 DIY Self-Learning - Platforms & Services offered by G...
Adobe Acrobat Document

Topic 8 - GS1 DIY Self-Learning - GS1 Barcode Specifications
Adobe Acrobat Document

Topic 9 - GS1 DIY Self-Learning - Unauthorised Barcode Numbers - ...
Adobe Acrobat Document

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

Land: +603-6286 7200

Official GS1 Malaysia Emails

gs1malaysia@gs1my.org

membership@gs1my.org

payment@gs1my.org

databank@gs1my.org

Official GS1 Malaysia Website

www.gs1my.org