



Getting started with GSMP

GS1 GSMP - The Basics





GS1 is the most widely used supply chain standards system in the world.

GS1 is a fully integrated global organisation

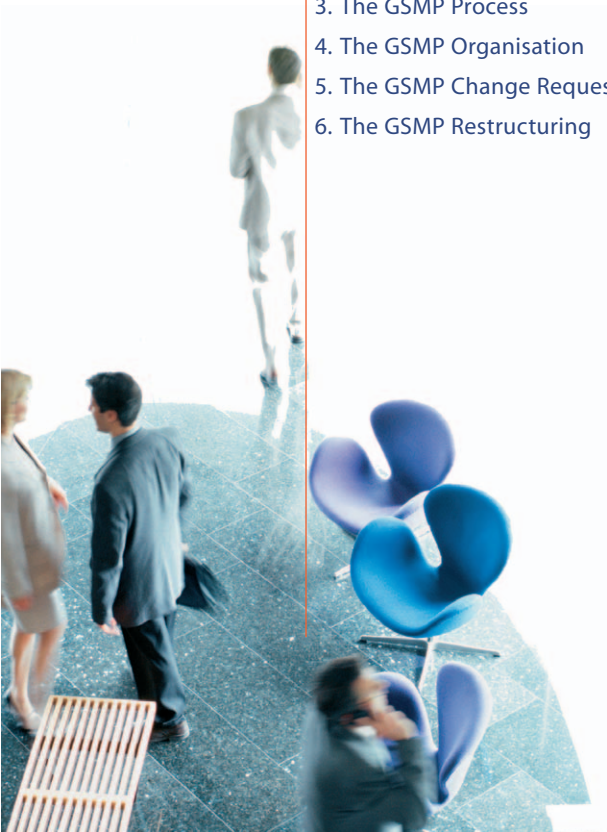
- 104 member organisations representing all points in the supply chain
- Over a million companies doing business across 145 countries

GS1 operates in multiple sectors & industries

- Over 20 represented sectors ranging from Fast Moving Consumer Goods (FMCG) to healthcare, transport, defense, aerospace...

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1. GSMP: The Benefits of a Global Process



What is GSMP?

The Global Standards Management Process (GSMP) is the global forum for users to bring business needs that require standard based solutions to create a more efficient Supply Chain. Specifically, the GSMP provides a comprehensive set of methods and rules allowing the user community and affected industry groups to submit their needs and lead in the creation of globally agreed standards and guidelines.

What are the GSMP Guiding Principles?

GSMP is an open and transparent process.

GSMP's scope is the improvement of global standards and the development of solutions responding to international and local companies' business requirements.

The Global Standards Management Process, or GSMP, is the pre-eminent worldwide collaborative forum where GS1 standards are built and maintained. Since it was created in 2002, the GSMP has been the engine that powers the entire GS1 System of standards. It is an open and transparent process made possible by the participation of companies who wish to improve the efficiency of supply and demand chains.

This publication is designed to present the basics of GSMP: what it's all about, how it works, how user companies can benefit from participating in it, and finally, how to get involved.

What are the Benefits?

GSMP continually improves and enhances the GS1 System to enable uniform, globally applicable standards.

The critically important factors that benefit our customers are: quality, speed, open consensus standards, and total user involvement.

Quality:

GS1 represents a robust and stable set of business standards geared to improving Supply Chain efficiency.

Speed:

Today's business leaders need to quickly react to customers' demands. GSMP adheres to the

same trends, guaranteeing minimum lead times between the submission of a request and the availability of the solution.

Open Consensus Environment:

GS1 produces global, open, freely implementable consensus standards that will bring about improvements in the supply chain. We strive to ensure that once a standard is adopted, it will not be claimed as intellectual property.

Total User Involvement:

Companies, which are members of GS1, have direct access to GSMP and are closely supported by their local GS1 Member Organisation (MO) as they participate in the development of the next standard.

What are the Objectives of GSMP Membership and Voting Rules?

- Being a part of the decision making process.
- Representing specific Supply Chain expertise (Retailer, Supplier, etc.).
- Ensuring piloting and implementation commitment to approve a standard.
- Ensuring continuity to protect legacy implementations built on existing standards.
- Providing transparency and simplicity in voting.
- Ensuring minimum participation thresholds are met - requires four trading partners from each side of a trading partner relationship plus four Member Organisations.

GSMP Return on Investment (ROI)

There are many compelling business reasons for you and your company to participate in the GSMP. Investing in GSMP membership will provide the following benefits:

• **Reduce Costs:**

Implement leading-edge solutions that drive out costs and inefficiencies and add profits to your bottom line.

• **Go Global:**

Improve global trading capabilities to enable you to reach new markets.

• **Solve Problems:**

A global forum to connect your company to trading partners, solution providers, and industry colleagues to address industry issues.

• **Speed up Business Processes:**

Enhance your company's supply chain performance and customer satisfaction with increased speed to market.

- **Sharpen Your Strategic Planning:**
Stay on top of the latest global business issues, trends, and emerging technologies.
- **Leverage New Supply Chain Innovations:**
Participate in pilot implementations of leading edge solutions.
- **Common Solutions:**
Uniform and global applicability of all business solutions.
- **Become Part of the "Industry Roadmap":**
Gain first-hand knowledge of where the leading trading partners are heading.



2. GSMP and Other Industry Groups

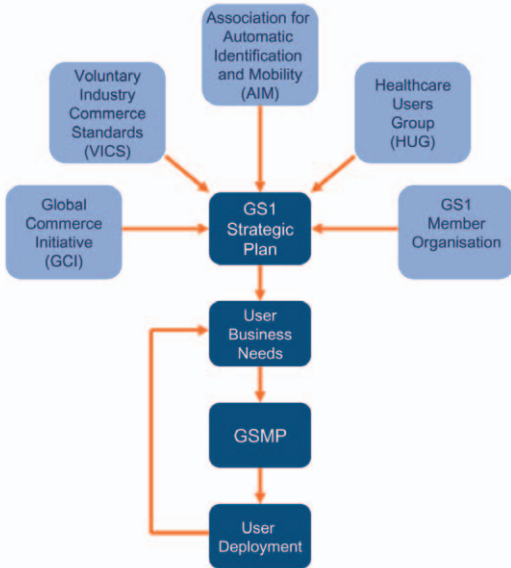
What is the role of the Industry Group?

The role of the industry group in relationship to the GSMP is to:

- Identify standards development opportunities and interface with GSMP.
- Organise business experts (e.g. from specific industry sectors).
- Serve as a communication channel external to GSMP Community.
- Supply business experts to both the GSMP Business Requirements Groups (BRGs) and Work Groups (WGs).



GSMP Link To Community



3. The GSMP Process

The GSMP Process Consists of Six Key Steps

Creating or enhancing a standard is similar to producing an automobile on the assembly line. Before the car ends up on the showroom floor, it goes through a number of steps that follow a thorough process.

Delivering in an open, global, collaborative environment requires a methodology that guarantees a robust, stable and timely solution at the end of the “production chain”. GSMP uses a six-step method to create a standard from a change request:

1. Statement of Business Need:

Assures correct priorities, a commitment to resource development and implementation, and a clear scope to provide swift resolution.

2. Requirements Gathering and Analysis:

This is the most critical step of user engagement.

It harmonises requirements across all types of standards.

3. Business Solution Design :

The development, documentation, and approval by the Business Requirements Group (BRG) and Work Group (WG) of business requirements, business solutions and the resulting technical solution.

4. Technical Solution Design:

The expression of the Business Solution Design into a technical specification.

5. Pilot:

Assures that the final product is robust and of high quality, that user's needs are met, and that the standard is ready to go to market.

6. Posting:

An eBallot supports consensus of users and ratification of the process.



What Standards are Managed by GSMP?

GSMP is the global standards management process for the following types of standards:

- BarCodes & Identification
- eCOM
 - EANCOM
 - BMS
- Global Product Classification (GPC)
- Global Data Synchronisation (GDSN)
 - GDSN Process
 - BMS
- Data Accuracy
 - DMR
 - DT



4. The GSMP Organisation

The GSMP has four types of organisational bodies: Oversight, Governance, Development, and Technology.

Oversight Bodies

The Oversight Bodies consist of the following committees:

- **GS1 Management Board:**
Responsible for determining the global strategy for GS1, and ratifying changes to new or existing GS1 System standards.
- **GS1 Board Committee for Standards (BCS):**
Provides operational and strategic policy and guidance in support of the GSMP.

Governance

The GSMP organisational structure has been expanded to include three distinct groups to lead and operate GSMP as a “shared service”.

- **Operations Group:**
Ensures day-to-day project

management and resource allocation within the GSMP.

- **Process Group:**
Ensures that the GSMP is delivering standards that are critical to business needs with world-class efficiency.
- **Architecture Group:**
Promotes and protects the technical integrity of the GS1 system by creating and maintaining the GS1 System architecture.

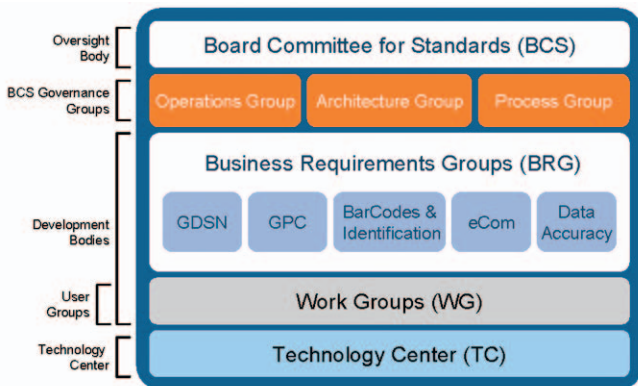
Business Requirements Groups (BRG)

The BRGs are composed of individuals with expertise specific to the business process governed by the BRG and broad GS1 standards expertise. There are four BRGs:

- **GDSN BRG:**
Develops and maintains the global foundational standards of global data synchronization network and master data synchronization standards



- **Master Data/GDSN BRG:**
Develops and maintains the global foundational standards of master data synchronisation and global data synchronisation network standards.
- **GPC BRG:**
Develops and maintains a global product classification system which serves trade channel business needs.
- **BarCodes & Identification BRG:**
Develops standards related to automatic identification and data capture (AIDC), GS1 Application Identification, GS1 BarCodes, and other related and emerging technology.
- **eCom BRG:**
Develops and maintains the business processes and associated data requirements used in transactional processes (i.e. Order-to-Cash) within the supply and demand chain.
- **Data Accuracy BRG:**
Develops standards related to GDSN Package Measurement Rules and Tolerances



Work Groups (WG)

Work Groups are formed to work on Complex Change Requests or GSMP Initiatives included in the GS1 Business Plan. They are closed upon completion of the solution.



Technology

The Technology Centre is comprised of technology experts from GS1 staff, GS1 MOs, and industry representatives. It consists of three groups:

- **eCom Technology Group (eTG):**

Defines technical requirements on B2B message transport and routing, message architecture, security, etc.

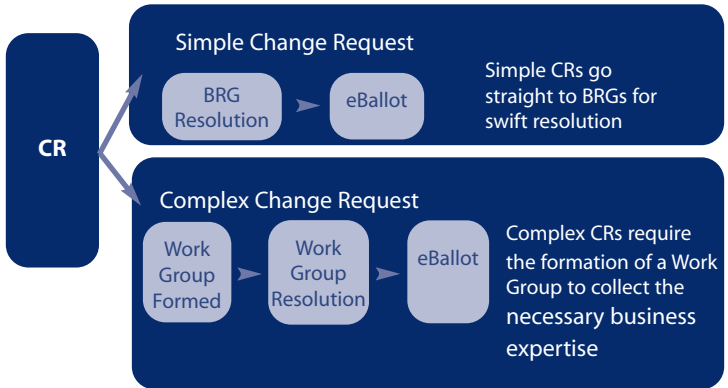
- **BarCodes & Identification Technology Group (BTG):**

Functions in an advisory role to the BarCodes & Identification BRG, its associated work groups, and the GS1 Business Unit Managers.

- **Technical Development Teams (TDT):**

Serves as technical support to development work (i.e. CRs), checks the quality of standards, proposes and maintains methodologies, and proposes technical strategies.

5. The GSMP Change Request Process



What is a Change Request?

Change Request (CR) is the term used in GSMP to indicate how changes to standards are handled.

There are two types of Change Requests: Simple and Complex. The type of Change Request determines the work and how it is processed.

All Change Requests require commitment to implement and support the development of the solution.



6. The GSMP Restructuring

The GSMP Restructuring became effective July 2006

Why Restructure the GSMP?

The Global Standards Management Process was restructured to deliver clearer and more effective governance to the GS1 members. The new GS1 model will allow us to be more responsive to business needs, increase efficiency in producing standards, improved membership ROI, and improve Change Request visibility and processing.

The new GSMP has improved the clarity of decision making by:

- Increasing the role of the Board Committee for Standards (BCS).
- Adopting a newer, clearer governance structure.
- Improving the participation process to be more open and visible.

The new GSMP has improved ROI for participation by:

- Simplifying the committee structure.
- Establishing a model for unlimited number of voting members – eliminates obligatory committee work and allows members to work on what is important to their organisation.





**GSMP has been
developed to enhance Supply and
Demand Chain efficiency through
Global Open Multi-Sectoral Standards.**

Be part of the process
and choose the level of
involvement that fits
your company and busi-
ness needs.

GS1 has developed fully
transparent manage-
ment and communica-
tion tools for GSMP.

The GSMP Website
enables you to submit a
request, track progress
and participate in
Working Groups.
Answers all your ques-
tions on procedures,
roles, responsibilities,
and... how to join!

<http://www.gs1.org/gsmpp/>
Get involved now!





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