



The Global Language of Business

What happened at GS1 Standards Week 2021?

Executive summary of top accomplishments



Held virtually, 25-27 May 2021, 413 people from 64 countries worked together at the GS1 Standards Week to *transform business together*.

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.

TUESDAY, 25 May 2021

GDSN (Global Data Synchronisation Network) User Group

During the meeting, we reviewed the new GDSN Data Quality Strategy. We also reviewed the GDSN Customer Satisfaction Survey results and plans with data pools to partner together and improve satisfaction. In addition, trading partners Carrefour and Land O'Lakes shared their respective GDSN implementation stories with the community. Procter & Gamble led a discussion about online descriptions. University Hospital Schleswig-Holstein led a discussion on Unit of Use, and GS1 France and the GDSN Certified Data Pool led a discussion on Catalog Item Confirmation warning messages. Other topics included updates on the Global Data Model and the GDSN release schedule. Prioritisation of old work requests and proposed implementation dates were also reviewed. All meeting notes and actions will be posted in the GDSN User Group Community Room.

GSMP EPCIS & CBV 2.0 Mission Specific Work Group (MSWG)

The core team welcomed several work group newcomers and continued to resolve open issues around topics ranging from sensor data to ontology and validation. EPCIS/CBV 2.0 enhancements include support for JSON(-LD) syntax, REST API, GS1 Digital Link URI syntax as an alternative to EPC URNs, detailed sensor data, browsable Linked Data models and integration with the GS1 Web Vocabulary. Publication is anticipated in Q3 2021.

GSMP Identification Standards Maintenance Group (ID SMG)

This was a special ID SMG session dedicated solely to continuous improvement of the GS1 General Specifications standard (Gen. Spec.). The members shared their perspective and ideas as manufacturers, solution providers and member organisations regarding the proposed changes. David Buckley, GS1 Global Office, shared the HTML version of Section 6 Symbol Placement Guideline to be referenced and extracted from the Gen Spec. There was consensus to this phased approach as this will make the standard leaner and easier to navigate. There will be further discussion on removing figure numbers, updating pictures and meta data information. Dan Mullen, GS1 Global Office, shared the Barcodes & Identification Technical Group feedback regarding the improvements identified in Section 5: Data Carrier Specifications. There was consensus on updating the Symbol Specification Table, introduction and fixing the decision tree tool.

WEDNESDAY, 26 May 2021

GSMP Electronic Data Interchange (EDI) SMG

The EDI SMG was attended by over 70 individuals from a very broad geography. In this session, updates and information were provided on GS1's two main EDI standards: EANCOM and GS1 XML. The EDI SMG sub team discussed the plans they had for semantics, along with the new code list maintenance policy with roles, responsibilities, and next steps. The initial results of the EDI Survey 2021 were shared. A strategic discussion on blockchain and EDI took place, and an agreement was made that EANCOM Release 2021 should focus on updated code lists only.

GSMP Scan4Transport MSWG

This session was dedicated to sharing recent pilot results and the impacts to the deliverables. Michiel Ruighaver, GS1 Australia, provided the pilot report and shell of the project report. Dan Mullen, GS1 Global Office, shared the impacts to the S4T implementation Guideline. Mark Harrison, GS1 Global Office, started initial geocoordinates discussion. Next steps: The S4T Implementation Guideline will be updated to motion for community review on next teleconference of this group, 16 June.

GSMP Digital Signatures MSWG

This session was intended to gain feedback from participants concerning proposed solutions for digital signatures. This feedback was valuable because it simplified and helped visualise technical solutions. Two demonstrations were given: Bertus Pretorius, Tonnjes, demonstrated Tag ISO/IEC20248; and Mark Harrison, GS1 Global Office, demonstrated JSON Web Signatures. The members provided enhancements about which data needs to be digitally signed and which other security markings were needed. The team members will provide final feedback by 10 June to help deliver the following: GS1 Web Vocabulary update, GS1 authentication details, an extra link type for JSON web signature, and an application identifier (AI) for ISO/IEC 20248 data structure.

GSMP Global Data Model (GDM) – Global Team

During the session, Markus Mueller, GS1 Global Office, gave a brief update on the GDM Programme and emphasised the importance of the local layer submissions to the global standard. Technologists and subject matter experts shared exciting new tools and templates to expand and enable global adoption of the GDM Standard. Announcements of upcoming European Union (EU) regional kick-off meetings and translation capabilities of GS1 standards were featured. The session concluded with a forward-looking discussion on enhancing the standard with clustering or tagging GDM attributes around product life cycle activities, such as verification, listing or selling.

GSMP TDS/TDT 2.0 MSWG

This new work group's kick-off session underscored its high-level objectives, including simplification of EPC encoding syntax within GS1's EPC Tag Data Standard (TDS) to align with GS1 2D barcodes and Digital Link syntaxes. The result will be increased ease of use and native interoperability between the different pieces of GS1's identify/capture/share portfolio. Underneath the EPC modernisation umbrella, the TDS/TDT 2.0 MSWG's efforts are complemented by the EPC UHF Gen2 v3 MSWG running in parallel.

THURSDAY, 27 May 2021

EDI Advisory Team (Team members only or by invitation)

The session of the Advisory Team focused on two main topics: the new EDI code lists management policy and the results of the EDI usage survey 2021. Roman Strand, GS1 Germany, presented the EDI code lists management policy document produced by the dedicated task force. After discussion of some suggested updates from team members, the group approved the document for publication. Piergiorgio Licciardello, GS1 Global Office, presented to the team some first outcomes of the 2021 survey on EDI usage. The group decided to examine the results in more detail during the next call. How to investigate these results in the future will also be a topic of discussion.

GSMP GLN Modernisation MSWG sub team

During this session, the team's accomplishments to date were reviewed, that being; completion of the General Specification Change Notification (GSCN) for Global Location Number (GLN) Non-Reuse, the GLN Allocation Rules in final stages of completion with eBallot being the last step, and both the GLN GSCN and GLN Data Model solution document in the final stages of completion. During the call, the team made updates to the GLN GSCN and the GLN Data Model Solution document. The team was informed that once the Data Model solution document is complete, it will be motioned to a 4-week public community review. It is the goal to motion both documents to community review during the next team call.

GSMP Images, Digital & Electronic Assets (IDEAs) SMG

The IDEA SMG was attended by individuals from all over the world who discussed the benefits that arise from the consistent, global implementation of all stakeholders related to implementing the GS1 image-based standard and guideline. There was a discussion on the emerging industry requirements for 3D images, as well as upcoming GSMP work requests resulting from the successful French pilot leveraging metadata on product images. Questions were asked about driving adoption of Mobile Ready Hero Images: what has worked and why? Options to better engage image recipients and capture their requirements were suggested, and an agreement was made concerning broad work streams for upcoming meetings.

EDI Semantics Methodology sub team

The first part of the session was dedicated to informing attendees about semantics and the EDI Semantic Methodology sub team. Andrew Hearn, GS1 Global Office, shared with the team the GS1 overall vision and initiatives on the application of a semantic approach to the Global Standards Management Process (GSMP). Piergiorgio Licciardello, GS1 Global Office, described the goals and expected deliverables of the EDI Semantic Methodology sub team, and a more detailed presentation of the content of the EDI Semantic Methodology and Semantic Data Dictionary has been provided by Karina Duvinger, GS1 Global Office, and Adrien Molines, GS1 France. Miklos Bolyky, GS1 Global Office, reported the status of the proof-of-concept on digital receipts, and applying semantic methodology on JSON-LD technology. The second part of the session was dedicated to the work on the Invoice Semantic Document Specification.

GSMP EPC UHF Gen 2 V3 MSWG

This new work group's kick-off session underscored its high-level objectives, including to optimise the air interface based on lessons from the field, to increase interoperability between the different pieces of GS1's identify/capture/share portfolio and to make RFID implementation and use easier and to prevent proliferation of proprietary custom features. The UHF Gen2v3 MSWG will work in parallel with the TDS/TDT 2.0 MSWG to develop technical revisions to modernise the EPC "suite" of standards.

GSMP Global Product Classification Standards Maintenance Group (GPC SMG)

During the GPC SMG session, we heard from representatives of GS1 Brasil who discussed how industry uses the GPC Standard in Brasil. Global Office representatives supporting Verified by GS1 shared that GPC is one of the core attributes needed to uniquely identify items and representatives from Metro and Nestle discussed their findings on how the GPC Standard can be modernised or simplified for use by multinationals. The group was introduced to an example of a new schema in process and a plan to modernise GPC so companies have an improved global standard that allows for better global consistency and an improved common language. The new GPC tool in development was demonstrated showing new and simpler ways for countries to translate the GPC standard into their own language. The GPC team also motioned several work requests to community review, publication and the May 2021 publication will enter eBallot.

JOIN THE WORK GROUPS

Join a Global Standards Management Process (GSMP) work group to continue participating and for access to presentations and meeting minutes from the event. Visit the website:

<https://www.gs1.org/standards/development-work-groups>

CONTACT US

Please contact us for assistance or questions at GSMP@gs1.org.

NEXT EVENT

GS1 Industry & Standards Event – held virtually | Date: 13 – 16 September 2021

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 around the world who work in sectors including retail, consumer goods, fresh foods, healthcare, transport & logistics and government.

Learn how we develop standards and stay informed about standards development progress and releases at <http://www.gs1.org/standards-development>.