



# GS1 Global Standards Management Process (GSMP) Management Level Quarterly Review

Summary of GSMP Activities:  
January - March 2012



# Table of Contents

<b>1. Publications</b>	<b>3</b>
1.1. Key achievements this quarter	3
<b>2. Work in progress</b>	<b>3</b>
2.1. Work Request activity	3
2.2. Working Groups	4
2.2.1. Strategic projects overview	5
2.2.2. Standards Maintenance Groups (SMG)	6
2.2.3. Mission Specific Working Groups (MSWG)	6
2.2.4. Working groups initiated with Call to Actions year to date	7
<b>3. Participation</b>	<b>7</b>
3.1. Membership	7
3.1.1. Voting participation	8
3.1.2. Event attendance	8
<b>4. Quality</b>	<b>9</b>
4.1. Due process and consensus	9
4.2. Standards adoption	9
4.3. Satisfaction	10
4.3.1. GSMP member satisfaction survey	10
4.3.2. GSMP event attendee satisfaction survey	10
4.3.3. GS1 Member Organisation satisfaction survey	11
4.4. Work-Order on-time performance	11
4.4.1. Maintenance on-time performance	11
4.4.2. Development on-time performance	12
<b>5. Appendix</b>	<b>12</b>
5.1. GSMP Governance Group Members	12
5.1.1. Board Committee for Standards (BCS) Members	12
5.1.2. Process Oversight Committee (POC) Members	12
5.1.3. Technical Standards Committee (TSC) Members	13
5.1.4. Architecture Group Members	13
5.2. GSMP Working Group Scorecards	13

# 1. Publications

GSMP provides a comprehensive set of methods and rules allowing the GS1 Community and affected Industry groups to submit their needs and lead in the creation of globally agreed standards and guidelines.

## 1.1. Key achievements this quarter

- **New Version of GS1 General Specifications:** a large number of changes to broaden the GS1 standards to support: fresh foods sector, B2C extended packaging, electricity supply market, and the finance industry (Feb 2012)
- **Global Product Classification (GPC) January 2012 Publication:** new bricks to expand classification in digital media, cereal, wine and beer, fresh foods, automotive lights, bulk containers, foot care, and personal intimacy (Feb 2012)
- **Global Data Synchronisation Network (GDSN) Trade Item Implementation Guide, Issue 17:** new implementation guidance for tax information; dates; regulatory compliance; and mergers, acquisitions, and divestitures (Mar 2012)
- **Global Data Synchronisation (GDS) Maintenance Release 5 Version 2:** updates to validation rules, common library, Fast Moving Consumer Goods (FMCG) extensions, price synchronisation, chemical ingredients, books, publications, food and beverage, hard lines, office supplies, regulatory compliance, HVAC and plumbing (Mar 2012)

# 2. Work in progress

## 2.1. Work Request activity

Work Requests are entered for new standards or modifications to existing standards. The number of Work Requests are reported in several ways:

### # of Work Request submitted for each GS1 Standard

Standard	2009	2010	2011	2012 ytd
Bar Codes	25	31	25	7
Data Accuracy	5	5	0	1
eCom	63	46	50	22
EPCglobal	3	2	7	3
EPCglobal (former process)		21		
Global Data Synchronisation	75	119	95	52
Global Product Classification	15	33	62	40
Global Traceability Standard	4	2	1	0
Other	2	4	7	0
<b>Total</b>	<b>192</b>	<b>263</b>	<b>247</b>	<b>125</b>

### # of Maintenance or Development work efforts

Category	2009	2010	2011	2012 ytd
Maintenance	158	220	220	115
Development	34	43	23	7
In Analysis	<u>0</u>	<u>0</u>	<u>4</u>	<u>3</u>
<b>Total</b>	<b>192</b>	<b>263</b>	<b>247</b>	<b>125</b>

### # of requests entered by region

Regional Input	2009	2010	2011	2012 ytd
Europe, Middle East & Africa	109	113	135	81
North America	74	115	98	41
Asia Pacific	7	35	14	3
Latin America	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total</b>	<b>192</b>	<b>263</b>	<b>247</b>	<b>125</b>

### # of requests entered by member type

Member Type Input	2009	2010	2011	2012 ytd
Member Organisation (MO)	123	164	155	81
User	15	26	22	10
Solution Provider/Data Pool	16	23	48	27
Other	<u>38</u>	<u>50</u>	<u>22</u>	<u>7</u>
<b>Total</b>	<b>192</b>	<b>263</b>	<b>247</b>	<b>125</b>

## 2.2. Working Groups

- 6 Standards Maintenance Groups (SMGs) are active, 1 awaits participants
- 12 Mission Specific Working Groups (MSWGs) are active, 3 await participants
- 2 MSWG call-to-actions were issued
- 5 groups completed their work and closed:
  - ✓ Patient & Care Giver Identification (former GSMP process)
  - ✓ National Healthcare Reimbursement Number
  - ✓ Network Centric ePedigree (NCeP) Joint Requirements Group (former EPCglobal process)
  - ✓ Product Recall (former GSMP process)
  - ✓ Traceability in Healthcare II (former GSMP process)
- 1 group was cancelled:
  - ✓ RFID Software SMG (This work is consistently categorized as 'development' and assigned to a Mission Specific Working Groups).

## 2.2.1. Strategic projects overview

GS1 strategic projects are foundational to the GS1 system, technology, infrastructure or architecture and may impact GS1 and the Member Organisations.

GSMP Strategic Projects (*OGSM 11-12)	Target	Step 1	Step 1B	Step 2	Step 3	Step 4
		Business Need Identified	Group Formed	Requirements Identified	Standard in Development	Deployment Materials
AIDC Healthcare Application Standard Updates *	Sept '13	→				
B2C Digital Coupon *	Jun '12	→	→	→		
B2C Trusted Source of Data	Jun '12	→	→	→		
Barcode Conformance *	Jun '12	→	→	→		
Components & Parts *	Jun '12	→	→	→		
Discovery Services	Dec '11	→	→	→	→	
eCom Major Release 3.0	Dec '11	→	→	→	→	→
EPCglobal Federated ONS *	Jun '12	→	→	→	→	
EPC Tag Data 1.7 *	Dec '12	→				
EPC UHF Air Interface 1&2 *	Oct '12	→	→	→	→	
GDS GPP Sustainability *	Jun '12	→	→	→	→	
Healthcare Patient/Care-giver ID *	Dec '11	→	→	→	→	→
Level Below Each *	Mar '12	→	→	→		
Multiple Barcodes	June '12	→	→	→	→	
National Health Reimbursement Number (NHRN) *	Mar '12	→	→	→	→	→
Product Recall *	Jun '12	→	→	→	→	→
Traceability in Healthcare II *	Dec '11	→	→	→	→	→

**Legend:**

- No known issues
- Minor Risk/ - 10% behind sched.
- Significant risk/ - 10% + behind sched.
- Project cancelled
- Project complete

→ Internal development

**Note:** For more detail on GSMP Development Working Groups, please see Scorecards in the the Appendix

### Strategic Projects Risks and Issues

- **B2C Digital Coupons risk:** achieving consensus on digital coupon key is necessary to ensure timely delivery.

- **Components and Parts Identification issue:** consensus for new component ID key is required; this has not been resolved and requires Architecture Group input and direction. **Issue:** Current project charter scope is for requirements only – a supplemental charter has been created to complete the solution. (CLOSED)
- **Discovery Services issue:** the target delivery date has been missed due to lack of participation and dependency on NCEP model selection.
- **EPC Federated Object Name Service (ONS) issues:** Increased scope to include prototype testing. Delivery date projected to be July 2012. Participation continues to be a struggle
- **EPC Tag Data & Translation Standard 1.7 risk:** The group has not reached minimum membership requirements. The number of companies needed is 6 data recipients (retailers from all sectors) and 6 data source manufacturers from all sectors)
- **EPC UHF Air Interface 1 & 2 issues:** The group cannot agree on a path forward. A Working Group member has filed an appeal on adherence to due process. The appeal is pending a decision by the Process Oversight Committee.  
  
Impact: The Working Group Comment Period may be delayed by 2+ months. Risk: Timeline may be impacted due to addition of prototype testing.  
  
Action Plan: The Working Group is evaluating opportunities to reduce scope elsewhere to mitigate impacts to the project schedule.
- **GDS Sustainability Metrics Global Packaging issue:** GS1 is awaiting an Intellectual Property Contribution Form from The Consumer Goods Forum. The project is on hold until the matter is resolved.
- **Level Below Each issue:** Delivery delayed to May 2012, in order to address additional issues not included in original scope

## 2.2.2. Standards Maintenance Groups (SMG)

Group name	Call-to-action date	Group status
1. GSMP Bar Codes	15 Apr 2010	Working
2. GSMP Data Accuracy	15 Apr 2010	Working
3. GSMP eCom	15 Apr 2010	Working
4. GSMP Global Data Synchronisation (GDS)	15 Apr 2010	Working
5. GSMP Global Product Classification (GPC)	15 Apr 2010	Working
6. GSMP Identification	15 Apr 2010	Working
7. GSMP Traceability and Event Sharing	26 May 2011	Waiting for Participants

## 2.2.3. Mission Specific Working Groups (MSWG)

Group name	Call-to-Action date	Group status
1. GSMP AIDC Healthcare Application Standard Updates	23 Feb 2012	Waiting for Participants
2. GSMP B2C Digital Coupons	10 Feb 2011	Working
3. GSMP B2C Trusted Source of Data (TSD)	2 Dec 2011	Working
4. GSMP Bar Code EPC Implementation	09 Jun 2011	Working


Group name	Call-to-Action date	Group status
Guideline		
5. GSMP Components and Parts Identification	25 Aug 2011	Working
6. GSMP eCom Intelligent Packaging	23 Jun 2011	Working
7. GSMP eCom Logistics Standards	23 Jun 2011	Working
8. GSMP Discovery Services	31 Aug 2011 (transitioned)	Working
9. GSMP GDS Key Validation	23-Feb-2012	Waiting for Participants
10. GSMP GDS Major Release 3	28 Jul 2011	Working
11. GSMP GS1 EPCglobal Federated Object Name Service (FONS)	13 Jan 2011	Working
12. GSMP GS1 Tag Data and Translation Standard 1.7	21 Sep 2011	Waiting for Participants
13. GSMP Level Below The Each (Unit Dose)	26 May 2011	Working
14. GSMP Multiple Bar Codes	Working in Former GSMP	Working
15. HAG UHF Air Interface 1 and 2	Transitioned from EPC	Working

#### 2.2.4. Working groups initiated with Call to Actions year to date

Working group name	Call-to-Action date	Group status
1. GSMP AIDC Healthcare Application Standard Updates MSWG	23-Feb-2012	Waiting for Participants
2. GSMP GDS Key Validation MSWG	23-Feb-2012	Waiting for Participants

## 3. Participation

Participants in GSMP are organisations (companies or other recognised entities); each organisation is represented by one or more individual persons belonging to that organisation. There is no limit to the number of individuals from a single organisation that may participate. Companies not a member of GS1 are non-voting.

 **Note:** Membership reflects new GSMP only

### 3.1. Membership

- GSMP has 583 members, 25 are non-voting
  - 367 users and 241 Member Organisations (MOs)
- GSMP has 246 member companies, 22 are non-voting
- Individual membership had a 12.38 increase from last quarter

### Supporting Charts:


	31-Mar-11	20-Jun-11	30-Sep-11	31-Dec-11	31-Mar-12
Individuals	245	344	409	541	608
Companies	121	156	186	245	268

### Membership by Interest Category

Interest Category	# of Participants
GS1 Member Organisation (MO)	241
Manufacturer	135
Retailer/Hospital	67
Solution Provider	98
Other	67

#### 3.1.1. Voting participation

Each company/organisation has one vote in GSMP, regardless of the number of participating individuals representing them.

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**Note:** The transition to the new GSMP was completed on August 31<sup>st</sup>. Voting data will become available as groups work in the new process and reporting will start Q2 2012.

#### 3.1.2. Event attendance

GS1 hosts two physical meetings every year for the GSMP community to collaborate face to face on industry needs and the development of GS1 Standards. This meeting is called the GS1 Industry & Standards Event. A summary of attendance is shown in the charts below.

##### GS1 Industry & Standards Event Attendance

By Individual	Mar '09 Los Angeles	Oct '09 Lille	Apr '10 Orlando	Sep '10 Amsterdam	Apr '11 Brooklyn	Sep '12 Cologne	Mar '12 Brooklyn
Member Organisations	81	137	79	129	84	122	103
End Users	101	90	70	85	59	58	42
Solution Providers	65	46	23	48	39	39	25
Affiliates (Academia, Assoc., Gov.)	16	12	3	21	13	7	5
Global Office Staff	52	58	42	50	50	51	49
<b>Totals</b>	<b>315</b>	<b>343</b>	<b>217</b>	<b>333</b>	<b>245</b>	<b>277</b>	<b>224</b>



By Organisation	Mar '09 Los Angeles	Oct '09 Lille	Apr '10 Orlando	Sep '10 Amsterdam	Apr '11 Brooklyn	Sep '12 Cologne	Mar '12 Brooklyn
Member Organisations	52	33	18	30	24	30	26
End Users	41	51	35	61	39	43	27
Solution Providers	24	33	21	36	27	26	20
Affiliates (Academia, Assoc., Gov.)	8	7	2	13	10	6	5
<b>Totals</b>	<b>125</b>	<b>124</b>	<b>76</b>	<b>140</b>	<b>100</b>	<b>105</b>	<b>78</b>

## 4. Quality

The GSMP defines quality as the totality of the process employed to ensure that all GS1 Standards are user driven, globally applicable, royalty free (to the best of our ability) and ultimately meet the needs and requirements defined by its members.

### 4.1. Due process and consensus

**Due Process:**

All GSMP groups are expected to follow the processes and procedures specified in the GSMP Manual. A Community eBallot is used to confirm community consensus to progress a draft requirement, standard, or other GSMP deliverable.

**Consensus:**

Decision-making is achieved through consensus, which is defined as approval without sustained opposition.

Below are measures of due process and consensus in the GSMP.

- Zero (0) due process infractions
- 38 eballots approved unanimously, 5 approved with no votes
  - 88% approved unanimously, up 85% in the previous quarter
- 1,033 yes votes, 9 no votes
  - 99% votes were affirmative, consistent with the previous quarter

### 4.2. Standards adoption

An annual survey will be sent to “active, voting” GSMP group members to measure and determine the adoption of standards developed by GSMP. Survey data will be available Q4 2012.

## 4.3. Satisfaction

### 4.3.1. GSMP member satisfaction survey

GSMP issues an annual survey to all GSMP members to rate their satisfaction with the GSMP and staff. Survey results for the fiscal year 1 July 2010 – 30 June 2011 are summarised below.

66 individual members responded to this survey

	Poor	Fair	Good	Excellent
Staff	2	11	40	12
Efficiency	6	20	30	6

#### Summary:

- 80% of respondents rated the level of service received from GSMP staff as good to excellent, down from 89% the prior year
- 58% of respondents rated the efficiency of their business need moving through the GSMP as good to excellent, down from 63% the prior year



**Note:** The decline may be due to the transition from 3 processes to 1 process.

### 4.3.2. GSMP event attendee satisfaction survey

GS1 issues an event satisfaction survey after each Industry & Standards Event. A summary of survey results of the event held in Brooklyn, March 2012, is provided below. Historical data for this event survey is not provided because categories of measurement were changed to align with other GS1 Global Office surveys:

1. How satisfied were you with the GS1 Industry & Standards Event in Brooklyn?				
Dissatisfied	Fairly Satisfied	Neutral	Satisfied	Very Satisfied
1%	2%	11%	67%	18%

2. How satisfied were you with the event facilities?				
Dissatisfied	Fairly Satisfied	Neutral	Satisfied	Very Satisfied
4%	7%	15%	51%	23%

3. Overall, how satisfied were you with the week's agenda?				
Dissatisfied	Fairly Satisfied	Neutral	Satisfied	Very Satisfied
2%	4%	19%	61%	14%

4. How satisfied were you with the working groups you attended?				
Dissatisfied	Fairly Satisfied	Neutral	Satisfied	Very Satisfied
2%	2%	11%	61%	23%

#### 5. Was it clear which sessions required Intellectual Property (IP) agreements?

Yes	No	Other, provided suggestion
99%	0%	1%

#### 6. How satisfied were you with the performance of your working group facilitator?

Dissatisfied	Fairly Satisfied	Neutral	Satisfied	Very Satisfied
0%	0%	10%	55%	35%

### 4.3.3. GS1 Member Organisation satisfaction survey

GS1 issues an annual survey to all GS1 Member Organisations (MOs) to rate their satisfaction with GSMP. 91% of respondents rated the level of satisfaction with GSMP as favourable.

Below are the results for the fiscal year 1 July 2010 – 30 June 2011, 83 MOs responded to the survey:

	Did not respond to GSMP	Responded neutral	Favourable response	Not-favourable
Overall Satisfaction	16	27	51	5

### 4.4. Work-Order on-time performance

Work Requests (WR) are the entry point into the GSMP process to request new standards or modify existing standards. Work Requests follow the processes and procedures laid out in the GSMP Manual for approval and development. The time it takes for GSMP projects to be processed are measured below:

#### 4.4.1. Maintenance on-time performance

A Work Order is categorised as maintenance if it is a small change to an existing standard or guideline or a group of small changes that can readily be handled by a standing committee. Examples: errata, new EDI code values, new symbol placement rules, GDSN Validation Rules. Maintenance work is considered on time if it is completed in or under 120 days as of 31 August 2011. Starting August 31<sup>st</sup>; Maintenance Type 1 is considered on-time if it is completed in or under 180 days; Maintenance Type 2 is considered on time if completed in or under 365 days.

*A new Work Request System was launched March 26, 2012. Reports are under development for the new system, therefore; on-time performance will not be published for this quarter. The chart below reflects year end 2011. On-time performance will resume in the next publication.*

Year	Total	Open	Closed		% Closed on Time
			On-Time	Exceeded Benchmark	
2009	158	9 (8 on-hold)	125	24	84%
2010	220	11	174	36	83%
2011	220	65	147	8	95%

#### 4.4.2. Development on-time performance

A Work Order is categorised as development if it involves creation of a new standard/guideline or significant change to existing standard/guideline. Examples: extension to GDSN, a new EPCglobal High Frequency (HF) Air Interface Standard, an enhancement to the EPCIS standard to include aggregation layers, a new bar code symbology, a new Business Message Standard. Development work is on time if the work is completed in or under the estimated time to complete. The estimated completion date is defined in the project plan at the start of the development stage.

Group Name	Estimated Completion Date	MB Ratified Date	Closed	
			On-Time	Exceeded Benchmark
GSMP EPC Tag Data & Translation Standards V1.6 WR# 10-204	30-Nov-2011	9-Sept-2011	Yes	
GSMP National Healthcare Reimbursement Number	31-Mar-2012	1-Mar-2012	Yes	

## 5. Appendix

### 5.1. GSMP Governance Group Members

#### 5.1.1. Board Committee for Standards (BCS) Members

1. Volker Zeiner, B. Braun
2. Joe Spagnoletti, Campbell Soup Co.
3. Miguel Lopera, GS1
4. Maria Palazzolo, GS1 Australia – Chairperson
5. Art Smith, GS1 Canada
6. Pierre Georget, GS1 France
7. Elzbieta Halas, GS1 Poland
8. Bernie Hogan, GS1 US
9. Lori Bigler, J.M. Smucker Co.
10. Mike Rose, Johnson & Johnson
11. Antonius Kromwijk, Nestle
12. Juan Antonio Sanfeliu, Manufacturas Antonio Gassol
13. Gerd Wolfram, METRO AG

#### 5.1.2. Process Oversight Committee (POC) Members

1. Pat Vessey, Best Buy
2. Carol Edison, General Mills
3. Barb Munro, Kraft Foods
4. Ron Bone, McKesson
5. Hanjoerg Lerch, Metro AG - Co-Chair
6. Robin Kidd, Nestle
7. Steve Robba, SA2 Worldsync
8. Ron Moser, Wal-Mart
9. Steven Periera, GS1 Australia
10. Mike Sadiwnyk, GS1 Canada – Co-Chair
11. Per Killshom, GS1 Denmark
12. Natascha Rossner, GS1 France

13. Klaus Foerderer, GS1 Germany
14. Loek Boortman, GS1 Netherlands
15. Mary Wilson, GS1 US

### **5.1.3. Technical Standards Committee (TSC) Members**

1. Steve Halliday, High Tech Aid – Co-Chair
2. Chris Diorio, Impinj

### **5.1.4. Architecture Group Members**

1. John Terwilliger, Abbott Laboratories
2. Mark Harrison, Auto-ID Labs Cambridge
3. Josef Preishuber-Pflügl, CISC
4. Tony Zhang, FSE, Inc.
5. Ken Traub, Ken Traub Consulting
6. Paul Michicich, Kraft Foods
7. Jens Kungl, MGI Metro
8. Vera Feuerstein, Nestle
9. John Duker, P&G – Co-Chair
10. Steve Pettinger, Wal-mart
11. Sue Schmid, GS1 Australia– Co-Chair
12. Eugen Sehorz, GS1 Austria
13. Kevin Dean, GS1 Canada
14. Xavier Barras, GS1 France
15. Andeas Fuessler, GS1 Germany
16. KK Suen, GS1 Hong Kong
17. Roberto Matsubayashi, GS1 Brasil
18. Hein Gorter de Vries, GS1 Netherlands
19. Kunle Oye-Igbemo, GS1 Nigeria
20. Pere Rosell, GS1 Spain
21. Staffan Olssen, GS1 Sweden
22. Andrew Osborne, GS1 UK
23. David Buckley, GS1
24. Henri Barthel, GS1 – Co-chair
25. Sean Lockhead, GS1

## **5.2. GSMP Working Group Scorecards**

Project level scorecards are provided for each working group in GSMP and include project description, risks, milestones, accomplishments and status. Monthly updates are available by the 7<sup>th</sup> day of the month, on our webpage at <http://www.gs1.org/gsmg/scorecards>.