

## Also in this issue:

- Recognizing the Value of CR's from MO's
- New Issue of the GSMP User Manual Released!
- GS1 Architecture – Who and What is it and Why Have it?
- GS1 Healthcare Issues Position Statement on Product Identifiers
- GS1 - Enabling AS2 Implementation for Beginners
- GSMP Membership Update
- GSMP World Wide Fall Event

## Universal Visibility Comes to the GS1 Community Room

by Eileen Hardcastle, GS1 Global Office



GS1 Community Room is the on-line collaboration tool used by GSMP to house all of its group's documentation and information.

There was a time when only members of a GSMP group had access to that group's Community Room documents and calendar items. This has now changed with the implementation of "View Access". Now all GSMP BRG and Work Group documents and calendar events has been opened to all members of the GS1 Community Room!

Thinking of joining a group? Want to know what's happening in a group you are not a member of? In GS1 Community Room, click on "**All Groups**" arrow down to "**GSMP Groups**" and click on any group to view all its documents and calendar items.

For full access and participation in a GSMP BRG or WG, membership is still required. You are encouraged to join the groups you want to participate in and contribute to! Building standards that improve supply chain efficiency is a collaborative effort among all stakeholders. We need your participation to make it work.

For more information about the GS1 Community Room, please contact Eileen Hardcastle at [eileen.hardcastle@gs1.org](mailto:eileen.hardcastle@gs1.org).

## NATO Continues to Leverage the GS1 System

by Jim Petragani, GS1 US, and John Ryu, GS1 Global Office



GS1 has been working jointly with NATO for approximately 6 years. During this time significant work has been accomplished using the GS1 System. For example, GS1 Keys have been adopted and incorporated into NATO STANAGS or Standardized Agreements. Two business process models were developed, First to track the movement of containers or assets

and the second to improve the logistical arm or movement of supplies through the supply chain.

Once again the two organisations are collaborating to develop a solution using the GS1 System which will have a positive impact on the NATO Supply Chain.

Over the years NATO has been utilising the 90 series Application Identifiers within the transportation section of their supply chain. Since this time many nations have found a need to employ the 90 series Application Identifiers for other national activities and clearly are unable since they will be in conflict with the NATO agreed definitions.

To further promote the ability to track and trace consignment shipments using the GS1 System, NATO has submitted a change request in the GSMP Process that the 7 NATO defined Application Identifiers be given permanent assignments. These Application Identifiers will be incorporated into NATO marking / labeling documents.

Representatives from both NATO and the Barcodes BRG are actively participating in this GSMP NATO Asset Tracking Work Group (ATWG) to qualify the business requirements.

Please contact [james.petragani@gs1.org](mailto:james.petragani@gs1.org) or [john.ryu@gs1.org](mailto:john.ryu@gs1.org) to join this GSMP NATO ATWG.

## Recognizing the Value of CR's from MO's

by Neil Gray, GS1 UK and Mark d'Agostino, GS1 Global Office



The GSMP reacts to user requests that may come directly from users, or from Members Organizations on behalf of users. Both approaches are valid. As detailed in the GSMP Management Report, 170 CR's were entered by MO's and 61 from user companies. The high volume is driven by a number of factors:

- GDSN implementation and the growing demand for various standardized data to be transmitted through the network
- New sectors like Healthcare and Hardlines
- Emerging interest in GS1 XML

Here is an example of how one MO works with their community to bring their needs to the global collaborative forum of GSMP.

### Business Requirements gathering for Global data synchronisation at GS1 UK

GS1 UK operates a rolling monthly process under which members can submit their product data management requirements in a standard format for peer review and agreement before raising a GSMP CR. This has been operating since January 2007.

#### Summary of Activity in 2007

- 21 Requirements Raised
- 17 Requirements Approved
- 16 GSMP Change Requests Raised
- 12 GSMP Change Requests Approved for Standard
  - Country Code of EU
  - Attributes & Codes:
    - \* Activities / Sub Ingredients / Food Assurance / Fair Trade
    - \* Preparation Types / Consumer Storage / Multi Packs

The process allows UK business requirements to be pre-validated before reaching GSMP. The requirement and its rationale are honed and enhanced by members. The requirement is pre-checked for similar or already existing solutions within the GS1 standard or local data dictionary. Discussion and development of the requirement may require work group creation; once

complete the requirement enters the monthly process for approval.

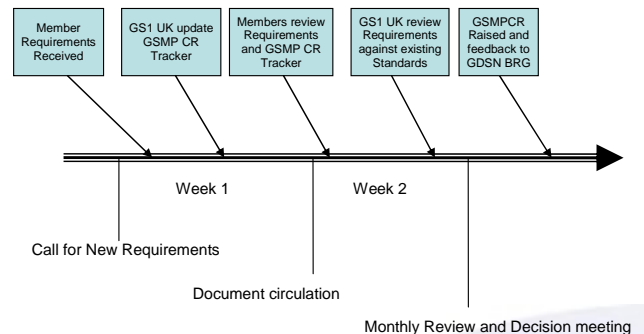
The requirement is formally approved by a voting quorum of the GS1 UK Data Synchronisation Expert Group (established 2002).

In addition this rolling monthly process allows for the collective group review and opinion on active GSMP CRs tracked by GS1 UK, where there may be impact for UK supply chains. GS1 UK represents the group's views to the GDSN BRG.

Members are strongly encouraged to champion their requirements through the local GS1 UK process and the GSMP GDSN BRG knowing they have the full support of their peer organisations in the UK and the facilitation support from GS1 UK.

There are clear benefits of this requirements management approach. Members know where and how to progress their requirements to standards with a known resource commitment. GS1 UK keeps members in regular touch with standards development under a repeatable and efficient process. GSMP receives a well structured and thought out requirement to effect a quality standard that will be adopted by the committed member(s) who raised the requirement.

#### The Process:



For more information you can contact Neil Gray at [neil.gray@gs1uk.org](mailto:neil.gray@gs1uk.org) or Mark d'Agostino at [mark.dagostino@gs1.org](mailto:mark.dagostino@gs1.org).

## New Issue of the GSMP User Manual Released!

by Mike Mowad, GS1 Global Office



The GS1 Global Standards Management Process (GSMP) was created to ensure a robust, stable, and timely solution at the end of the production chain. If you want to understand the basic steps involved in the GSMP and the organizational structure utilized to support it, the *GSMP*

*Users Manual* is your definitive source of information.

Over the past two years we have been working with our community to further improve the GSMP. These improvements are now fully documented in the new release of the *GSMP Users Manual*.

Some of the improvements include:

- A new BarCodes BRG process
- Enhancements to the GSMP Change Request (CR) process
- Clarification of Membership and Voting Rules
- Clarification on the roles and responsibilities the Process Managers, Business Unit Managers, Process Group, and Architecture Group.
- Re-organization of content to improve readability
- A comprehensive index

We also added new information on the EPC Global standards development process as well as the new GS1 Local Community Network (LCN).

The GSMP team, the Process Group, and several members of the GSMP community have met over the last several months to create this new release of the manual. After going through a formal public review it was submitted to the BCS for final approval.

The GSMP team wishes to thank everyone in our community who helped us achieve this significant milestone. The new *GSMP Users Manual* can be found on the GSMP website at: [gs1.org/services/gsmp/support/user\\_manual.html](http://gs1.org/services/gsmp/support/user_manual.html).

For more information please contact Mike Mowad at [michael.mowad@gs1.org](mailto:michael.mowad@gs1.org)

## GS1 Healthcare Issues Position Statement on Product Identifiers

by Pete Alvarez, GDSN Inc.



The GS1 Healthcare Leadership Team approved a position statement about the construction of Healthcare databases to capture the different data structures of GTINs (Global Trade Item Number – GS1 Identification Key for

trade item): these should be constructed in such a way that they accept 14-digit GTINs.

View the full position statement at: [gs1.org/docs/healthcare/GS1\\_Healthcare\\_Position\\_Statement\\_GTIN14\\_Digit\\_Database\\_final\\_print.pdf](http://gs1.org/docs/healthcare/GS1_Healthcare_Position_Statement_GTIN14_Digit_Database_final_print.pdf)

### Global GDSN Pilot Successfully Completed

The GDSN (Global Data Synchronisation Network) Healthcare work team announced the successful completion of the global GDSN pilot last week at the GS1 Healthcare Conference in Toronto. Lance Richey (Premier Inc.) and Volker Zeinar (B. Braun) presented their initial lessons learned. View the full presentation at: [gs1.org/docs/healthcare/9\\_Richey\\_Zeinar\\_Global\\_GDSN\\_Healthcare\\_Pilot.pdf](http://gs1.org/docs/healthcare/9_Richey_Zeinar_Global_GDSN_Healthcare_Pilot.pdf)

The pilot intended to demonstrate how the GDSN supports Healthcare supply chain and product data needs and how the GDSN works across borders.

Participating suppliers were Baxter, B. Braun, and BD. Participants from the demand side were Amerinet, Ascension, Mayo, Premier and Sister of Mercy. The pilot team consisted of representatives from 1Sync, US Department of Defense, GS1 Australia, GS1net, GS1 US and Ontuet.

### New GS1 Healthcare Leadership Team Elected

GS1 also announced the election of the new GS1 Healthcare Leadership Team in Toronto.

Co-Chairs are Mark Hoyle (AIDC Manager, COE Packaging, Covidien) and Tim Marsh (Senior Manager, Pfizer Global Package Technology).

Other members represent stakeholders from across the Healthcare supply chain and from around the world: Abbott (Mike Wallace), Alcon Pharma (Grant Hodgkins), B.Braun (Volker Zeinar), CHU Aulnay (Frédérique Fremont), Comparatio (Frank Brüggemann), CVS (Ramesh Murthy), GSK (James Hickland), J&J (Tom Werthwine), McKesson (Ron Bone), Medtronic (Jackie Elkin), Novartis (Scott Cameron), Premier (Joe Pleasant), and Smiths Medical (Jim Willmott).

GS1 would like to thank all LT members for their continued leadership, support and commitment to the GS1 Healthcare mission and vision.

More news to follow in a few weeks For more information please contact Pete Alvarez at [peter.alvarez@gs1.org](mailto:peter.alvarez@gs1.org).

## GS1 Architecture – Who and What is it and Why Have it?

by Sue Schmid, GS1 Australia



During the GS1 Forum held in February 2008 a representative group of the GS1 Architecture Team presented to the GS1 community an overview and vision of what GS1 Architecture and what the GS1 Architecture Team is all about.

### So what is the GS1 Architecture?

The purpose of the GS1 System Architecture is to describe how all the components, i.e. GS1 Identification Keys and attributes, GS1 Bar Codes, GS1 eCOM, GS1 GDSN and GS1 EPCglobal fit together.

### A GS1 Architecture will:

Ensure that when developing, updating or initiating changes to the current sets of standards we get a clear picture of the impact (either positive or negative) to the other components of the system

Enables ALL standards development activities to have a clear picture of where and how each part fits together

Contribute to the facilitating strategic decisions on the future growth potential and opportunities that the GS1 System has to offer our current and future users needs

Enable our users to more effectively implement the entire GS1 System and realise the added value of beyond compliance adoption.

Taken together, this clearly articulate set of principles and policies will help all GS1 Stakeholders ensure greater System Integrity.

In future, the function of the GS1 Architecture will be to transform the architecture from its

current undefined state to a clear, elegant and easily understood description. Thereafter the architecture will be maintained as standards and solutions develop and check proposed new or changed standards for architectural consistency.

Who is a member of the GS1 Architecture?

Current members of the GS1 Architecture group include representation from all GS1 Business units, Member Organisations and the User community. The roles and responsibilities of the GS1 Architecture

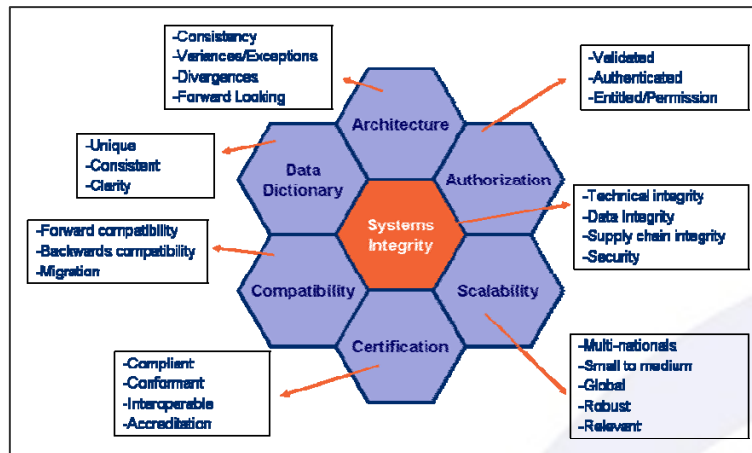
Group are defined in the GSMP User Manual that can be found at: [gs1.org/gsmg](http://gs1.org/gsmg). This group reports to the Board Committee for Standards (BCS) within the GSMP framework.

### Current GS1 Architecture Activities

Although it has been just 18 months since the group was formed, the GS1 Architecture team has been dealing with many topics. The main activities at this current time include, but are not limited to:

- **GS1 Architecture Principles:** A document that defines the core principles by which the GS1 Architecture (and hence our GS1 System) will be defined by. This document has just gone through a public review process and all comments are currently being assessed. Expected completion for open publication is anticipated to be June 2008
- **60 Day EPCglobal Standards Review:** Towards the middle of last year the GS1 Architecture Group undertook a massive task to facilitate the review of the EPCglobal standards versus the GS1 Standards and address any divergences or issues identified by those who had submitted input to the review. Over 290 comments were received by the community and these comments were categorised into like groupings to create a total of 14 groupings. Currently members of the GS1 Architecture team are now working through the various tasks and we

will bring you updates as they progress. There is an Action Items list (60 day review Resolutions Actions Tracker) with deliverables/dates and identifies those who are responsible. This document is updated monthly.



- The work plan for the year ahead:
  - Create the GS1 Architecture
  - Finalise and publish the request for Finding Process
  - Address the comments on the Principles Document after the community review
  - Review the items identified on the EPCglobal standards roadmap

*Continued on the next page*

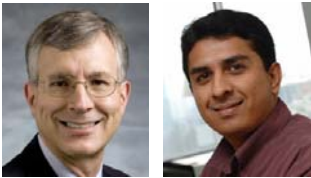
*Continued from the previous page*

- Reviewing EPCglobal standards as they progress through the Standards Development Process (both at Requirements and Last Call Working Draft stage)

Details on the GS1 Architecture Group can be found on the GS1 Community Room, via the emerging Training Library on Learn or directly from Bernie Hogan ([BHogan@gs1us.org](mailto:BHogan@gs1us.org)) as the chair of the group or Sue Schmid ([sschmid@gs1au.org](mailto:sschmid@gs1au.org)) as the communications contact.

## GS1 - Enabling AS2 Implementation for Beginners

*by John Duker, Procter & Gamble and Dipan Anarkat, GS1*



For years GS1 has taken leadership in the development and implementation of the AS2 (Applicability Statement 2) data

exchange standard. Our mission is to help members use GS1 standards to conduct electronic commerce, and AS2 enables them do so quickly and securely. GS1 helped in the development of the AS2 standard and is also working with the Internet Engineering Task Force (IETF) in other areas of AS2 development including Automated Certificate Exchange Messaging (CEM) and Operational Reliability for AS2. The E-Commerce Technology Group (ETG) of GSMP has recently completed a guide designed to assist newcomers in adopting and implementing AS2 based electronic commerce called the *GS1 Newcomers to AS2 - Implementation Guide*.

This Newcomers Guide is designed to help organizations that are new to AS2 to successfully implement AS2 data exchange with their trading partners. Newcomers will benefit greatly by implementing AS2 in an accepted and industry standard way. This Guide is another example of the GSMP's support for the GS1 Business Plan of focusing on implementation of the GS1 System.

The intended audience of this guide is IT managers, Network Infrastructure managers and Application Support specialists who are planning to setup AS2 communications within their organization to exchange data with their trading partners. This guide has been developed with the help of GS1 global office, various GS1 Member Organizations, GCI Global Upstream Supplier Initiative (GUSI), GS1 community members, GDSN Inc., EPCGlobal Inc., ANSI X12 and RosettaNet.

This demonstrates GSMP effectiveness in providing a world class collaborative forum for developing truly global and interoperable standards and solutions.

*"The GS1 Newcomers to AS2 Implementation Guide will help organizations set up electronic trading relationships with their partners using AS2. The Guide gives helpful information about AS2 and will enable newcomers to implement AS2 in a standard way. The E-Commerce Technology Group (ETG) of GSMP collaborated with GS1 community members and other groups to document best practices for this Guide."*

John Duker  
Procter & Gamble

The implementation guide can be downloaded from the GS1 Knowledge Centre at:

[gs1.org/services/gsmpp/kc/ecom/xml/xml\\_add\\_docs.html](http://gs1.org/services/gsmpp/kc/ecom/xml/xml_add_docs.html)

For further information on Automated Certificate Exchange Messaging (CEM) and Operational Reliability for AS2, see the References in the Guide or contact John Duker at [duker.jp@pg.com](mailto:duker.jp@pg.com). For information on joining ETG contact Justin Childs at [justin.childs@gs1.org](mailto:justin.childs@gs1.org).

## GSMP Membership Update

The new GSMP membership model continues to flourish. Please join us in welcoming this quarter's new members to the GSMP:

Name	Company
Adrian John	Ministry of Defense UK
Alexander Meissl	GS1 Austria
Alfredo Ramirez	Unilever UK
Anja Olbertz	GS1 Germany
Ashish Gupta	IBM (US)
Bernard Karli	ixedio ag
Bob DeRosier	Johnson & Johnson
Brad Henderson	Sobeys
Christa Suc	GS1 Hong Kong
Dan Genin	Johnson & Johnson
Dan Kimball	DLA - DOD Logistics
David Farley	Videojet Technologies
Doerthe Eckhardt	Dole Europe SAS
Elitsa Polizoeva	NXP Semiconductors
Fatou COULIBALY	GS1 France
Gary Fleming	PMA
Georg Schwering	Metro
Gert van Zanten	Heineken
Han Du	GS1 China
Heidrun Girz	GS1 Austria
Helena Lundén	ICA AB
Hemanth Manda	IBM (US)
Heng Qian	GS1 China
Hirokazu Nagai	Japan Pallet Rental Corp
Jakob Saros	Ericsson AB
James Martin	Kimberly-Clark Corporation
John Keogh	Hewlett-Packard
John Kessler	Paxar Corporation
Joon Pyo Park	GS1 Korea
kari tuovinen	Nokia
Keisuke Yamashita	Procter & Gamble Co. (Japan)
Kerri Ahn	GS1 Korea
Leon van der Vyver	Dole South Africa (Pty) Ltd
Mami Sou	GCI Japan
Mehran Lamei	GS1 Iran
Mercedes Schulze	GS1 Germany
Michal Martinko	Hewlett-Packard
Michel Ottiker	GS1 Switzerland
Mick KEYES	Hewlett-Packard
Nuno Jonet	Savi Technology
Pamela Fisher	Wegmans Food Markets
Patric Bottne	CamClie
Patricia Facchin	Nestle
Patrick Javick	GS1 US
Petteri Kolehmainen	Nokia
Ramkumar KB	Savi Technology
Randi Katz	GS1 US
Raymond Wong	GS1 Hong Kong
Richard Mosley	C H Robinson Worldwide
Ronald Janssen	Centraal Boekhuis
Ryad Semichi	Savi Technology

Name	Company
Seung-Chul Kim	GS1 Korea
Simon de Pinna	UpCode Mobile Solutions
Sprague Ackley	Cadbury plc - North America
Steve Hess	merck
Steve Roosdahl	The Oppenheimer Group
Steven Simske	Hewlett-Packard
Sylvia Stein	GS1 Netherlands
Todd May	Bristol-Myers Squibb
Tom Casas	Tanimura and Antle
Uwe Quiede	Metro
Vanderlei Santos	Nestle
Vera Story	Whirlpool Corporation
Vladimir Kozovic	GS1 YU (Serbia & Montenegro)
Yeni Youn	GS1 Korea
Yuko Shimizu	GS1 Japan
ZiChao Xie	Inspiry Technology

## GSMP World Wide Fall Event - Washington, DC USA 2008!



The next GSMP World Wide Fall Event will take place 6-10 October 2008 in Washington, DC USA at the Sheraton Premier (Tyson's Corner).

The registration website is available at: [gs1.org/services/events/2008/washington/](http://gs1.org/services/events/2008/washington/)

We hope to see all of you!



The global language of business

This newsletter was written and produced by GSMP.

Publisher: Mike Mowad [michael.mowad@gs1.org](mailto:michael.mowad@gs1.org)

For additional information you can contact GSMP at [gsmp@gs1.org](mailto:gsmp@gs1.org). All content is © GS1 2008 [www.gs1.org](http://www.gs1.org)