Record attendance!

334

Record number countries!

32
Plenary agenda

- The week ahead
- GSMP improvements “in action”
- GS1 Global Office leadership team update
- GTIN Management Standards panel
- GS1 Standards Awards
- Closing remarks
Thank you for joining us!

This week we will:

- Inform, learn and share best practices
- Network and strengthen our working relationships
- Help define the future of global business standards

40 sessions  2 Lunch & Learns  2 evening networking events!
Transforming business together

Key topics that will be covered include:

- Transport & Logistics in the digital age
- Technical Industries – gaining interoperability
- Fresh Foods - new case studies
- Apparel & General Merchandise
- Unique ID – consumer product variant
- Enhancing existing standards
- Enabling greater traceability
- Transforming Foodservice
- Omni-channel last mile opportunities
- GDSN what’s next
- Building new global standards

The Global Language of Business © GS1 2016
GSMP improvements “in action”

Mark Holmes
GS1, Vice President, GSMP
Our new process in motion

Relevance

• Implement new “entrance criteria” requirements within the work request
• Establish Industry Engagement Steering Committee (IESC)

Efficiency

• Consistency across work groups
• Involve the right people at the right time

Participation

• Implement community engagement plan
  • Targeted communication
  • Focused collateral
• Implement new participation models:
  • Distributed working groups
  • Local work group IP contribution model
  • Standards development public review
What we observed in the past 6 months

**Before entering standards development:**

- Business challenges identified
- Business case alignment
- Committed resources

IESC – Industry Engagement Steering Committee
Implemented process improvements

Active facilitation & collaboration during standards development

• Pre-work by Global Office
• Greater collaboration with co-chairs
• More f2f meetings
• Creative methods gathering more input faster
• Efficient use of industry’s time
What success used to look like...

Before best in class improvements...

Delivering a new standard averaged >443 days!
Our improvements are delivering!

Maintenance, Repair & Overhaul (MRO) in Rail

- Estimated: 276 days
- On schedule!

High Speed Barcode Printing

- Estimated: 240 days
- Ahead of project plan, ready for ratification!

UniqueID

- Hooray! 146 days
- Per project plan

* = estimated based on project plan
Our improvements are delivering!

- **Maintenance, Repair & Overhaul (MRO) in Rail**
  - Industry Engagement Steering Committee - Approved
  - Estimate: *276* days
  - On schedule!

- **High Speed Barcode Printing**
  - Standards Development
  - Estimate: *240* days
  - Ahead of project plan, ready for ratification!

- **UniqueID**
  - Ratification Process
  - Hooray! *146* days
  - Per project plan

* = estimated based on project plan
If you want to go fast, go alone.
But if you want to go far, go together.
- ancient proverb
Here at GS1, we have proven we can go fast and we can go far by working together!!
GS1 Strategy

Miguel Lopera
GS1, President and Chief Executive Officer
Long term strategy – our strategic priorities

1. Mission / Vision
   - Purpose & beliefs
   - Common global brand system

2. Execution Quality
   - Best-in-class GSMP
   - Data strategy
   - Data quality

3. Sector Focus
   - Drive adoption and use of the GS1 system across core sectors: Retail / Omni-channel, Healthcare, Transport & Logistics
   - Identify opportunities for growth based on successful MO initiatives
   - Evaluate viable industries

4. Digital
   - Develop a seamless relevance of the GS1 system across physical and digital domains

5. Innovation
   - Innovation Network for open community sharing, and fast exploration of opportunities

6. Organisation
   - The Big Picture
   - MO clusters
   - MO governance (independent legal entities)
   - Common trademark agreement
   - GS1 organisational culture
Global Standards: OUR CORE
GS1 Key Priorities 2016-2017

1. **Standards Development**
   - Best in Class GSMP

2. **GS1 Data**
   - GS1 Data Strategy
   - GS1 Key Authentication

3. **Retail/Omni-channel**
   - GS1 UniqueID
   - GS1 SmartSearch

4. **Healthcare**
   - GS1 Healthcare Strategy – “Project Imagine”
   - Unique Device Identification (UDI)

5. **Financial Services**
   - GLEIF – Global LOU

6. **Interdependence**
   - The Big Picture
GS1 Innovation Network

Steve Bratt
GS1, Chief Technical Officer and President, Standards Development and EPCglobal
GS1 Innovation Network - Purpose:

Build a improved capability for **foresight** into **business & technology opportunities & challenges** around GS1’s space.
Connecting & Collaborating

http://gs1.brightidea.com/

Developing an Innovative Culture

Even the best ideas start somewhere.

“Improve the consumer experience”

InZone

ID SMG “SmartSpecs”

Hackathon

GS1 Brasil

“The Global Language of Business
© GS1 2016"
GS1’s Auto-ID Labs
Connecting, Collaborating, Innovating, and Exploring, together

http://gs1.brightidea.com/AutoIDLabs
Problem Identification & Exploration
Future of Automatic Identification and Data Capture

When might GS1 run out of Keys?

Proliferation of symbols on packaging
Phase 2 for the GS1 Innovation Network
What’s Next?

1. Regular rhythm of calls for proposals, starting exploratory projects, useful results -- fast

and

2. Most projects guided by Themes (“Guide Stars”)

The following are only examples ...
(the REAL first themes will be announced soon)
IoT: EPC-empowered consumer experience

urn:epc:id:sgtin:0614141.112345.400
Location: Expanding the Value of GLN

Public & personally-controlled data & images

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O3878780~ U1J8
89393097075Q
P098 J;LKSJ JKDSJ
Virtual and Augmented Reality
Join the discussion

http://gs1.brightidea.com/

Problem Identification & Exploration

Connecting & Collaborating

Developing Innovative Culture

steve.bratt@gs1.org
Traceability & GDSN

Malcolm Bowden
President, GS1 Global Solutions and GS1 Data Excellence
Global Traceability Standard (GTS)

GTS will be enhanced to enable seamless full-chain traceability and visibility, and to include event-based traceability and interoperability. In parallel, we will also address EPCIS discovery.

- Following recent top-to-top meetings with GS1 Member Organisations, and other feedback from industry, it is clear that Traceability is a core topic on which GS1 had a broader role to fulfill.
- We have started a project to more clearly define GS1’s role in Traceability and provide an updated offering to increase its overall relevance.
- The GTS2 Interest Group was launched in September 2015 to assess industry interest and align on scope before moving to GSMP.
Global Traceability Standard – GTS1

Current offering

1. GTS1.3 – “Only as strong as the weakest link”

- GTIN/SGTIN/BATCH
- SSCC (Serialised Shipping Container Code)
- EDI
Global Traceability Standard – GTS2
GS1 scope of work – initial improvements

Enable seamless full-chain traceability with an application standard that is:
• Simple and user-friendly methodology
• GS1 standards-based
• Industry-agnostic
• Inclusive of events (load, unload...)
• Inclusive of EPCIS
• Enables real time capacities and interoperability
Global Traceability Standard – GTS2
GS1 scope of work - future

Validate/ensure discovery across EPCIS databases (incl. introduction) 

“DS” = Discovery Service
Milestones and plan

**GTS2**
- **Now through early October:** Pre-work – before I&S Event
- **Early October:** I&S – gain alignment on the scope and detail of the Work Request
- **October to mid—November:** Develop the strawman GTS2 methodology into a full draft
- **Mid-November through December:** Industry/community alignment around draft methodology and business case/work request
- **January through March:** GSMP work to approve GTS2 application standard

**EPCIS – Discovery**
- **October and November:** EPCIS expert gap
- **December:** Full gap analysis and interoperability evaluation available for review
- **Early 2017:** Accelerated work as needed to address gaps
Global Data Synchronisation Network (GDSN)
## GDSN current figures

<table>
<thead>
<tr>
<th></th>
<th>1 July 2016</th>
<th>23 Sep 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active data pools</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Trading partner GLNs</td>
<td>39,721</td>
<td>39,805</td>
</tr>
<tr>
<td>Subscriptions matched by item</td>
<td>55,519,437</td>
<td>72,119,233</td>
</tr>
<tr>
<td>Registered items (GTINs)</td>
<td>20,805,904</td>
<td>21,396,875</td>
</tr>
</tbody>
</table>
### GDSN Major Release Lessons Learned

<table>
<thead>
<tr>
<th>✓ It is not possible to over communicate</th>
</tr>
</thead>
<tbody>
<tr>
<td>- DPs, MOs, TPs, Community, etc.</td>
</tr>
<tr>
<td>✓ Websites are critical and we need to have them available earlier and be more responsive</td>
</tr>
<tr>
<td>✓ Documentation</td>
</tr>
<tr>
<td>- Need better focus on accurate and timely documentation</td>
</tr>
<tr>
<td>- Need system that keeps documents synchronized by design</td>
</tr>
<tr>
<td>✓ Need to stand firm on dates</td>
</tr>
<tr>
<td>- Requires early agreement on future release schedule</td>
</tr>
<tr>
<td>✓ DP Technical Review</td>
</tr>
<tr>
<td>- Need developers to engage earlier in the process, feedback comes too late otherwise</td>
</tr>
<tr>
<td>✓ Traceability/Tracking</td>
</tr>
<tr>
<td>- Clearly documenting all requested changes</td>
</tr>
<tr>
<td>- Make all documentation easier to find</td>
</tr>
<tr>
<td>✓ Resource Alignment</td>
</tr>
<tr>
<td>- Leveraging and optimising tools</td>
</tr>
<tr>
<td>- Better leveraging of people that can help</td>
</tr>
</tbody>
</table>
Alibaba fun facts

Value of goods sold on Singles Day was $14.3 billion

Value of goods sold per annum $463 billion

434 million users

190 countries contain Alibaba buyers

8.5 million sellers

12.7 billion annual orders

September 2016, Alibaba, GS1 China and GS1 Global office issued a press release stating:

- Invited brand owners to adopt GS1 standards for product information management and use Global Trade Item Number (GTIN) for uniquely “identifying” their products in global e-Commerce
- Users are encouraged to join the Global Data Synchronisation Network™ (GDSN®) for online exchange of product information
- Alibaba strongly believe that the GDSN® and GS1 standards will provide accurate and complete product information, for both upstream and downstream (supply and sales enterprises)
- All e-Commerce trading platforms of Alibaba Group will actively expand the application scenarios of the GS1 standards and adopt GTIN as product identifier
Industry Engagement in Action

Marianne Timmons
GS1, President, Industry Engagement
Global Office Industry Engagement

Our role

• Provide global leadership across industries
• Support GS1 Member Organisations in driving local adoption and usage of GS1 standards, services and solutions
• Connect the MO community and promote collaboration between markets
• Represent GS1 interests amongst global associations

GS1 global sectors

Exploration:
- Financial Services
- Humanitarian Initiatives
2016-2017 Industry Engagement highlights

- UniqueID
- GS1 SmartSearch
- GS1 Membercheck
- Traceability

- Omni channel: Last mile
- Rail MRO
- Ports and maritime

- Project Imagine
- UDI
- Strategic Partnerships
- World Class Events

- Introducing Technical Industries
Retail priorities

Don’t miss these Retail sessions

**GS1 UniqueID**
Making the rules for GTIN Management and the sharing of data about minor product changes simpler and more effective.

**GS1 SmartSearch**
Making it easier to keep information about products visible across search engines, websites and social media.

**GS1 Membercheck**
Making it possible for retailers to quickly check the validity of a Global Company Prefix (GCP) globally.

**GS1 Traceability**
A multi-sectoral effort to enable seamless full chain, event based traceability and EPCIS interoperability.
Retail priorities

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A multi-sectoral effort to enable seamless full chain, event based traceability and EPCIS interoperability.

Don’t miss these Retail sessions

- Tue. 11:00: Traceability Interest Group
- Tue. 13:45: Omni-Channel: GS1 SmartSearch
- Wed. 09:00: Fresh Foods Workshop
- Wed. 09:00: High-Speed Barcode Printing
- Wed. 09:00: Omni-Channel Last Mile Challenges
- Wed. 13:45: Apparel & General Merchandise Industry Workshop
- Wed. 13:45 & Thu. 09:00: UniqueID Consumer Product Variant Data Sharing
- Thu. 09:00: Apparel MO Interest Group
- Thu. 09:00: Foodservice Engagement Workshop
- Thu. 13:45: Foodservice Engagement Training (MO)
- Thu. 13:45: Omni-Channel MO Interest Group
Healthcare priorities

Project Imagine - Engaging Healthcare Providers
Providing the tools and materials to engage even more healthcare providers to use GS1 standards.

Unique Device Identification (UDI)
Continuing activity as an Issuing Agency for US FDA, including re-accreditation. EU UDI legislation expected January 2017.

Strategic Partnerships
Further intensifying relationships with the International Hospital Federation (IHF), International Society for Quality in Healthcare (ISQua) and European Association of Hospital Pharmacists.

World Class Events
Healthcare

Don’t miss this Healthcare event

**Global GS1 Healthcare Conference**
25-27 October 2016, Beijing, China

Project Imagine - Engaging Healthcare Providers
Providing the tools and materials to engage even more healthcare providers to use GS1 standards.

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World Class Events
Transport and Logistics (T&L) priorities

Omni-channel Last Mile
The consumer is in power and traditional T&L is failing to meet consumer needs. GS1 standards are helping T&L implement a new approach to meet those needs, e.g. simplifying order delivery and returns.

MRO in Rail
Providing a common language and common identification across all stakeholders will help make the rail industry more competitive, enhance Manufacturing and Maintenance, Repair & Overhaul (MRO) operations across borders, as well as increase reliability and improve safety.

Ports and Maritime
“The shipping industry has to think about how it can use technology ... where it can take cost out while providing more shipment visibility and better services.” GS1 enabling collaboration in ports and across oceans worldwide  Dr. Frank Appel, CEO Deutsche Post DHL
Transport and Logistics (T&L) priorities

Omni-channel

The consumer is in power and traditional T&L is failing to meet consumer needs. GS1 standards are helping T&L implement a new approach to meet those needs, e.g. simplifying order delivery and returns.

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Ports and Maritime

“The shipping industry needs to think about how it can use technology ... where it can take cost out while providing more shipment visibility and better services.”

Dr. Frank Appel, CEO Deutsche Post DHL

Don’t miss these T&L sessions

- Tues. 11:00: Transport and Logistics in the Digital Age
- Wed. 09:00: Omni-Channel Last Mile Challenges
- Thu. 09:00: Repair and Overhaul (MRO) in Rail MSWG
Introducing: Technical Industries
Introducing: Technical Industries

Don’t miss these Technical Industries sessions

Tue. 13:45: Gaining Interoperability in the Digital Economy

Wed. 09:00: Technical Industries Advisory Group
Auto-ID Labs: from research to industry action

- Experience first hand, cutting edge technologies and research: **13 presentations across 8 workshops**
- Transfer research results from Labs to everyday operational practice
- Injecting breakthrough research from Labs to solve industry problems

IE sectors

Research insights

Customer insights

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The Global Language of Business
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Thank You!

More info at:
www.gs1.org/industries
GS1 UniqueID
Hi.
GS1 UniqueID
Simpler and more effective GTIN Management rules.
From 46 to 10.
146 days.
What did we do differently?
What can we learn?
What’s next?
Our panel...

Erin Riggs
Associate Trade Standards Director
P&G
Pandora’s Box
Take Action
Our panel...

Lori Bigler
Director, Industry Initiatives and Standards
The J.M. Smucker Company
Our panel...

Sue Schmid
Head of Customer Relations and Standards Office
GS1 Australia
Our panel…

Lori Bigler
Erin Riggs
Sue Schmid
Pre-work.
Optimised time investment.
Doing the “heavy lifting”.
Accelerate...face-to-face.
Planning for adoption.
Speed of business.
Pre-work.
Optimised time investment.
Doing the “heavy lifting”.
Accelerate...face-to-face.
Planning for adoption.
Speed of business.
Questions?
Thank you.
GS1 Standards Awards

Recognising outstanding people behind the process
We asked the GS1 Community, who...?

- **significantly** impacted the development or adoption of GS1 Standards
- **passionately** promotes the benefits of GS1
- is a **generous** source of industry knowledge and leadership
- **tirelessly** participates in many GS1 working groups

9 excellent nominees were received

3 outstanding people were selected by the Board Committee for Standards
GS1 Standards Award Winner

- A long time contributor to GS1 and the GSMP process since 2000
- Passionate about supporting GS1 Standards
- An excellent representative for her company and her industry
- Recognised as an authoritative leader in the retail industry who supports GS1

Lori Bigler
The J.M. Smucker Co.
GS1 Standards Award Winner

• Over a decade of participation in GS1 and EPCglobal groups, local and global
• Generously contributes knowledge and expertise authoring many GS1 standards
• A tireless ambassador of GS1 who educates business and technical people on how GS1 standards work in a simple, easy to understand way.

Ken Traub
Ken Traub Consulting LLC
GS1 Standards Award Winner

- Over 20 years participation in GS1 working groups, local and global
- Generous contributor to GDSN, Data Quality, EDI, GTIN Management Standards and numerous implementation guidelines
- Passionate GS1 advocate within his company and the retail industry
- Recognised leader in the GS1 community who helped shape the GSMP process

Hanjörg Lerch
METRO Group
Enjoy the week!

<table>
<thead>
<tr>
<th>Ask questions</th>
<th>Share experiences</th>
<th>Seek new ideas</th>
<th>Have fun!</th>
</tr>
</thead>
</table>

The Global Language of Business
Tonight! Networking Dinner tonight at La Tentation

Meet in the Crowne Plaza lobby 18:30 for bus departure
Enjoy great networking, delicious cuisine and a live swing band
Save the date!

GS1 Standards Event 2017

20-24 March
Jersey City, NJ USA

Building standards to deliver business value