Beware of UNAUTHORISED numbering

Unauthorised barcode number sellers undermine the integrity of the GS1 system, create confusion in the market and disrupt the functioning of supply chains in Singapore and overseas.

Be aware that when you obtain your GS1 barcode numbers from an unauthorised source, you will incur massive unnecessary expenses on relabelling and repackaging of your products, when your products are rejected by your retailers due to unauthentic barcode numbers.

You will also run into the risk that the unauthorised barcode numbers provided to you are not unique against other numbers directly allocated by a GS1 organisation, which can have significant consequences within the supply chain, particularly in labelling and track and trace.

Authorised GS1 Barcode Integrity

GS1 system is used by both manufacturers and retailers all over the world with the GS1 barcodes recording over 5 billion scans per day on a global scale. You can trust that GS1 barcode numbers issued by an authorised GS1 member organisation are unique, accurate, and based on current global standards.

In Singapore, GS1 Singapore has the sole mandate to administer the GS1 system and is the only authorised source for GS1 barcode numbers and standards.

GS1 barcode numbers that are allocated to companies by GS1 Singapore begin with the prefix "888" and only GS1 Singapore is authorised to provide GS1 barcode numbers with this prefix.

Why use GS1 Standards?

GS1 Standards create a common foundation for business by uniquely identifying, accurately capturing and automatically sharing vital information about products, locations, assets and more.

Businesses can also combine different GS1 Standards to streamline business processes.

Identify

GS1 Standards for Identification

Company & Location
- Global Location Number (GLN)

Product
- Global Trade Item Number (GTIN)
- Serialised Global Trade Item Number (SGTIN)

Logistics & Shipping
- Serial Shipping Container Code (SSCC)
- Global Shipment Identification Number (GSIN)
- Global Identification Number for Consignment (GINC)

Assets
- Global Individual Asset Identifier (GIAI)
- Global Returnable Asset Identifier (GRAI)

Services & More
- Global Service Relation Number (GSRN)
- Global Document Type Identifier (GDTI)
- Global Coupon Number (GCN)

Capture

GS1 Standards for Barcodes & EPC/RFID

GS1 Barcodes

EAN/UPC — 9 501101 021037

GS1-128 — (00) 3 9501100 000001001 9

ITF-14 — 09501101021037

GS1 DataBar — (01) 0 9501101 021037

GS1 DataMatrix   GS1 QR Code   GS1 Composite Barcode

GS1 EPC/RFID

Electronic Product Code (EPC) RFID

EPC HF Gen 2   EPC UHF Gen 2

Share

GS1 Standards for Data Exchange

Master Data
- Global Data Synchronisation Network (GDSN)

Transactional Data
- Electronic Data Interchange (EDI): EANCOM, GS1 XML

Event Data
- EPC Information Services (EPCIS)

Identify	Capture	Share
GS1 identification standards include standards that define unique identification codes (called GS1 identification keys) which may be used by an information system to refer unambiguously to a real-world entity	GS1 data capture standards currently include definitions of barcode and radio-frequency identification (RFID) data carriers which allow GS1 Identification Keys and supplementary data to be affixed directly to a physical object, and standards that specify consistent interfaces to readers, printers, and other hardware and software components that connect the data carriers to business applications.	GS1 standards for information sharing include data standards for master data, business transaction data, and physical event data, as well as communication standards for sharing this data between applications and trading partners. Other information sharing standards include discovery standards that help locate where relevant data resides across a supply chain and trust standards that help establish the conditions for sharing data with adequate security.

For more information, check out **www.gs1.org.sg**. To find out more about GS1 Standards or for any further enquiries, please contact GS1 Singapore at **68263077** or email us at **contact@gs1.org.sg**.