What happened at the 2016 Industry & Standards Event?

Executive summary of main accomplishments

In Brussels, Belgium from 3–7 October 2016, 340 people from 32 countries worked together at the GS1 Industry & Standards Event to transform business at a record speed and pace.

Thanks to the commitment and energy of everyone present, the week was incredibly productive and successful.

Here is a brief summary of some of the key achievements.

MONDAY, 3 OCTOBER 2016

Standards Development University

This year's Day-1 Standards Development University continued the tradition of ensuring that attendees had the opportunity to ask questions and receive important updates about the activities and sessions of the week ahead. The session included a full overview of the Industry Engagement function of GS1. There was excellent discussion and exchange, and we are confident participants ended the session prepared to get the most out of their presence.

Retail & Foodservice Industry User Groups

Industry User Groups, led by GS1 Member Organisations (MOs), are one the best ways for us to identify needs and promote adoption of GS1 standards. This session gathered local Retail & Foodservice User Groups to share best practices and get support for starting, managing and growing User Group across the GS1 MO community. The significant participation from GS1 Industry Engagement leaders around the world was a testament to this importance of this topic.

Tagged Item Performance Protocol (TIPP) Mission-Specific Working Group

Participants came to an agreement that the documents currently in progress will be moved to community review. Industry Engagement will move forward with preparing a value proposition focusing on Tagged Item Performance Protocol (TIPP) for solution providers. We collected excellent input as a starting point to this new value proposition. The group also came to agreement that support and adoption through solution providers is critical to our success in this space. Lastly, we identified the need to focus on trainings for GS1 Member Organisations and an ongoing alignment with the RAIN RFID global alliance.

Consumer Packaged Goods (CPG) Member Organisation Interest Group

At this new session, we focused on hearing updates from across our global community on topics related to one of our most core sectors. Time was used to begin an interactive exercise that focused on prioritisation of topics to be discussed and explored in the coming months in the new CPG MO Interest Group.

Identification Standards Maintenance Group

Work was so focused and efficient in this group that its participants were able to complete their agenda in one day rather than the customary two days, providing them with the opportunity to provide their expertise to other Working Groups. We successfully motioned two standards work to community review and one to eBallot. To wrap up the session, we conducted a breakout session to help identify pain points and suggestions to improve ID SMG. There will be an action plan to implement the improvements.

Global Data Synchronisation Network (GDSN) User Group

Participants reviewed the proposal for the GDSN Release Methodology. Work on finalisation will continue in the subgroup. The GDSN Operations guide was reviewed and will be published on the website. The User Group also agreed to update the Extended Attribute process. The User Group formed subgroups to help understand some elements for consideration about prioritisation of Work Requests for a release. The output from the subgroups will be used by the GDSN Release Methodology team.

Traceability Interest Group

Wide agreement was reached around the need to review our Global Traceability Standard (GTS), and to include an event-based traceability approach and EPCIS into a new GTS2 Standard. It was further agreed that a first draft of GTS2 must be developed, in order to start getting feedback across GS1 sector communities by the end of the calendar year. Please join the GS1 Traceability Interest Group if interested.

UniqueID: GTIN Management Training for GS1 MOs

This session was delivered by MO experts from Australia, Brazil and the UK on the topic of the new GTIN Management Standard. The focus was on ensuring that attending GS1 MOs had the opportunity to ask questions and to take away a thorough knowledge of the subject, so that they could better deliver trainings on the same topic once they returned home to their Member Organisations.

TUESDAY, 4 OCTOBER 2016

Plenary Session for all event attendees

Industry & Standards Event attendees gathered in the main room heard important updates from the GS1 global leadership team, as well as an engaging and interesting discussion by a panel of industry leaders on the value of moving at the "speed of business." We discussed the importance of efficiently leveraging the valuable time of industry leaders during all phases of the standards development process. We considered the importance of leveraging the GS1 community early in the process of standards development to ensure we are planning for adoption ease and simplicity. We were challenged to continue to increase our efficiencies and to go farther together, faster.

Omni-channel: GS1 SmartSearch

Participants in this session noted that exceptional interest exists across the global community to begin local, regional and global implementations of GS1 SmartSearch. We heard about real results and real successes, and we had the opportunity to work together as a community to figure out how to best share these successes around the world through even more complete training materials and tools.

Technical Industries Workshop

This session featured various presentations describing our first success stories in this new GS1 sector. Schaeffler presented their case study; Bosch pointed out the need for standards in the world of sensors; and the audience was presented an innovative use case (Speedy Services) currently in construction. Cambridge Auto-ID Lab illustrated the tight link between GS1 standards and Smart Industry, while GS1 Australia and GS1 Germany presented their successes in mining, rail and machine engineering. All these successes once again showed the participants how closely linked the sectors' challenges are.

Transport & Logistics in the Digital Age

Representatives from rail, ports & maritime and air transport discussed with shippers and freight forwarders how GS1 standards help them with the digital transformation of their processes, in order to achieve visibility and ultimately provide better services to their customers. Highlights: presentations by IATA, DSV (freight forwarding), Maersk (Container carrier). In a block devoted to innovation, Scandit explained the potential of ordinary smartphones for professional scanning operations, providing superior performance against lower TOC.

Industry Engagement Steering Committee (IESC) Meeting

Our dynamic governance team, composed of representatives from industry and GS1 Member Organisations, discussed and reviewed ways of better preparing incoming projects for potential standards development. Key presenters discussed the role of the Architecture Group (AG) and how the AG can provide input to the process with regards to our architecture principles. A presentation was given to inform the committee on what is happening with UniqueID-Consumer Product Variant Data Sharing and the GTS2 Traceability work and enable discussion to help progress forward in a way that would most efficiently allow the work to flow through the Global Standards Management Process (GSMP). There were also significant conversations on how we can further deploy our new published standards with the companies participating in the working groups.

GS1 EDI Standards Maintenance Group

Major event sponsor **Esko** made a presentation about the Collaborative Packaging Artwork Standard, and led the group in a discussion and exchange. The participants then reviewed several eInvoicing projects in Europe. The GS1 EDI XML Validator project was presented by Philips and GS1 Netherlands. A fruitful discussion was held on the release of a new version of EANCOM 2002 based on the latest UN/EDIFACT Directory.

Innovation Network Meeting

We discussed progress within the Innovation Network, including recent results on the future of AIDC, GS1 and the Internet of Things, and image recognition. GS1 Portugal shared their experience weaving innovation into their daily operations. Other presenters shared their vision of the value of blockchain, virtual reality and new approaches to standards documentation.

Lunch & Learn: Public Policy Panel Discussion

Two presentations and the subsequent panel discussion covered region wide government initiatives in Europe and Asia-Pacific. The EU Joint Initiative on standardisation introduced aims to meet the current economic challenges and further contribute to creating jobs and growth, the Joint Initiative sets out concrete actions to further drive innovation, raise awareness of the importance of standards, and improve the representation of European SMEs' interests internationally. The other initiative focused on supply chain efficiencies in Asia-Pacific. In any international transaction of goods, a range of information needs to be exchanged between various parties as the goods move along the supply chains and the APEC Global Data Standards initiative and the pilot projects presented aim to make supply chains more efficient and lower supply chain cost and time.

WEDNESDAY, 5 OCTOBER 2016

Technical Industries Advisory Group Meeting

This invitation-only, face-to-face edition of our regular monthly meetings covered many additional themes beyond our regular topics, such as synergies with the MRO in Rail initiative, the potential need for new standards, and our goal to define a clear strategy moving beyond 2017.

Apparel & General Merchandise Industry Workshop

Participants in this workshop saw important presentations from industry leaders, including a panel discussion, an exchange on the need to improve data quality and insights into the relevance of GS1 SmartSearch in apparel. Everyone expressed interest in learning more about each of the presented topics, and the group prioritised its work for the coming months.

Omni-channel: Last Mile Challenges & Opportunities

Representatives from user companies and GS1 MOs discussed pain points and challenges in last mile distribution, and how GS1 standards can help. Highlights: presentations by EcoCity (city hubs) & GS1 France (collaborative routing centres) showed how SSCC, GS1 XML, EPCIS and more help to enable smarter bundling of deliveries. eCommerce Europe showed the progress on the CEN standard "Harmonised Parcel Label", the SSCC will be used as end-to-end Parcel-ID and enable visibility of parcels across postal and parcel networks. With a focus on actual implementations, the session featured good exchange and collaboration across all participants.

UniqueID – Consumer Product Variant Data Sharing

Industry and member organisations met and outlined requirements and uses cases for the consumer product variant, and developed the foundation for further industry outreach and analysis. The industry solution for consumer product variant is something the industry needs urgently, and the processes of GS1 are flexing to operate at speed of business.

Fresh Foods Workshop

This session saw leaders of our fresh food communities around the world collaborating and prioritising the work of the coming months, with a particular focus on identifying supply chain efficiencies from grower to

consumer. The GS1 fresh food community is focused on sharing local implementations and on raising awareness of regulations, industry trends and special projects.

EPCIS

The team outlined the implementation guideline to support the newly ratified v1.2 of EPCIS. Workgroup members supported sessions of GTS2, which will focus on inclusion of event-based traceability in a revised GS1 Traceability Standard. Members such as GS1 Germany, Bosch, the EECC and GS1 Poland shared implementation success stories of EPCIS around the globe.

GS1 Global Product Classification (GPC) Standards Maintenance Group

During this productive session, we processed 13 GSMP Work Requests through to Community Review, completed development of Phase 1 of the GPC Cultivated Crops (UN Sustainability) classification and provided training on efficient GPC Work Request submission.

GS1 EDI Advisory Team Meeting

The EDI Advisory Team progressed the new EDI Strategy by revising the current text and reviewing related development such as GDSN, EPC IS and the Innovation network. The group also agreed on improvements to both the EANCOM and GS1 XML documentation that now will be processed through the GSMP process. In addition, the widely awaited Guide on GS1 Keys in EDI messages was agreed.

GDSN Validation Rules Sub-team Meeting

Participants brainstormed and agreed on focus areas to improve speed to market, discussed ways to improve quality and prioritised GSMP Work Requests yielding highest user value. Significant progress was made reducing the backlog of Work Requests that built up during work on the GDSN Major Release.

MRO in Rail Mission-Specific Working Group

Over the course of the two day session, 60 participants representing rail operators (including SBB–Swiss Rail, DB-German Rail, Network Rail UK), manufacturers (including Siemens, Alstom, HFG Transport), solution providers and GS1 MOs (including the T&L Lead from GS1 Australia) actively contributed to the finalisation Application Standard for Identification and Marking of MRO objects in Rail and shared business cases. The team approved the motion of the application standard to Community Review. Participants dedicated a significant amount of time developing an Industry Engagement deployment plan that will help bring the ratified standard to market and drive immediate implementation. This important engagement and standards development work will help further grow GS1's relevance in new modes within our GS1 T&L activities and support the Technical Industry business case for GS1.

High-Speed Barcode Printing (HSBP) Mission-Specific Working Group

During this session, the working group approved the new standard for high-speed barcode printing. This standard is now positioned for ratification. The session also included exploratory conversations on the topic of the future of barcoding in retail, and on our training and communications efforts.

Working Group about the new GTC Materials for GS1 MOs

First-time session with traceability auditors using ideation methods to update training materials impacted by the new GTC Checklist. The brainstorming ideas were then streamlined through the 8 Fields-Model, a training methodology to build these into the GTC training materials. Key output: Simplification of audit materials.

Solutions Provider Dinner

The discussions held during this over dinner were lively and transparent. The importance of our Solution Providers as ambassadors to GS1 and their ability to help us penetrate deeper into existing customers and expand our market coverage was highlighted. Many ideas were shared. The passion to help GS1 was very exciting!

THURSDAY, 6 OCTOBER 2016

Apparel Interest Group for GS1 MOs

Participants in this constructive session reviewed the value proposition for vertically integrated retailers and had a good discussion on traceability and GTS2 for apparel. We also discussed topics of focus for the future.

Omni-Channel Interest Group for GS1 MOs

During this session, we focused on updates on a variety of topics, including global industry trends, GS1 SmartSearch, GS1 MemberCheck, GS1 UniqueID and Restricted Circulation Numbers. We also set our priorities for the coming months.

Foodservice Engagement Workshop

In this workshop, we explored new topics for GS1 Member Organisations that are planning engagement conversations across this sector. We looked at industry feedback and linking this feedback to the need for standards to solve business challenges. Additional exchanges covered how to develop clear ROI calculations, handle challenges to adoption and create engaging communications and stories to better connect with industry.

EPC Tag Data Standard (TDS) 1.10

The working group continued revision of the TDS specification to increase its versatility for applications of EPCIS and EPC/RFID. Publication of TDS 1.10 is expected in early 2017.

Architecture Group

Participants worked mainly in sub-teams, addressing important topics including the complementarity between EDI and EPCIS, the serialisation of trade items, the definition of a position on 2D barcodes at points of sale, GS1's relations with solution providers, the authentication and authorisation access to GS1 services and innovative ways to address the discovery of data resources. Concrete action plans were agreed to finalise deliverables on these topics in the near future.

Joint GEPIR & GLN Service Update

We logged a variety of accomplishment here, including a full debrief on the initial learnings after the deployment of GEPIR 4.0. We agreed to develop a test process with test scripts for the current technical specification as a benchmark for future major releases. We also discussed the need to define 'operational alignment' for the GEPIR network

Global Sustainability Network Initiative Meeting

This initiative, formerly called the Blue Number initiative, went very well and created a lot of interest and discussion on how GS1 can help our MOs support our retailers and suppliers in their quest for greater upstream supply chain visibility.

Auto-ID Labs Meeting

Auto-ID Labs directors met with GS1 leadership and brainstormed on furthering research in the innovation areas identified as key for GS1. Beyond this standalone meeting, Auto-ID Labs researchers made 13 presentations across 8 different workshops during the Industry & Standards Event, delivering insights relevant to industry focus.

Standards Development University Sharing Session for GS1 MOs

Attendees learned more about the IP Contributions Declaration agreement that was launched during the Industry and Standards event as presented by Global Office legal counsel. The benefits and background of using this new IP document sparked much interest. Our Member Organisation from the UK presented how they deployed the UniqueID standard and provided helpful advice to other Member Organisations. We also shared the current status of deliverables against the Standards Journey session at the 2016 Global Forum.

SAVE THE DATES FOR THE 2017 EVENTS

Help build standards to deliver business value:
Join us at the GS1 Standards Events 2017
20-24 March 2017
Jersey City, New Jersey
USA

Transform business together with your peers:
Join us at the GS1 Industry & Standards Event 2017
09-13 October 2017
Europe

Watch for details at www.gs1.org/standards-development

GSMP IN A NUTSHELL

The GS1 Global Standards Management Process (GSMP) pairs efficiency with consensus-building to develop standards that address real business challenges.

GSMP is a collaborative forum for creating standards, guidelines and other materials to serve our global users.

Through the GSMP, businesses facing similar problems work together to develop standards-based solutions.

As a neutral party, GS1 facilitates dialogue between participants from nearly 60 countries who work in sectors including retail, consumer goods, fresh foods, healthcare, transport & logistics and government.

Learn how we develop standards, find out what GS1 global work groups are developing, and see the different ways you can get involved by visiting our website at http://www.gs1.org/standards-development.