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Updates in Standards Development

We are very enthusiastic about the continued momentum by the GS1 EPCglobal community to build upon the foundation of EPC and Visibility related standards. The working groups are focused on key processes which can be transformed using the technology in a standardized way. The work will be progressed by the following groups at the upcoming GS1 Joint GSMP - JAG Meeting in Los Angeles:

- Returnable Transport Items (Pallet Tagging)
- RFID based Electronic Article Surveillance (Phase 2)
- Consumer Electronics End of Life
- Tag Alteration
- Application Level Events (ALE)
- HAG Active Tagging ad hoc Committee
- Transportation and Logistics 3 Pilot Program with the involvement of Japanese and Dutch Customs as official observers

The GS1 EPCglobal Standards Development Process (SDP) Version 1.5 was approved by the EPCglobal board. The SDP is a set of procedures and guidelines that the EPCglobal community has used to create business requirements and the subsequent technical standards and guidelines that support those business requirements. Updates to Standards Development Process version 1.5 are a foundation for the a more integrated approach to standards development in GS1.

The key updates or additions to the SDP version 1.5 compared to earlier versions could be summarized as follows:

- Give GS1 Member Organizations the right to vote in Working Groups, Joint Requirement Groups and Industry Action Groups
- Add GS1 Architecture principles
- Extend the Technical Action Groups (TAG) co-chair terms from 1 year to 2 years
- Map the Last Call Working Draft (LCWD) of technical specifications to JRG produced business requirements

DATES FOR YOUR DIARY:

Our GS1 Joint GSMP - JAG Meeting

23 to 27 March, 2009 Los Angeles, USA



- Complete and make all forms and templates available on the EPCglobal Website
- Add the Repository Naming Conventions, URI in GS1 EPCglobal Specifications and contribution to standards supplemental documents

The first GS1 Joint GSMP - JAG Meeting in Los Angeles, USA from 23 to 27 March 2009



Join the GS1 Community in “Moving forward together, to serve your business better”:

- A unique opportunity to join this group of experts and professionals striving together to improve efficiency and security of the supply chain, for the benefit of businesses and improvement of peoples’ lives.
- GS1 and GS1 EPCglobal share a common mission of leading the global community to develop and implement global standards for improving efficiency of the supply chain.
- As RFID and Bar Codes are complementary technologies which can be used together optimizing the value of both, the standards around them need to be developed to assure interoperability.



- GSMP and GS1 EPCglobal have been serving different communities for differing standards needs. These communities are brought together now in order to ensure full alignment and complementarities between them with a focus to better serve the business needs.

Public Policy Steering Committee (PPSC)

U.S. State Legislative Update

Over the last few years, draft RFID legislation at the state level in the United States has become more prevalent. This trend continues in 2009 as many states have introduced legislation that would place new restrictions on EPC/RFID technology.

The EPCglobal Public Policy Steering Committee Manager, Daniel Romm, recently testified in opposition to legislation in New Hampshire along with EPCglobal subscribers David Husak from Reva Systems and Robert Pernice from Nashua Corporation. We are grateful for the participation of our subscribers in the legislative process and encourage everyone who is interested in participating in state government relations to contact Daniel Romm at dromm@epcglobalinc.org. Daniel can also provide a complete list of pending state legislation or answer additional questions you may have.

Project Pure Update

On 11 February, 2009 at a U.S. House of Representatives hearing (Committee of Science and Technology) on “Electronic Waste: Investing in Research and Innovation to Reuse, Reduce and Recycle” there were two participants from EPCglobal’s Project Pure on the panel giving testimony. Both made positive comments about the use of RFID’s ability to improve e-waste management. This is some of the most important work our community can do as it illustrates a clear societal benefit along with the business case for the EPC technology. To obtain a copy of the committee transcript please visit: http://democrats.science.house.gov/Media/File/Commdocs/hearings/2009/Full/11feb/Hearing_Charter.pdf.

2nd Trans-Atlantic RFID Symposium - Brussels, Belgium

GS1 EPCglobal, along with the European-American Business Council, the Trans-Atlantic Business Dialogue, the U.S. Department of Commerce and the European Commission will host the 2nd Trans-Atlantic RFID Symposium on the consumer and societal benefits of RFID, on May 5 and 6, 2009 in Brussels. The event will be an excellent opportunity to educate policymakers on the numerous benefits of the technology. For more information, please contact Elizabeth Board at board@epcglobalinc.org.

EU Recommendation at the final stages of internal discussions

The EU Recommendation on the implementation of Privacy and Security Principles on RFID Applications is expected to be adopted by the European Commission in April this year. After three years of ongoing debate, the European Commission is expected to come up with a carefully balanced text including input from Data Protection Authorities, consumer groups and industry associations. The PPSC will be able to report and assess on the practicalities of the European Recommendation after its final adoption in the weeks to come. For more information, please contact Marisa Jimenez at marisa.jimenez@gs1.org.



Auto – ID Labs Research Program

Open Source / FossTrack

The Auto-ID Labs team has developed and Open Source LLRP Java Library which can be found at www.llrp.org and www.fosstrak.org. Developers and reader vendors can find LLRP libraries in C, C#, Java, Perl and a Wireshark Dissector. These libraries significantly simplify control and configuration of LLRP readers. On the EPCIS side, live demonstrations and presentations are also being organized and show the ease of installation and usage of the Fosstrack EPCIS software which is GS1 EPCglobal certified.

Joint Requirements Group

Sensors and Battery-Assist Passive Tagging (SB JRG)

ONGOING – Call for Proposals: End-users interested in sensor and/or battery-assisted passive tags are invited to propose business use cases that they would like to see demonstrated by available technology.

For more information about the SB JRG, please contact Giselle Ow-Yang at gowyang@epcglobalinc.org.

Tag Data 2 JRG and Tag Data JRG

The TD2 JRG (Tag Data Phase 2 JRG) and TD JRG (Tag Data JRG) will be asked to review the forthcoming draft of the TDS 1.5 to make sure their requirements have been interpreted correctly. The tag JRG members will be encouraged to join the TDTS WG or the SAG to view and comment on the draft. The SAG comment period for this important specification should be starting around 9 March, 2009 and continue for the next 21 days. New meetings with each JRG were conducted during the week of 9 March, 2009 to provide orientation to the mapping of these groups' business requirements to the Last Call Working Draft (LCWD) of the TDS 1.5.

Data Exchange JRG

The Data Exchange JRG is awaiting the Last Call Working Draft of the EPCglobal EPCIS Core Business Vocabulary, currently under development from their requirements, in the Software Action Group. The group meets as needed to review questions from that group regarding their requirements and to consider new requirements from other industries.

Data Discovery JRG

The JRG recently issued a new survey on requirements for Data Discovery. The analysis of those responses will result in additional requirements for the Data Discovery component of the GS1 EPCglobal Visibility standards. Input from heavy equipment manufacturers, tire and automotive, consumer products and healthcare are being incorporated into the first version of the requirements. The group plans to complete this phase of the requirements by summer, with the plan being to kick off a technical work group immediately following.

The group has partnered with the IETF and other global organizations in this effort, to ensure the most complete requirements are considered.

For more information on the Data Discovery JRG, please contact Gena Morgan at gmorgan@epcglobalinc.org.

Tag Alteration JRG

The Tag Alteration Joint Requirements Group (TA JRG) face-to-face meeting took place on 3-4 February, 2009 in Boca Raton, Florida. The meeting was hosted by Tyco/Sensormatic. On day one of the meeting, the participants further explored key drivers, learned more about Tag Alteration possibilities and gained a better understanding of the Public Policy implications. On day two, Chris Diorio from Impinj and the TA JRG editor was leading discussions on potential TA requirements. The first draft of the TA JRG Requirements document was compiled and is now being reviewed during the TA JRG conference calls. The group will arrange the TA JRG Requirements Document according to the following three requirements categories:

- (1) Alteration requirements for privacy
- (2) Alteration requirements that are business driven
- (3) Alteration requirements for password management

The group will be meeting at the forthcoming GS1 Joint GSMP-JAG Meeting in Los Angeles on 25 March, 2009 (morning) and 26 March, 2009 (all day).

The Tag Alteration JRG will look at ways a retailer may alter a tag. Tags can be physically disabled (removed, destroyed...) as a form of tag alteration. There are some applications and product categories that will involve embedded tags (non-easily removable tags) that will require electronic deactivation or tag alteration. The purpose of the JRG is to define the scope of modifications that a retailer may make to a tag at or around the time that a consumer takes possession of the tagged object.

For more information on the TA JRG contact Audrey Kremer at audrey.kremer@gs1.org

Item-Level Tagging JRG (ILT JRG)

The Comment Period was held for the ILT evaluation of the Consumer Electronics requirements. There were no comments received. The document will be held for inclusion in the next revision of the ILT JRG requirements.

Standards Development Process

The GS1 EPCglobal Standards Development Process Specification Version 1.5 was approved by the EPCglobal Board on 25 February, 2009. Important to GS1 Member Organizations is that the right to vote on GS1 EPCglobal standards in Working Groups, Joint Requirements Groups and Industry Action Groups has been added. The new version is available by accessing the following link <http://www.epcglobalinc.org/standards/sdp/>.

For more information about the SDP JWG contact Mark Frey at mfrey@epcglobalinc.org

Certification

The EPCIS Validation Portal (VP) is a Self-Testing Service over the internet (<http://www.epcisvp.com>) for end users to verify that their EPCIS implementations adhere to the EPCIS Specification and Industry Standard Vocabularies (Data Content). This service is a "must have" tool for companies wanting to validate their EPCIS deployments that complements EPCIS certified Products. A unique feature is the powerful and descriptive reporting capabilities. The EPCIS VP analyzes your EPCIS data by performing 68 tests on each of your XML events to verify your implementation's adherence to the EPCIS Specification, the EPC Tag Data Standards and the EPCIS Core Business Vocabulary (CBV).

The EPCIS VP offers a number of advantages:

- Speeds up implementation and deployment of EPCIS
- Validation will maximize sharing of EPCIS information between trading partners
- Ensures uniform vocabulary and other standards across the supply chain
- Provides a fast and simple way to visualize the data content of EPCIS information
- By ensuring uniform vocabulary and other standards across your supply chain, EPCIS VP will maximize sharing of your EPCIS information with your trading partners.

The EPCIS VP provides two types of validation; the Basic Validation which consists of fundamental validation of data's compliance to EPCIS standards and the Core Business Vocabulary (CBV), which is a combination of the Basic Validation and an event content analysis based on CBV.

Cross Industry Adoption and Implementation Group

European Adoption Program (EAP)

The European Adoption Programme has organised its first EPC in Action event on the 26 February, 2009 in Paris. 125 attendees have been in Paris to hear presentations from companies such as Carrefour, METRO, DHL, Kraft Foods and Mojix, BRIDGE and SToP projects as well as the latest updates from GS1 EPCglobal. All presentations are available for download in the EAP community room. The next EPC in Action event will be on the 11 June, 2009 in Budapest.

The second version of the "European Guideline for Retailers and their Suppliers in Europe" is in preparation and any retailer and manufacturer is still welcome to join this activity. For more information, please consult www.gs1.eu/guidelines.

Industry Action Groups

Retail Supply Chain (RSC IAG)

We welcome Antonio Salto, Director, Global IS B2B at Kraft as our new co-chair for the RSC IAG. Antonio joins us with experience in the GS1 System and our data carrier technologies throughout his career at Kraft and at GS1 Mexico (Amece) prior to joining Kraft. He and Dr. Wolfram are anxious to share their views with the IAG at the GS1 Joint



GSMP-JAG Meeting in Los Angeles at the end of March. The RSC IAG has recently approved 2 charters for new groups, RTI Pallet Tagging and EAS Phase 2, while continuing to support the Media and Entertainment Interest Group.

RTI (Pallet Tagging) Interest Group

The newly chartered RTI (Pallet Tagging) interest group consists of 79 participants. The first face-to-face meeting was organized on 11 February, 2009 in Brussels and was attended by 23 participants. Five organizations; KPP, CHEP, LPR, EPAL and REWE, shared and presented their experiences with pallet tagging. The participants decided during the meeting which use cases will be described and discussed about the structure of the guidelines. During the coming weeks, the RTI (Pallet Tagging) IG will focus on use case descriptions. The group will be meeting in Los Angeles and is planning to have another face-to-face meeting in Brussels on 14 May, 2009.

Liquids and Metals Interest Group

The Liquids and Metals Interest Group was formed to identify performance issues while reading GS1 EPCglobal tags (UHF and HF) in particular those on products and specific packaging configurations that contain liquids and/or metals. If most of the performance issues can be resolved by participating solution providers, we can produce GS1 EPCglobal guidelines for advocating, preferred placement of tags and uses of technology to optimize reads for each identified configuration. If a subset of identified issues cannot be solved, then we can work with the research community to seek additional solutions for the specific issues collectively identified.

GS1 EPCglobal asked your company to participate in a short survey sponsored by the Liquids and Metals Interest Group. This survey was completed on 12 January, 2009. This group is analyzing the data to produce problem statements that can be used to reach out to the solution providers and research

communities. Work has also started on compiling a list of research institutes and drafting a call-to-action letter.

The L&M Interest Group will conduct an open informative meeting at the forthcoming GS1 Joint GSMP - JAG Meeting in Los Angeles on 25 March, 2009 from 8:30 am to 12:00 local time.

For more information regarding Liquids and Metals Interest Group, please use the following link http://www.epcglobalinc.org/apps/org/workgroup/rsc_iag_lm_ig/ You can also contact Mark Frey at mfrey@epcglobalinc.org. Please note that the L&M IG currently holds conference calls once per month.

GS1 Healthcare – EPC related activities

GS1 Global Office has announced the approval by the GS1 Global Healthcare User Group of the Global Traceability Standard for Healthcare (GTSH).

The GTSH provides a foundational framework which describes the traceability process and defines the minimum requirements for all stakeholders, independent from technologies, organization size or operational sophistication. The GTSH will enable maximum interoperability between traceability systems across the healthcare supply chain and across borders.



Security, traceability and efficiency in healthcare are currently at the forefront of government regulations and industry concerns around the world: some key related issues include counterfeiting, product recalls, adverse event reporting, medication

errors, and efficient logistics management. Unfortunately, many proprietary and often irreconcilably incompatible solutions are being (or have already been) proposed to national and international supply chain stakeholders. Global and open standards provide an effective and efficient way to properly meet these diverse demands. As a global open standard, the Global Traceability Standard for Healthcare (GTSH) was defined and adopted to counter such costly and inefficient non-standard solutions.

More than 100 representatives from all stakeholder groups hailing from more than 30 different countries worked on the GTSH since the Traceability in Healthcare Work Team was established in December 2007. The work team was co-chaired by Frédérique Frémont (C.H.I. Robert Ballanger Hospital, France) and Tim Marsh (Pfizer) and facilitated by GS1 Global Office.

Now that they have successfully approved the GTSH via the GS1 Global Standards Management Process (GSMP), the work team is currently developing implementation guidelines to assist users in the implementation of traceability across healthcare supply chains.

The Global Traceability Standard for Healthcare can be downloaded at http://www.gs1.org/docs/gsmpt/traceability/Global_Traceability_Standard_Healthcare.pdf.

A Call-to-Action was also issued in February to join the work team developing a suite of process standard(s) and technical standards (EPC Information Services Standard (EPCIS), Object Naming Service Standard (ONS), and Discovery Services Standard) by mid-2010 that will enable compliance with ongoing legislative and regulatory developments worldwide as well as industry business process needs.

Transportation and Logistics Services (TLS IAG)

The Chain of Custody Task Group sub-task group called the “Code Task Team” has started work on preparing a SSCC Implementation Guideline. Ken Traub provided alternatives and recommendations for distinguishing and aggregating SSCC’s at the capturing point of the data and also in the EPCIS. A draft SSCC Implementation Guideline has been prepared and presented to the group for review.

The third phase of the GS1 EPCglobal Transportation and Logistics Services RFID Pilot Program was completed on 25 February, 2009 with a total of 4 shipments with 39 containers and 1,992 pallets. The Pilot Program focused on testing out



the use of EPCIS to track the progress of physical products in cartons, containers and pallets across the supply chain using the trade lane from Tokyo to Amsterdam. EPCIS is the critical link to providing the supply chain visibility the Pilot Program is set to achieve. The GS1 G SIN was used as the UCR in order to comply with customs identification requirements for shipments. The EPC tags were only read by fixed readers.

The use of active EPC/RFID (Extended Conveyance Asset Tag (XCAT)) and e-seal tags on sea containers as well as the application of active tags on pallet level were tested within the framework of the Pilot Program. These tests will serve to drive the development of standards for conveyance asset tags and passive e-seals. The detailed results of the Pilot Program will be reviewed and discussed at the GS1 Joint JAG – GSMP Meeting in Los Angeles.

On 26 and 27 February, 2009 a RFID/EPC Live Test event was hosted by GS1 Hong Kong. On 26 February, 2009 the TLS IAG provided an information session to Transportation and Logistics Services companies advising them of the progress of the TLS IAG and invited them to comment and participate. On 27 February, 2009 the “EPC/RFID Live Test Event” was held demonstrating actual read events using different technologies and events that occur in Transportation and Logistics Services industry. The event, attended by approximately 270 participants, was very successful.

For more information regarding the Transportation and Logistics IAG, please contact Shirley Arsenault at sarsenault@epcglobalinc.org

Consumer Electronics (CE IAG)

Key members of the Consumer Electronics Industry Action Group have been working diligently on how Data Discovery is applicable to key CE use cases. The group identified four key areas where Data Discovery Services could bring value to the CE industry:

- (1) Manufacturing and Product Procurement
- (2) Forward Logistics - Distribution and Retail
- (3) Reverse Logistics - Product Repair and Maintenance, Product Return and Product Recall
- (4) CE End Of Life (Legal product disposal).

Participants have also spent time reviewing the Data Discovery Security questionnaire. A session has been scheduled during the CE IAG meeting at the forthcoming GS1 Joint JAG – GSMP Meeting to further discuss and share thoughts on Data Discovery in the Consumer Electronics Total Product Lifecycle.

For more information on CE IAG activities contact Audrey Kremer at audrey.kremer@gs1.org

Consumer Electronics End Of Life Interest Group (CE EOL IG)



The EOL IG charter was updated and then approved by EPCglobal Legal Counsel and the Business Steering Committee in late January, 2009. The group has already successfully completed the exercise of discussing and prioritizing EOL use cases and their associated business processes. Participants agreed that EPC/RFID would bring most value in the following areas: Product Collection, Product Recycling and Product Disposal. Key participants

are working on describing current processes and identifying where EPC/RFID would help bring value.

The EOL IG has developed a questionnaire to use as a tool to gather input from key EOL organizations. Objectives of the CE IAG EOL Questionnaire are to

- (1) Gather input from key EOL organizations across the globe concerning their current EOL business processes in relation to the following key use cases: Collection Center, Recycling Center and Disposal Center.
- (2) Identify areas in specific EOL business operations where EPC/RFID could bring value. The outcome of this questionnaire will be used by the EPCglobal End of Life Interest Group to identify areas in specific EOL business operations where EPC/RFID could bring value.

For more information on the CE EOL IG, contact Audrey Kremer at Audrey.kremer@gs1.org

Technical Action Groups

Software Action Group (SAG)

TDTS WG (Tag Data Translation Standard Working Group)

TDS 1.5

The Tag Data Standard version 1.5 is coming closer to Last Call Working Draft (LCWD) and presentation to the SAG for review and comment started on 9 March, 2009 and will end on March 30 March, 2009.

This version of the TDS contains TID memory, User Memory, and updates on filter value definitions. The User Memory updates allow for General Specification Application Identifiers to be used. Additional inputs from the Tag Data Phase 2 JRG and GS1 Architecture Group are being added to this standard too. Also, the draft specification will be mapped back to Tag Data JRG requirements and the 60-Day GS1 Architecture Group Review Report to make it easier for users to zero in on relevant sections more quickly. With the help of the community, we are aiming for completing all standards process steps so that this document will be ratified by early third quarter of 2009.

TDT 1.4

This specification, the EPCglobal Tag Data Translation Standard (TDT) provides a framework for machine-readable definitions of the formats and encoding /decoding rules. This document, also produced by the TDTS WG, is the next version that is fully compatible with the current, ratified version of the TDS 1.4 specification. It has completed nearly all the Standards process steps and should be going to the Board in the next several weeks.

For more information about the TDTS WG contact Mark Frey at mfrey@epcglobalinc.org or Sylvia Stein at Sylvia.Stein@GS1.nl

ALE 1.1

Errata fixes to ALE 1.1 have been completed and will be posted to the website shortly. ALE 1.1.1 will be available to anyone to freely download once it is posted. Current versions of the ALE Specifications and conformance requirements can be obtained through the following link: <http://www.epcglobalinc.org/standards/ale>

Also, errata fixes to existing Conformance Requirements used in the certification process have already been posted to the GS1 EPCglobal Website. The latest version is 1.0.3 and is available to GS1 EPCglobal subscribers.

Reader Operations WG (RO WG)

The DCI (Discovery, Configuration, and Initialization) specification is close to being ratified. This specification helps to automate the updating and maintenance of a network of readers. It specifies initial configuration requirements that an

RFID Reader or Client must satisfy, in order for DCI operations to be successful.

The IETF CAPWAP specification that DCI references was just assigned an RFC number (RFC5415) so the DCI is now a Recommended Specification and will be sent for Board ratification. Work has also started in ISO to reference this specification in totality as part 3 of the 24791 series.

Reader Operations Phase 2 Working Group (RO P2 WG)

This new SAG WG has had several conference calls and is working on the next version of LLRP (Lower Level Reader Protocol) to accommodate the impacts created by latest ratified version of Gen2 interface. Errata and other clarifications will be made as a result of reader manufacturers working with implementation of this standard with their users.

For more information about the RO P2 WG, contact Mark Frey mfrey@epcglobalinc.org

Core Business Vocabulary SAG WG

The group is putting the finishing touches on the specification that standardizes terminology for use with EPCIS. The group anticipates a move to Last Call Working Draft by early second quarter.

Hardware Action Group

The item-level tagging standards for UHF and HF:

- UHF Air Interface Working Group: There is no new activity taking place since the ratification of the version 1.2 specifications.
- HF Air Interface Working Group. The HF Gen2 air interface protocol is currently at Recommended Specification in the Standards Development Process.

Test methods for end-user field applications are being developed in the Tag, Label, Reader, and Printer Performance (TLRPP) Working Group:

- Development of performance test methods for the Media & Entertainment DVD use cases and for Conveyance Asset Tag (CAT) requirements are in progress.
- Any RFID test lab wishing to participate in the Laboratory Alignment Round Robin is welcome to do so at this time. The purpose of this activity is to determine repeatability of sensitivity measurements between different lab set-ups. A set of 3 UHF tags created as reference tags are being shipped between each participating lab for testing. Each lab must report the results of their testing to the TLRPP WG for comparison to all other participating labs. At this time, the following labs are participating:
 - Avery Dennison (USA)
 - Cheng Loong (Taiwan, R.O.C.)
 - CISC (Austria)
 - European EPC Competence Center (Germany)
 - HP Brazil (Brazil)

- Intermec (USA)
- Kimberly-Clark (USA)
- MET Labs (USA)
- NXP (Austria)
- P&G (USA)
- University of Arkansas (USA)
- UPM Raflatac (Finland)
- VISN (China)
- Voyantic (Finland)

- The “Field Strength Measurement Test Method v1.2”, the “Field Strength Measurement Evaluation v1.0” and the “Static Test Method v1.9.4” are being reviewed by the Technical Steering Committee.
- To join the TLRPP WG, for the opt-in agreement, please contact the EPCglobal Inc. Help Desk at epcinhelp@epcglobalinc.org

The HAG Active Tagging ad hoc Committee (HAT) is preparing general models for analyzing active tagging air protocols against the AT JRG user requirements. The ad hoc committee will produce a written document of their Recommendation based on review of the data from their gap analysis.

The HAT meets via teleconference weekly, and will have a face-to-face meeting on 26-27 March, 2009 at the GS1 Joint GSMP – JAG Meeting in Los Angeles.

To join the Committee, please go to the link below and click on “Join group” in the HAT home page (http://www.epcglobalinc.org/apps/org/workgroup/hag_hat_ad_hoc/index.php). If you encounter problems accessing this link, please contact the EPCglobal Inc. Help Desk (epcinhelp@epcglobalinc.org).

The Regulatory Affairs ad hoc Committee (RAC) is an active mailing list in the HAG. This ad hoc supports global regulatory work as needed. To join the mailing list, please click on the following link and follow the instructions to self-add: http://www.epcglobalinc.org/apps/org/workgroup/hag_ad_hoc_regulatory/index.php. If you are experiencing problems joining this Committee, please contact the EPCglobal Inc. Help Desk at epcinhelp@epcglobalinc.org.

For more information on activities in the HAG, please contact the HAG facilitator Giselle Ow-Yang at gowyang@epcglobalinc.org.

Missing Identification Resolution Group

The Missing Identification Resolution Working Group has just finished a second draft of the Technical Guideline they are asked to deliver. This document will give guidance on “how to handle” in the different situations where a tag or back-up barcode with a SGTIN has gone missing or is not readable any more. To do that several use case are described and for each use case a draft guideline has been written. The group is now collecting comments and working on further enhancements of the document.

A special challenge is the situation where the serial number has either gone missing in the supply chain. What to do then, if you assign a new serial number to that GTIN, traceability is no longer possible and also how do you know what serial number is not yet used. Similar is the situation when the brand owner has not assigned serial numbers, but further down the supply chain there is a need for a serial number. For these situations the MIR group is collecting Business Requirements.

Before publication the Technical Guideline will be distributed to the GSMP and GS1 EPCglobal community for public review.

For further information, please contact the facilitators: Ilteris Oney at ilteris.oney@gs1.org or Sylvia Stein at sylvia.stein@gs1.nl

The official EU thematic network "RFID in Europe" launched

Experts from 17 countries and leading international organizations were launching the official EU thematic network called "RFID in Europe" on 13 March, 2009. The project will raise awareness of RFID across Europe through the establishment of a federating platform for all key European stakeholders in the development and use of RFID technology and applications. Through the European Commission, the EU has made a substantial investment in research, standards and regulatory developments and public consultation concerning RFID and the emergent concept of the Internet of Things. Research initiatives will continue but the EU now sees a pressing need for generating greater awareness and take-up of RFID technology and the exploitation of user-facing opportunities for innovation and enterprise. GS1 in Europe as leader of the work package 1 is responsible for Business Monitoring, Policy Liaison and Collaboration within the network.

Whilst the USA and China are presently the biggest RFID spenders it is confidently anticipated that the European market will show significant growth over the next ten years. "RFID in Europe" partners say their vision is to provide an RFID network of excellence that creates opportunities and increases the competitiveness of European Member States in the area of RFID thought leadership, development and implementation. At the same time it will position RFID technology within the mainstream of information and communications technology (ICT).

RFID in Europe already involves 25 partners from 17 Member States and it is anticipated that more relevant stakeholders will be joining as associate partners, gathering a critical mass across all EU Member States and across a wide array of application sectors.

For more information about RFID in Europe, please visit <http://www.rfidineurope.eu>

Upcoming Events



GS1 EPCglobal Events

- Joint GSMP & JAG Event, 23-27 March, 2009 Los Angeles, USA
- 2009 RFID/EPC Global Conference, 16-17 April, 2009 Seoul, South Korea
- RFID World Asia incorporating EPCglobal/RFID, 22-24 April, 2009 Singapore
- EPC in Action, 11 June, 2009 Budapest, Hungary

Visit <http://www.epcglobalinc.org/events> for more information.

Other GS1 Events

- GS1 Healthcare Conference 16-18 June, 2009 Washington DC, USA
- GS1 Latin American Regional Forum, 7-9 July, 2009 El Salvador
- GS1 MEMA Regional Forum, 5-8 October, 2009 Tunis, Tunisia
- GS1 in Europe Regional Forum, 14-16 October, 2009 Vienna, Austria
- GS1 Latin American Regional Forum, 7-9 July, 2009 El Salvador
- GS1 Asia Pacific Regional Forum, 10-13 November, 2009 Hong Kong

Visit <http://www.epcglobalinc.org/events> for more information.

GS1 EPCglobal Newsletter Publication

If you have ideas to improve this newsletter, or article topics you would like to suggest, please contact Karl Van der Spiegel at karl.vanderspiegel@gs1.org

GS1 EPCglobal Subscriber's Website Tips

Did you know that you can view all employees from your company that have access to groups and what groups they are involved in? Login to <http://www.epcglobalinc.org>, click on "My Groups", look midway down the page for "my company's members", click on the + next to their names to view their groups. If you notice someone listed who has left your company, please notify the EPC admin at epcinhelp@lists.epcglobalinc.org.

Getting too many emails from groups you are not interested in? You can unsubscribe yourself from these groups, but still remain a member of the group. To do so, go to "my groups", click on the "email" tab, click unsubscribe next to each group you no longer want emails.