# 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 Malaysia

# 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 Membership Directory (GEPIR)** and **GS1 Malaysia Member Product Databank**, interlinked with **GS1 Registry Platform** operations.

Examples of use:
- 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)

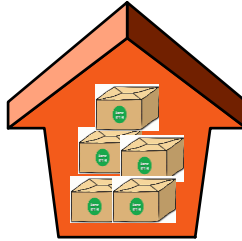This is a computer generated certificate. No signature is required.

*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.*

**SCAN HERE FOR LOCATION**

(414)5055208423736

SCAN4SAFETY NHS

GS1 Malaysia

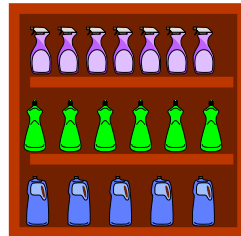# Identifying Locations with the Global Location Number (GLN)



GLN of Retailer XYZ
**9551234570018**

**GLN of Warehouse A**
for Retailer XYZ
**9551234570032**

**GLN of Retail Section**
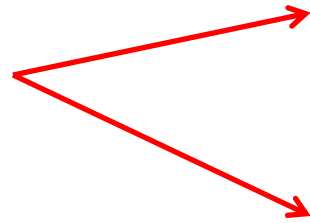for Retailer XYZ
**9551234570056**

955610700001C

955610700004C

955610700005C

**GLN of Shop Floor, Row B** for Retailer XYZ
**9551234570049**

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# GLN in a GS1 Logistics Label



Global Location Number (GLN)

**GS1 LOGISTICS LABEL**

From

EAN International
rue Royale 145
B-1000 Brussels

To

UNIFORM CODE COUNCIL
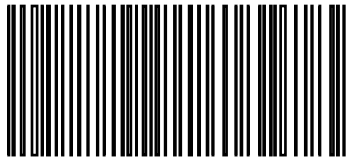8136 Old Yankee Road
Dayton, Ohio 45459
U.S.A

**SSCC**

3 5412345 123456789 2

**ORIGIN**

9554000012340

**SHIP TO POST**

840 45459

(415) 9 5 5 4 0 0 0 0 1 2 3 4 0 (421) 8 4 0 4 5 4 5 9

(00)35 4 1 2 3 4 5 1 2 3 4 5 6 7 8 9 2

# 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 Global Language of Business

# The Difference between GTIN and GLN

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# What is the Difference between GTIN and GLN?

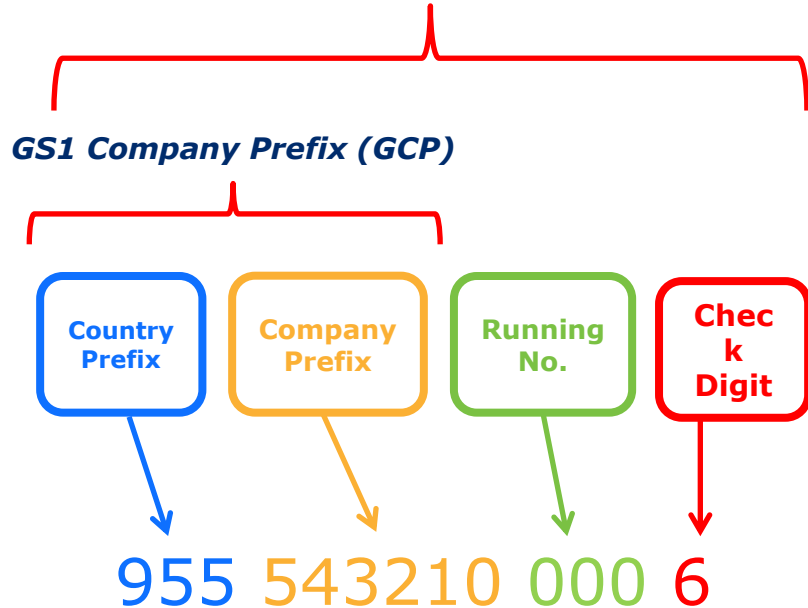## Global Trade Item Number (GTIN)

- 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 Standard or Small Block Membership

## 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 number allocated by GS1, not part of standard GS1 Membership
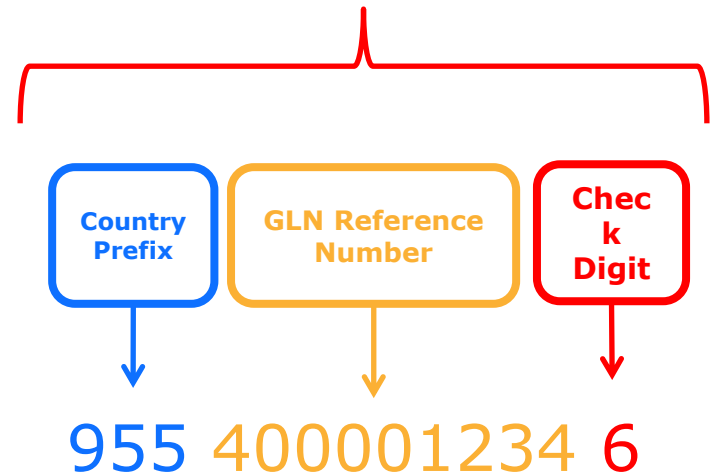- Linked to a GS1 GLN License Service

GS1 Malaysia

# Identification Keys of GTIN vs GLN

**Global Trade Item Number (GTIN)**

*GS1 Company Prefix (GCP)*

| Country Prefix | Company Prefix | Running No. | Check Digit |
|:---:|:---:|:---:|:---:|
| 955 | 543210 | 000 | 6 |

**VS**

**Global Location Number (GLN)**

| Country Prefix | GLN Reference Number | Check Digit |
|:---:|:---:|:---:|
| 955 | 400001234 | 6 |

# GS1 Membership License vs GLN License

**GS1 Membership**

**GS1 Membership License**

**GS1 Member Product License**

**GS1 GLN 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 XXXXX

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 MALAYSIA MEMBER PRODUCT LICENSE

**Membership License Validity:**

**April 2019 to June 2020**

This is to certify that **ABC Sdn Bhd (example)** is a licensed subscriber member of GS1 Malaysia Berhad as of **19/04/2019**, with the allocation of GS1 Company Prefix (GCP), **955 555555 (example)** to form the Global Trade Item Number (GTIN) for the following products:

| No. | GTINs | Product Name | Brand | Packing Size (SKUs) |
|-----|-------|--------------|-------|---------------------|
| 1 | 9555555555555 | ABC | MON | 20Liter |
| 2 | 9555555555556 | DEF | TUES | 5kg |
| 3 | 9555555555557 | 123 | WED | 2kg |

## 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.*

## *GLN License Service is an Independent Administration from a standard GS1 Membership*

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# Usage of GLN

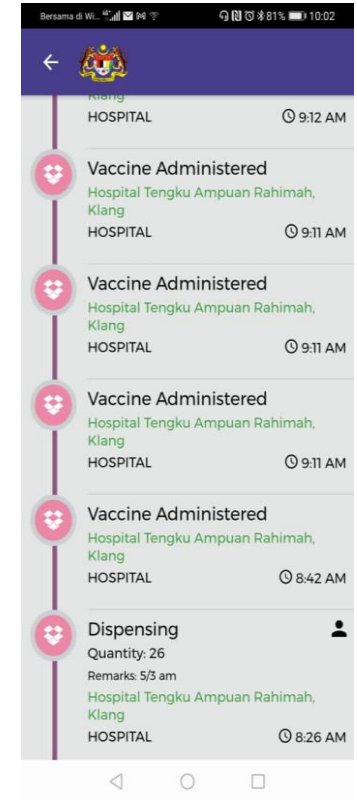# Russian Federation Customs
# GTIN & GLN Traceability

- 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-Name | 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!*

# GLN Application

# How to Apply for GLN

**Submit together with the GLN Application Form**
(https://www.gs1my.org/sites/default/files/GS1_GLN_License_Service_Application_Form.pdf):

- 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.

# Example of the GLN Application Form



**GLOBAL LOCATION NUMBER (GLN) LICENSE SERVICE APPLICATION FORM**

GS1 Malaysia Berhad (1201396-K)
Wisma FMM, No. 3 Persiaran Dagang, Bandar Sri Damansara, 52200 Kuala Lumpur
Tel: 03-62867200  Fax: 03-62761042  WhatsApp & WeChat: +6011-1616 8228, +6014-393 3228
Email: gs1malaysia@gs1my.org  Website: www.gs1my.org
*Please fill in the form in CAPITAL letters*

**Company Name**

**Registration No.**

**Nature of Constitution** *(Please tick)*:
- Sole-Proprietor / Partnership
- Private Limited Company (Sdn Bhd)
- Government / Statutory Body
- Others *(Please specify)* _____

**Date of Formation**

**Name(s) of Sole-Proprietor Partners/Directors**
1.
2.
3.
4.
5.
*(Please attach separate sheet if space is insufficient)*

**Issued Capital (RM)**

**Nature of Business** *(Please tick. If there is more than one business line, please indicate with 1, 2, 3, etc., with No.1 being the main activity.)*
- Manufacturer
- Wholesaler/Distributor
- Retailer *(Type of products retailed)*_____
- IT Services
- Logistics Services
- Others *(Please specify)*_____

**Industry**  *I.e. Healthcare, Retail, etc.*

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*Based on the above nature of business, please fill in either Section A or/and Section B*

**Section A:** Manufacturer/Wholesaler/Distributor

**Products Manufactured/Traded** *(Please provide details)*

**Brand Names**
| 1 | 4 |
| 2 | 5 |
| 3 | 6 |
*(Please attach separate sheet if space is insufficient)*

**Export Markets**  *e.g. Singapore, Indonesia, Thailand, Australia*

**Section B:** IT/Logistics and other Services Provider

**Type of services provided** *(Please provide details)*

**Contact Personnel in Your Company**

| Title | Name | Designation | Telephone | Email |
|---|---|---|---|---|
| CEO | | | | |
| Key Contact Person *(for GLNs)* | | | | |
| For Logistics | | | | |
| For Operations | | | | |
| For IT/E-Commerce | | | | |
| For Billing *(Accounts)* | | | | |

**Invoice directed to which Department in future?**

**Office Address**

Postcode

| Telephone | | Fax | |
|---|---|---|---|
| Email | | Website | |

**Global Location Numbers can be allocated to the following items:**

| GLN Type | Examples | GLN Type | Examples |
|---|---|---|---|
| Addressable Location | Head Office, Branch, Factory | Legal Entity | ABC Sdn Bhd, BCD Limited |
| Functional Location | Accounts Department, Marketing, Operations, Pantry | Movable Asset | Forklift, Logistic Truck |
| Network Location | Main server, 192.168.0.1, Backup server | Portable Asset | Defibrillator, Oxygen Tank, Air sensor |
| Area | Production floor, Packaging Area, Delivery Area | Intellectual Property | Trademark, Copyright, Contract, Logo, Slogan |
| Section | Dangerous goods section, storage section, processing section | Person | Doctor Brown, Patient 001, Nurse Joy, Pharmacist Alan |

# 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!

**GS1 Malaysia**

## Effective Implementation of GS1 Standards & Keys

| Date | Time | Highlights |
|---|---|---|
| **Monday to Friday** *Subject to change* | **3.00 PM - 4.00 PM** | • *Learn how to assign GS1 barcode numbers.*<br>• *Upload your product information to our online repository for visibility & authenticity.*<br>• *Why an active GS1 Membership is important for your Business.* |

**JOIN US NOW ON ZOOM!**

# Migration to "Data-Rich 2D" Initiative (FOC)



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

# Verified by GS1 – Product Databank Support & Services

## Verified by GS1 – Product Databank Support & Services

| Date | Time | Highlights |
|------|------|-----------|
| **Every Thursday of the Month**<br><br>*Subject to change* | **11.00 AM - 11.30 AM** | • *WHAT is VbG-PDSS?*<br>• *WHY is VbG-PDSS so Important?*<br>• *The Services & Platforms Managed by VbG-PDSS* |

**JOIN US NOW ON ZOOM!**

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

# GS1 Industry Focus Forums

## GS1 Malaysia Industry Focus Forums

| TOPIC 1 | TOPIC 2 | TOPIC 3 |
|---|---|---|
| **Supply Chain Optimisation and Regulatory Fulfilment using Global Location Number (GLN) and GS1 Services** | **Comply with Global Unique Device Identification (UDI) Regulation & Directive of Healthcare using GS1 Standards** | **The Importance of GS1 Global Location Number (GLN)** |
| **Key Learnings:** <br>• Comply with **Retail Merchandising Requirements** <br>• Fulfill **Global Regulatory Compliance** <br>• **Track & Trace** using the **GS1 2D Datamatrix** | **Key Learnings:** <br>• Achieve compliance with international directives and country-specific regulations on **medical devices** and **pharmaceutical products** <br>• Fulfilling regulatory compliance required by **US FDA GUDID, EU EUDAMED, China NMPA, UAE BrandSync**, and many more. | **Key Learnings:** <br>• 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. |

*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:

# 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

GS1 Malaysia