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Attendance at the first GS1 Joint GSMP – JAG Meeting in Los Angeles went well and was considered a successful event by the many participants. As GSMP and GS1 EPCglobal have been serving different communities for differing standards needs, the meeting brought these communities together in order to ensure full alignment between them with a focus to better serve the business needs. The meeting was certainly a unique opportunity for experts and professionals striving together to improve efficiency and security of the supply chain, for the benefit of businesses and improvement of peoples' lives.

There has been a lot of progress within the different working groups of the EPCglobal community over the course of the last few months:

- The European Commission released a carefully balanced recommendation on the implementation of privacy and security principles on RFID applications
- New research results were presented by the Auto-ID Labs
- A new group dedicated to producing a strategic overview of RFID-based Electronic Article Surveillance (EAS) was formed
- The GS1 EPCglobal Glossary with EPC terminology and acronyms was created and edited



GS1 EPCglobal strongly supports and encourages companies and organizations to look for GS1 EPCglobal certified products when deploying EPC/RFID technology. The GS1 EPCglobal Certification Program is a standards based compliance and interoperability testing program providing a neutral and authoritative source for testing EPC/RFID technology in full confidence as well as information regarding certified hardware and software products. More information can be found under the certification section in this newsletter.

DATES FOR YOUR DIARY:

Our GS1 Joint GSMP - JAG Meeting

26 to 30 October, 2009 Lille, France



Public Policy Steering Committee (PPSC)

European Commission Releases "RFID Privacy and Data Protection Recommendation"

After two years of ongoing debate and countless hours of stakeholder meetings, the European Commission Recommendation on the implementation of privacy and security principles on RFID applications was finally adopted on Tuesday, May 12, 2009. The European Commission's (EC) Press release and text can be found [here](#).

The European Commission has come up with a carefully balanced Recommendation that includes input from data protection authorities, consumer groups and industry associations. The Recommendation will go a long way to finally providing the necessary clarity and framework that has been needed to move the technology forward in Europe. The GS1 EPCglobal press release on our point of view can be found [here](#).

The GS1 EPCglobal Public Policy Steering Committee was actively engaged in the stakeholder process from the beginning. Our involvement and insight helped shape the final draft. Marisa Jimenez has been a member of the European Commission's RFID Experts Group. Moving forward, we will continue to work with the Commission, consumer groups and all other interested parties to move RFID to the next stage of its development.

GS1 EPCglobal has prepared a series of [FAQs](#) to help the EPCglobal Community understand the main elements of this policy instrument. For more information on the EC Recommendation, please contact Marisa Jimenez at marisa.jimenez@gs1.org.

U.S. State Legislative Update

We are continuing to see new states become more and more aggressive with their push for privacy restrictions for RFID technology. Pennsylvania and Nevada are two examples of where we are seeing proposed RFID legislation for the first time. With the European Commission's recent recommendation on RFID privacy, it will be interesting to see how this plays out throughout the US.

Moving forward, we will continue to closely monitor the activity at the US state level to ensure that no bills pass that could potentially impede the development of the technology. If you are interested in a complete list of pending state legislation or have any questions, please contact Daniel Romm at dromm@epcglobalinc.org.

2nd TransAtlantic RFID Symposium - Brussels, Belgium

EPCglobal, along with the European-American Business Council, the TransAtlantic Business Dialogue, the U.S. Department of Commerce and the European Commission hosted the 2nd TransAtlantic RFID Symposium on the

consumer and societal benefits of RFID in Brussels. The event proved to be an excellent opportunity to inform policymakers on the numerous benefits of the technology. For more specific information on event, please contact Elizabeth Board at eboard@epcglobalinc.org.

Internet of Things

Europe continues to be focused on policy development related to the Internet of Things (IoT). Recently, Gay Whitney spoke at an IoT policy symposium in Brussels and Elizabeth Board spoke at an IoT roundtable in Prague hosted by the Czech Republic as part of their policy program supporting their current role as president of the EU. Both presentations focused on GS1 EPCglobal's visibility architecture.



Auto – ID Labs Research Program

The most recently published white papers for download ([Download all as a zip file](#)) are:

1. [RFID Adoption Issues: Analysis of Organizational Benefits and Risks](#)
2. [Toward Designing Provably Secure Cryptographic Protocols for RFID Tags](#)
3. [Efficient Novel Anti-Collision Protocols for Passive RFID Tags](#)
4. [Sensor Profile Requirements for Sensor Network Capability Information in the EPCglobal Network](#)
5. [EPCIS-based Supply Chain Visualization Tool](#)
6. [Simulation Study on the Effect of Sensor Information in Supply Chains of Perishable Goods](#)
7. [The Potential of the EPC Network to Monitor and Manage the Carbon Footprint of Products Status of RFID/EPC Adoption](#)
8. [Towards a Successful RFID Adoption - Guidelines based on an empirical study](#)
9. [Supporting a Mobile Lost and Found Community](#)
10. [APriori: A Ubiquitous Product Rating System](#)
11. [RF Tag with RF and Baseband Communication Interfaces for Product Lifecycle Management](#)
12. [MobileIoT Toolkit: Connecting the EPC Network to Mobile Phones](#)
13. [Anti-Collision Issue Analysis in Gen2 Protocol - Anti-collision issue analysis considering capture effect](#)
14. [A Mutual Authentication Protocol for RFID Using IDEA](#)

The Auto-ID Labs have presented new research results at the GS1 Joint GSMP-JAG Meeting in Los Angeles. You can download the presentation by clicking on the topics below:

1. [FossTrack - Open Source RFID Prototyping Platform](#) (C. Floerkemeier/C. Roduner)
2. [Update on involvement in EPCglobal Data Discovery JRG](#) (M. Harrison)
3. [Low-cost protecting of EPC Tags](#) (F. Michahelles)
4. [Visualization of the perishable goods supply chain](#) (A. Ilic)
5. [EPC Sensors - Tag Antenna based Sensing](#) (C. Floerkemeier)
6. [Inventory Management with an RFID-equipped Robot](#) (C. Floerkemeier)
7. [R&D of Gen2 tag with enhanced security mechanism](#) (J. Wang)
8. [RFID Consumer-Apps](#) (F. Michahelles)
9. [Recorder tag for Extending RFID Apps](#) (S. Suzuki)
10. [An improvement of RFID coexistence protocol](#) (H. Lee)
11. [Reader anti-collision method for passive RFID systems](#) (O. Bang)
12. [Expanding the EPC Architecture towards sensors](#) (D. Kim)
13. [Enhancing Tag Performance with Meta-Materials](#) (C. Floerkemeier)

For more information also see: www.autoidlabs.org

We would also like to draw your attention to the article by the Auto-ID labs that appeared recently in the IEEE Journal. The article can be downloaded by accessing the following link: [Technology, Standards, and Real-World Deployments of the EPC Network](#) (F. Michahelles, F. Thiesse, C. Floerkemeier, M. Harrison, C. Roduner)

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.

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 was held during the GS1 Joint GSMP-JAG meeting with success. The meeting was very productive and participation was good. On day one of the meeting, participants reviewed work done to-date whereas on day two, Steve Howells, Checkpoint and Scenarios document editor was leading discussions on key tag alteration scenarios. Chris Diorio, Impinj and TA JRG Requirements editor lead discussions on the Requirements document and potential additional requirements. The participants discussed and agreed the need for a TA JRG community questionnaire. We are currently drafting the questionnaire and hope to distribute it to the EPCglobal community shortly. We strongly encourage you to complete this questionnaire. Your feedback will help ensure our tag alteration requirements realistically represent the needs of our community.

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

RFID-based EAS Phase 2 JRG

The RFID based Electronic Article Surveillance Joint Requirements Group Phase 2 (EAS JRG phase 2) is a new group devoted to producing a strategic overview of RFID-based EAS, along with a technical implementation guideline for disposable and reusable tags. These documents will be able to be used by any company implementing GS1 EPCglobal standards based RFID capability identified for electronic article surveillance and loss prevention capabilities. These capabilities will include those defined by end users during the first phase of the EAS JRG and those developed in the EAS Phase 2 (EAS JRG2). The documents will clearly illustrate where RFID-based EAS implementation is possible and approaches to enabling the use cases outlined leveraging existing GS1 and GS1 EPCglobal standards.

The group met for the first time at the GS1 Joint GSMP – JAG meeting in Los Angeles. Besides level-setting, the group discussed a strategy, key components, and intended audiences for the technical guide and strategic overview. Since that meeting, via conference calls, drafts of both documents are completed.

The JRG will meet at the GS1 US UConnect conference on June 1-2, 2009 to finalize the documents with a goal of submitting them for an internal comment period within the same month. To help build momentum with RFID-based EAS item level tagging, a proposal of marketing and communication material is also under development.

The group's co-chairs were appointed to represent the North American and European retailers and the Hardware Action Group. They are Brand L. Elverston (Wal-Mart), Joachim Wilkens (C&A), and Susan Flake (Motorola). Luis Camargo, GS1 Columbia, is the document editor.

For more information on the RFID-based EAS phase 2JRG contact Natalie Debouvry at natalie.debouvry@gs1.org.

Standards Development Process

The GS1 EPCglobal Standards Development Process Specification Version 1.5 was approved by the EPCglobal Board earlier this year. 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 most recent certifications awarded were to Toshiba for their reader and printer modules (see: http://www.epcglobalinc.org/certification/hw_cert/) and Hanwol for their ALE product (see: http://www.epcglobalinc.org/certification/sw_cert/).



The process and benefits of certification were highlighted in a recent article in RFID Journal titled "[Why Buy EPCglobal-Certified Products](#)". Statistics

over the last few years show that over 40% of hardware devices fail initial pre testing and that number is even higher at over 90% for software applications. Pre testing is an integral part of certification allowing manufacturers to discover and correct problems before the actual certification tests are run. Many of the common errors found on the hardware side such as Dense Reader Mask adherence and timing issues can lead to interoperability issues if not corrected and can be avoided when going through the 300 plus conformance and interoperability tests. Certified products are easily identified by the certification mark and an up-to date list of companies and their products is maintained at: <http://www.epcglobalinc.org/certification>

For more information on the GS1 EPCglobal Certification program there is a new [Brochure on Certification](#) available for download.

Cross Industry Adoption and Implementation Group

European Adoption Program (EAP)

The European Adoption Programme will organise its next EPC in Action event 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)

The Retail Supply Chain Industry Action Co-chair Group is defining Key Performance Indicators (KPI's) on EPC/RFID adoption for the Global Commerce Initiative (GCI) scorecard. The GCI



Scorecard is a capability assessment tool which has been designed to give a detailed understanding of a company's ECR capability and to highlight specific improvement opportunities for the companies. The RSC IAG believes that all benefit from using the same KPI's to help understand the progress of RFID in the industry.

For more information please contact Natalie Debouvry, natalie.debouvry@gs1.org.

Media and Entertainment Interest Group

The end users met at the GS1 Joint GSMP – JAG meeting in Los Angeles to share a status update on industry and retailer initiatives and related GS1 and GS1 EPCglobal standards efforts. Currently, the group is open to supporting retailers on EPC initiatives where the supply chain could benefit from increased inventory accuracy and process improvements in the stores to improve product availability for an optimal customer experience.

The interest group co-chairs are Mike Macdonald, Sony Pictures Home Entertainment and Vivian Underwood, Anderson Merchandisers. For more information about the M&E Interest Group contact Natalie Debouvry at natalie.debouvry@gs1.org.

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 and solution providers to seek additional solutions for the specific issues collectively identified.

If you have not joined the Liquids and Metal Interest Group yet, please use the following link http://www.epcglobalinc.org/apps/org/workgroup/rsc_iag_lm_ig/

For more information regarding Liquids and Metals Interest Group, please 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

RFID at Kanto Medical Centre NTT EC

To ensure the effective use of surgical instruments, Kanto Medical Centre NTT EC (a 606-bed general hospital in Tokyo, Japan) has introduced an Automatic Identification and Data Capture (AIDC) system. Both two-dimensional barcode (GS1 DataMatrix) and RFID tags are used for verification of surgical instruments and their containers. The system was introduced in April 2008 and has already improved accuracy and efficiency of the SSU and saved costs in the Operating Room (OR) department. They enable traceability of surgical instruments, going back and forth between the Sterile Supply Unit (SSU) and the OR, and provide information on:

- When the surgery started and ended
- When and by whom instruments were retrieved and washed
- Which instruments are in each container
- How often instruments are being used
- When and which instruments have been repaired
- When, how and by whom the container were set, sterilized and stored
- Which patient the instruments were used upon (AIDS, Creutzfeldt-Jakob disease, etc)

141 out of the 208 containers that hold the surgical instruments are already RFID tagged. Five RFID antennas in the SSU track these containers: one at the entrance of the SSU, one on the table for assembly, two at the exit of the high pressure steam sterilizers, and the last one at the exit of the SSU. There is another RFID antenna at the OR to capture the container data.

Global standards for Unique Device Identification (UDI) are needed to increase the utilization of AIDC technology for surgical instruments (and other medical devices). When suppliers implement such standardized identification keys and data carriers, this will traceability throughout the hospital, and all sorting and distribution of surgical instruments and sets could even be done automatically and more accurately using a robotic distributor, avoiding human error and saving manpower.

For more information about this case study (and other case studies and expert views), please refer to the 2009/2010 GS1 Healthcare Reference Book available at http://www.gs1.org/docs/healthcare/GS1_Healthcare_Reference_Book_2009-2010.pdf.

Implementation Guide for the Global Traceability Standard for Healthcare

The GS1 Healthcare work team 'Traceability in Healthcare' finalized the Implementation Guide for the Global Traceability Standard for Healthcare (GTSH), which assists any/all stakeholders in the global healthcare supply chain to implement a traceability system in line with the GTSH utilizing the GS1 System of standards.



The implementation guide can be downloaded at http://www.gs1.org/docs/gsmpt/traceability/Global_Traceability_Implementation_Healthcare.pdf.

Transportation and Logistics Services (TLS IAG)

At the GS1 Joint GSMP – JAG meeting in Los Angeles it was decided that the existing Task Groups and Working Groups would be combined into one group.

The "Code Task Team" continues to work on the SSCC Implementation Guideline. Detailed use cases have been requested from the Consumer Electronics IAG.

At the Transportation WG meeting the test methods that are currently used in Boeing to test their passive tags were reviewed. The standard is SAE AS5678. This standard is currently applicable to passive tags. Boeing uses 8 different requirements and it is based on the DO160 (Rev. E). If the TLS IAG needs additional



requirements they would be covered in the DO 160. There is a need to address dust, salt, spray & fungus, particulate matter and radiation. It was decided at the meeting that the TLS would review the AS5678 to determine whether this could meet the requirements for testing of the CAT tag.

A meeting was held in Hong Kong on April 29, 2009 to determine whether a fourth phase of the Pilot Program using CAT tags would be feasible. Given the problem with controlling containers to be used in a supply chain it was decided that the focus would be on the journey of the goods rather than the asset. Synergies with another project called Integrity will be investigated.

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

Consumer Electronics (CE IAG)



The CE IAG and End Of Life Interest Group (EOL IG) meetings were held during the GS1 Joint GSMP-JAG meeting with success. Even though the number of attendees was half what we usually expect, those present actively participated in diverse discussion items and the meeting was extremely productive. Key highlights of the meeting were fruitful discussions on CE use cases relevant to the work of the Data Discovery requirements group and

presentations/discussions with relevant EOL experts from across the globe concerning their current EOL business processes and the value EPC/RFID could bring.

Current work items our groups are addressing include: CE End Of Life use case prioritization and discussions and Business Operations Worksheet development. Following distribution of the EOL questionnaire, a core group is analyzing the responses received, making preliminary observations and identifying any information gaps.

For more information on CE IAG activities 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 an amended Last Call Working Draft (LCWD) and presentation to the SAG for the final ballot and promotion to Candidate Specification. Most comments received have been resolved.

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. Efforts have also started to organize the prototype testing process step which will focus on TID and User Memory.

TDT 1.4

This specification, the GS1 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 ratified by the EPCglobal Board on June 3, 2009.

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

ALE 1.1.1

Errata fixes to ALE 1.1 have been completed and are now posted to the GS1 EPCglobal website

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 EPCglobal subscribers. Additional errata discoveries in the Conformance Requirements will be clarified in a forthcoming 1.0.4 version.

Current versions of the ALE Specifications and Conformance Requirements can be obtained through by accessing the following link: <http://www.epcglobalinc.org/standards/ale>.

Reader Operations WG (RO WG)

The DCI (Discovery, Configuration, and Initialization) specification 1.0 is expected to be ratified by the GS1 EPCglobal board on June 3, 2009 and will be posted on the GS1 EPCglobal website.

This specification helps to automate the updating and maintenance of readers on a network. It specifies initial configuration requirements that an RFID Reader or Client must satisfy, in order for DCI operations to be successful.

Please note that there are no immediate plans to provide certification for this GS1 EPCglobal Standard.

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 shortly.

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 UHF Gen2 Version 1.2.0.
- 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.
- The Laboratory Alignment Round Robin is concluding the first round of testing. The objective has been to determine repeatability of sensitivity measurements between different lab set-ups using three UHF tags created specifically as reference tags. Each lab reported results of their testing to the TLRPP WG for analysis. The following labs participated in this work:
 - Avery Dennison (UK lab & USA Lab)
 - 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)
 - UPM Raflatac (Finland)
 - VISN (China)
 - Voyantic (Finland)
- The “Static Test Method v1.9.4”. The WG will be reopening work on this beta test method to address comments submitted during the beta phase of the test method. A resolution of these comments followed by appropriate approvals will remove the beta status on this test method.
- The “Field Strength Measurement Test Method v1.2” and the “Field Strength Measurement Evaluation v1.0” 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.

The HAT had a Face-to-Face meeting on March 26-27, 2009, at the Joint Action Group meeting in Los Angeles. A first draft of the “Review Criteria for Analysis of the Air Interface Protocols” was completed.

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 (MIR) working group is finalizing an implementation guideline to address situations in which a tag is broken or missing in the Supply Chain. The guideline will also address what to do if the brand owner product is not willing to tag their products, even though further downstream tagging is required. The group has completed a draft Implementation guideline including an internal review. Currently, they are resolving the comments that came out of this review period. When all comments are resolved, the document will be sent out to the GSMP and EPCglobal community for a public review.

The group also found that presently there is no solution within the published standards for assignment of a serial number to a SGTIN by another party other than the brand owner. Therefore, they are writing a Change Request, which will be submitted into the GSMP standards development process. To help with the change request, MIR gathered business requirements that affect serialization.

For further information, please contact Natalie Debouvry at natalie.debouvry@gs1.org, Ilteris Oney at ilteris.oney@gs1.org or Sylvia Stein at sylvia.stein@gs1.nl

GS1 EPCglobal Glossary

We would like to thank all who have contributed so much time and knowledge to the creation and editing of the GS1 EPCglobal Glossary which will be much appreciated by many as they try and find their way through the maze of EPC terminology and acronyms.

A copy of our Glossary can be downloaded by accessing the following link: [GS1 EPCglobal Glossary](#). For further information or any suggestions, please contact Karl Van der Spiegel at karl.vanderspiegel@gs1.org

The GRIFS project launched the first online database of international RFID standards

GRIFS, a European Commission funded Project coordinated by GS1 with the partnership of CEN and ETSI has recently launched an online database of international RFID standards. The project also announced the publication of a Memorandum of Understanding to support the organisation of the Global Forum of Collaboration on RFID standardisation and announces the GRIFS Forum kickoff meeting to be organised on 30 June, 2009 and 1 July, 2009 in Washington DC.

The GRIFS online database: a reference tool for international RFID standards

This online database summarises all the current international RFID standards, whether published or in development. Based on the RFID standardisation report produced at an earlier stage in the project, this database represents an extensive tool of reference for anyone wishing to have a snapshot on the current status of international RFID standardisation. This database allows a search by areas of applications, standards organisations, or status, and contains a wealth of reliable and clear information about each of the 163 standards currently listed.

In the future, the database will be updated by designated editors and will be open to comments by registered users, which will enable fruitful interaction and better communication between standards makers and users.

The database is accessible via the website: <http://www.grifs-project.eu/db>

Building the Forum of Collaboration on RFID Standardisation

Parallel to the development of the database, the GRIFS partners have published a Memorandum of Understanding to support the organisation of the Global Forum of Collaboration on RFID standardisation. The GRIFS MoU states the criteria of membership and the way the Forum is going to work. The GRIFS project team expects that major international standardisation bodies active in RFID will sign the MoU and make use of the GRIFS Forum to collaborate on a voluntary basis with their peers.

A series of workshops organised in various parts of the world since the start of the project has helped to spread the word about the creation of the Forum and to collect feedback on how the Forum should be organised for effective collaboration. Important principles of the MoU include decision making by consensus and working through existing standards making processes.

The text of the MoU is available on the GRIFS website at the following link: <http://grifs-project.eu/index.php/downloads/en/>

Kickoff Forum Meeting in Washington DC on 30 June, 2009 and 1 July, 2009

In the coming year, four meetings of the Forum will be organised together with public information sessions. These meetings will begin to address co-ordination issues identified through the workshop process. In addition they will address any outstanding

organisational issues, especially how the Forum will operate once the GRIFS project ceases at the end of 2009.

The kickoff Forum meeting will take place in Washington DC on 30 June, 2009 and 1 July, 2009. The 30 June, 2009 event will be a public event presenting the project's progress as well as the perspectives of several major RFID standardisations' bodies on the need for collaboration. It will also begin to identify potential specific areas where the collaboration is particularly needed. This will set the ground for the first official meeting of the Forum participants the next day on 1 July, 2009.

The agenda of the public information session of 30 June, 2009 is already available on the GRIFS website at <http://grifs-project.eu/index.php/events/en/> and you can register for this event on <http://grifs-project.eu/index.php/event-registration/en/>

More information at <http://www.grifs-project.eu> or contact info@grifs-project.eu

Upcoming Events



GS1 EPCglobal Events

- RFID based EAS face to face meeting, 1-2 June, 2009 Orlando, USA
 - EPC in Action, 11 June, 2009 Budapest, Hungary
 - Joint GSMP & JAG Event, 26-30 October, 2009 Lille, France
- Visit <http://www.epcglobalinc.org/about/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.gs1.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.