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 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
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

GLN of Shop Floor, Row B for Retailer XYZ
9551234570049

955610700001C
955610700004C
955610700005C
GLN in a GS1 Logistics Label

Global Location Number (GLN)
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.
The Difference between GTIN and GLN
What is the Difference between GTIN and GLN?

<table>
<thead>
<tr>
<th><strong>Global Trade Item Number (GTIN)</strong></th>
<th><strong>Global Location Number (GLN)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>To uniquely identify a product or trade item</td>
<td>To uniquely identify a legal entity, asset or location</td>
</tr>
<tr>
<td>13 or 14 digits in length</td>
<td>13 digits in length</td>
</tr>
<tr>
<td>To identify a product for track &amp; trace</td>
<td>To determine the origin and destination of a product for track &amp; trace</td>
</tr>
<tr>
<td>Generated from a GS1 membership’s GS1 company prefix (GCP)</td>
<td>Standalone number allocated by GS1, not part of standard GS1 Membership</td>
</tr>
<tr>
<td>Linked to a GS1 Standard or Small Block Membership</td>
<td>Linked to a GS1 GLN License Service</td>
</tr>
</tbody>
</table>
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

Global Location Number (GLN)

- Country Prefix
- GLN Reference Number
- Check Digit

  955 400001234 6
GS1 Membership License vs 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 XXXXXX

GS1 Member Product License

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

GLN License Service is an Independent Administration from a standard GS1 Membership
Usage of GLN
Russian Federation Customs
GTIN & GLN Traceability

• As of **September 1\textsuperscript{st} 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.
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.

<table>
<thead>
<tr>
<th>Drug Code</th>
<th>Name</th>
<th>Manufacturer</th>
<th>Vaccine Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>03000456068253</td>
<td>COVID-19 Vaccine AstraZeneca Solution for Injection (TH)</td>
<td>AstraZeneca</td>
<td>COVID-19 vaccine, non-replicating viral vector</td>
</tr>
<tr>
<td>050004560683876</td>
<td>COVID-19 Vaccine AstraZeneca Solution for Injection (GB)</td>
<td>AstraZeneca</td>
<td>COVID-19 vaccine, non-replicating viral vector</td>
</tr>
</tbody>
</table>
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

**Company Name:**

**Registration No.:**

**Nature of constitution (Please select):**
- Sole Proprietor/Partnership
- Private Limited Company (Sdn Bhd)
- Government / Statutory Body
- Other (please specify)

**Date of Incorporation:**

**name(s) of Sole-proprietor/Partners/Directors:**

1. [Name]
2. [Name]
3. [Name]
4. [Name]
5. [Name]

**Incorporated Capital (RM):**

**Nature of Business (Please select one):**
- Manufacturer
- Wholesaler/Distributor
- Retailer
- Other (please specify)

### Contact Personnel in Your Company

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Designation</th>
<th>Telephone</th>
<th>Email</th>
</tr>
</thead>
</table>

### Global Location Numbers can be attributed to the following Items:

<table>
<thead>
<tr>
<th>GLN Type</th>
<th>Examples</th>
<th>GLN Type</th>
<th>Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Office, Pharmacy</td>
<td>Legal Entity</td>
<td>NAM, Local Business</td>
</tr>
<tr>
<td>Function</td>
<td>Accounting, Administration</td>
<td>Mobile Device</td>
<td>Mobile, Laptop, Tablet</td>
</tr>
<tr>
<td>Network</td>
<td>IP, Domain, DNS</td>
<td>Portable Asset</td>
<td>Laptop, Tablet, Mobile</td>
</tr>
<tr>
<td>Sector</td>
<td>Healthcare, Retail</td>
<td>Intellectual Property</td>
<td>Trademark, Copyright</td>
</tr>
</tbody>
</table>

The Global Language of Business © GS1 Malaysia Berhad 2021
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>
</table>
| Monday to Friday *Subject to change* | 3.00 PM - 4.00 PM | • Learn how to assign GS1 barcode numbers.  
• Upload your product information to our online repository for visibility & authenticity.  
• Why an active GS1 Membership is important for your Business.  

**JOIN US NOW ON ZOOM!**
**Migration to “Data-Rich 2D” Initiative (FOC)**

<table>
<thead>
<tr>
<th>Date</th>
<th>Key Learnings:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Every WED</td>
<td>• Learn about how GS1 supports the <strong>global migration towards the 2D Data matrix</strong> for greater <strong>product visibility, traceability and authentication</strong></td>
</tr>
<tr>
<td>9.00AM - 10.00AM</td>
<td>• <strong>Case studies</strong> about successful 2D barcode usage &amp; implementation in Healthcare and Retail around the world.</td>
</tr>
</tbody>
</table>

*Subject to change*

**Migration to “Data-Rich 2D” Zoom Link:** [https://us06web.zoom.us/j/8251390076](https://us06web.zoom.us/j/8251390076)
## Verified by GS1 – Product Databank Support & Services

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

**VbG-PDSS Zoom Link:**  
[https://us06web.zoom.us/j/8977066545](https://us06web.zoom.us/j/8977066545)
## 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><strong>Supply Chain Optimisation and Regulatory Fulfilment using Global Location Number (GLN) and GS1 Services</strong>&lt;br&gt;<strong>Key Learnings:</strong>&lt;br&gt;- Comply with Retail Merchandising Requirements&lt;br&gt;- Fulfil Global Regulatory Compliance&lt;br&gt;- Track &amp; Trace using the GS1 2D Datamatrix</td>
<td><strong>Comply with Global Unique Device Identification (UDI) Regulation &amp; Directive of Healthcare using GS1 Standards</strong>&lt;br&gt;<strong>Key Learnings:</strong>&lt;br&gt;- Achieve compliance with international directives and country-specific regulations on medical devices and pharmaceutical products&lt;br&gt;- Fulfilling regulatory compliance required by US FDA GUDID, EU EUDAMED, China NMPA, UAE BrandSync, and many more.</td>
<td><strong>The Importance of GS1 Global Location Number (GLN)</strong>&lt;br&gt;<strong>Key Learnings:</strong>&lt;br&gt;- 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>
</tbody>
</table>

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

*Chargeable:<br>1-5 people – RM 500<br>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 Email Addresses

- **gs1malaysia@gs1my.org**
- **membership@gs1my.org**
- **payment@gs1my.org**
- **gs1mymembership@googlegroups.com**

### Official GS1 Malaysia Land Line & Fax Line

- **Land:** +603-6286 7200
- **Fax:** +603-6276 1042

### Official GS1 Malaysia Website

www.gs1my.org