

## What is a GLN (Global Location Number)?

The GLN is designed to improve the efficiency of communication with trading partners and add value to the trading partners involved, as well as to consumers.

GLNs can be used to identify:

- Physical locations – a single point of access with a physical address, such as a particular room in a building, warehouse, warehouse gate, loading dock, delivery point, production location, etc.
- Legal entity – the legal organisation that is subscribed to the GS1 System, such as whole companies or subsidiaries, Each location is allocated a unique identification number.

GLNs are reference keys for retrieving information from databases such as:

- Delivery Point / Address;
- Type of location (manufacturing centre, warehouse, headquarters);
- Bank account information;
- The information provider (e.g., in a Data Synchronisation Network)

### What is the structure of the GLN (Global Location Number) and GGN?

The GLN has a 13-digit numeric data structure and is composed of:

- GS1 Company Prefix – assigned by the GS1 Member Organisation
- Location Reference – allocated by the company to a specific location
- Check Digit –calculated according to the standard algorithm

The GLN is constructed as follows:

7-digit Company Prefix

Company Prefix							Locaction Reference					Check	
N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	N13	
8	7	1	2	3	4	5	0	0	0	0	1	1	GLN
4	0	4	1	2	3	4	0	0	0	0	1	1	GGN

9-digit Company Prefix

Company Prefix							Locaction Reference					Check	
N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	N13	
8	7	1	2	3	4	5	6	7	0	0	1	6	GLN
4	0	4	1	2	3	4	5	6	0	0	1	0	GGN

12-digit GLN

GS1 Prefix			Locaction Reference									Check	
N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	N13	
8	7	1	2	3	4	5	6	7	8	9	0	6	GLN
4	0	4	1	2	3	4	5	6	7	8	9	7	GGN

## What is a GGN\* (Global GAP Number)?

The GGN is designed to improve the efficiency of communication with trading partners in the agricultural sector; it is based on the GLN structure of GS1.

GGN can be used to identify growers:

- Production locations (sub GLN) – producer or producer group, (one or more) green house(s) or field(s), sections of a green house or a field, packaging station(s), etc.
- Legal entity (GLN) – the legal organisation of the producer or producer group.

GLN and sub GLN belongs to the same legal entity and is assigned by the local GS1 organization to the producer or producer group

The management of the GS1 System is carried out locally by GS1 Member Organisations established in over 100 countries. GS1 Member Organisations use their assigned prefix to allocate GS1 Company Prefixes to their member companies to enable them to create GS1 Identification Keys.

e.g.

**400 – 440: GS1 Germany**

000 – 019; 030 – 039; 060 – 139: GS1 US

300 – 379: GS1 France

540 – 549: GS1 Belgium and Luxembourg

600 – 601: GS1 South Africa

800 – 839: GS1 Italy

840 – 849: GS1 Spain

**870 – 879: GS1 Netherlands**

\*) GlobalG.A.P. has purchased GLN's from GS1 Germany for the use of their GGN; GlobalG.A.P. accepts to replace the GGN by the local GLN (and/or sub GLN) of the producer/grower.

