



TABLE OF CONTENTS

GS1 AT THE SERVICE OF INDUSTRY SECTORS

- IBM/Planet Retail report recommends GS1 DataBar to fight food waste 02
- GS1 standards go to sea 03
- "GS1 standards can help governments keep their citizens safe" 04
- Healthcare trading partners exchange data on 500 products 05

GS1: WORKING COLLABORATIVELY

- GS1 specialists active in EU activities 06
- Solution Providers help GS1 users benefit from GS1 Standards 07

GS1 SOLUTIONS: BUSINESS-FOCUSED ANSWERS

- Framework for digital product information takes shape 08
- Digital coupon standard makes good progress 09
- Aberdeen traceability report highlights value of GS1 standards 10

ZOOM ON GS1 STANDARDS IN ACTION

- French perfumery sector adopting GS1 standards 11

GS1 EVENTS

- Dates and places 12

GS1 in Action

Our standards, solutions and services bring real-world benefits and measurable value

At first consideration, you might be tempted to think that a not-for-profit association dedicated to the design and implementation of global standards and solutions for supply and demand chains wouldn't have very much of an impact on any company's bottom line. But in fact, at GS1, we are focused on ensuring that our work provides real-world benefits and measurable value to companies and organisations.

In these pages, you will read about a few of the many ways the GS1 system of standards, and the solutions and services we have built upon it, have changed balance sheets, bottom line, and even the day-to-day lives of people on every continent of the globe.

GS1 standards, solutions and services help prevent fresh food and dairy products from expiring on supermarket shelves – an excellent way to reduce waste, and a great way for producers and retailers to create a competitive advantage.

GS1 standards, solutions and services are allowing food safety and traceability programmes to be built upon solid foundations, so that consumers can be confident about the food they buy and eat.

GS1 standards, solutions and services are helping firms in the transport and logistics sector to streamline administrative processes, reduce time-consuming manual paperwork and load and unload shipments faster and more efficiently than ever before.

GS1 standards, solutions and services are helping governments pay particular attention to potentially dangerous product imports, without wasting their precious time and resources on trustworthy shipments.

GS1 standards, solutions and services are helping business partners in the healthcare sector eliminate errors in their shipments and invoices, and to boost patient safety by ensuring that the right medication gets to the right patient in the right dose at the right time.



GS1 standards, solutions and services are helping to create an efficient system for digital coupons. GS1 is also building a framework that will allow brands to share product information with consumers.

GS1 is recognized as a trusted source of expertise and counsel in a wide range of industry sectors, and we work with over a thousand solution providers globally to help our users benefit from GS1 standards. Contact your local GS1 Member Organisation to find out more



about what GS1 can do for you.

Patrick Vanlombeek
Chief Marketing Officer



GS1 AT THE SERVICE OF INDUSTRY SECTORS

Retail & Consumer Goods

IBM/Planet Retail report recommends GS1 DataBar to fight food waste

Reducing waste also boosts revenues for retailers and suppliers

Every year around the world, millions of tonnes of fresh food that doesn't get sold in supermarkets goes to waste. Beyond the many social and environmental concerns raised by this problem, it's a major business issue, too.

"Deployment of the new GS1 DataBar barcode will enable retailers to offer automated markdowns on products reaching their expiry date."

"The Challenge of Food Waste" A Planet Retail white paper sponsored by IBM

"The Challenge of Food Waste", a recent report sponsored by IBM and written by Planet Retail, a leading provider of global retailing market research, sums it up: "With between 50-60% of sales in a supermarket being derived from the perishable category, it is estimated that between 5-7% of perishables are lost to poor management. This means that food shrinkage and waste can cost retailers up to 4% of their overall revenue."

The report demonstrates how improved automated stock replenishment systems and optimised order forecasting can contribute to reducing food wastage, and thus preventing revenue loss.



But the IBM/Planet Retail research also describes the ways that GS1 DataBar can facilitate automatic price reductions as products approach their sell-by dates; one of the many causes of food waste is that when fresh food expires on the supermarket shelf, it must be thrown out.

Food shrinkage and waste can cost retailers up to 4% of their overall revenue

Because GS1 DataBar can carry information such as lot numbers and expiration dates, they enable automatic markdowns for food that is about to expire without requiring retailers to manually re-label products. Signs in the supermarket aisles announce the price reduction to shoppers, and the discounted prices are automatically taken into account at the checkout when items are scanned. GS1 DataBar makes it easy to perform price reductions on fresh foods that are about to expire, helping them to get off the shelf and into shopping carts.

Read the report from Planet Retail, sponsored by IBM, and access video interviews on the topic at www-03.ibm.com/press/uk/en/presskit/35447.wss

Learn more about GS1 DataBar at www.gs1.org/barcodes/databar



GS1 AT THE SERVICE OF INDUSTRY SECTORS

Transport & Logistics

GS1 standards go to sea

Streamlining the administrative process brings measurable improvements

"In today's transport chain, there may be as many as ten different actors between the seller and the buyer," notes Christer Kjellberg, IT Manager at Stena Line Freight, "And generally, they each have their own separate systems."

The company has seen measurable improvements in speed and efficiency thanks to GS1 standards

Stena Line is a major freight operator with 19 routes in northern Europe. Christer Kjellberg is one of an increasing number of professionals in this field pushing for standardisation of information flows in the transport industry.

With trade becoming increasingly international and pressure on the rise to get shipments where they are going more quickly, transport and logistics companies are facing real challenges. The sea freight sector in particular is striving to speed up the administrative tasks and paperwork associated with their activities.

The GS1 Serial Shipping Container Code (SCCC), used to identify logistics units, has truly become a prerequisite for ensuring smooth and efficient shipment tracking, warehouse management and handling during transport.

"With GS1 standards, we cut our work by at least half as compared to manual booking and we reduce the time for loading and unloading."

Christer Kjellberg
IT Manager, Stena Line Freight

But to manage the administrative aspects of transport, a broader set of GS1 standards must be deployed. And that's where the **GS1 Logistics Interoperability Model (LIM)** comes in.

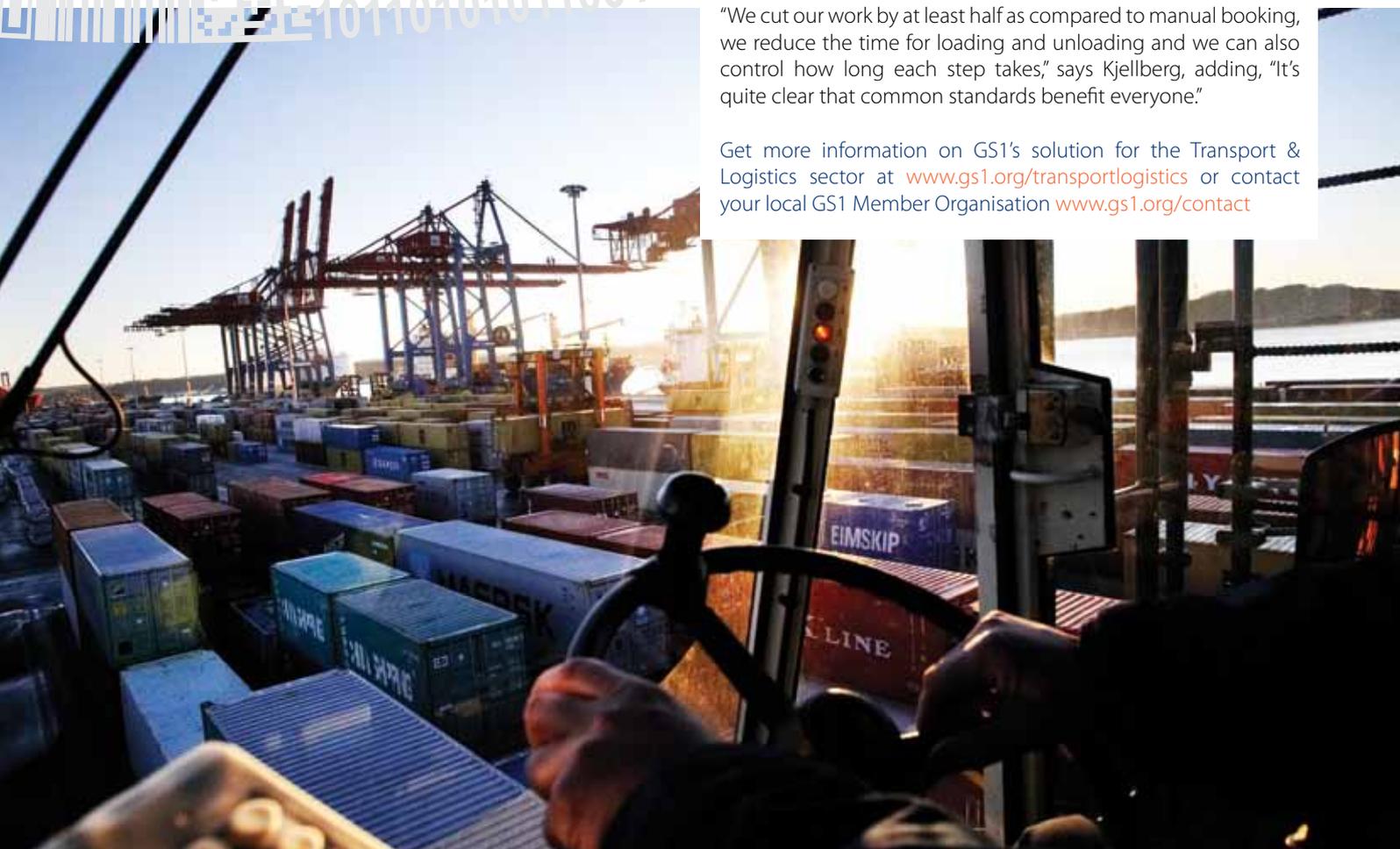
The GS1 LIM uses GS1 EANCOM® and GS1 XML Electronic Data Interchange (EDI) messages to standardise the structure and content of data interchanges between trading partners.

Thanks to the GS1 LIM, transport instructions, bookings, status messages, electronic manifests and hazardous-goods reports can be shared in advance of a shipment's actual arrival, and in a uniform way that eliminates the risks of misunderstandings.

The benefits of GS1 LIM for Stena Line – and for other shipping companies, freight forwarders, hauliers and many others along the transport chain – are measurable improvements in efficiency.

"We cut our work by at least half as compared to manual booking, we reduce the time for loading and unloading and we can also control how long each step takes," says Kjellberg, adding, "It's quite clear that common standards benefit everyone."

Get more information on GS1's solution for the Transport & Logistics sector at www.gs1.org/transportlogistics or contact your local GS1 Member Organisation www.gs1.org/contact



GS1 AT THE SERVICE OF INDUSTRY SECTORS

Transport & Logistics

“GS1 standards can help governments keep their citizens safe”

Talking with Doug Bailey, U.S. International Trade Data System Product Information Committee

In recent years, many people have been worried that they are putting themselves and their families at risk with the products they buy or the food they eat. Can they trust the toys they give their children, the meat and vegetables they have stocked in their refrigerators?



We recently had the opportunity to speak with **Doug Bailey**, Chairman of the U.S. International Trade Data System (ITDS) Product Information Committee (PIC), which was created to identify new ways to improve the efficiency and effectiveness of product admissions at international borders. We asked him about the role governments play in preventing unsafe or high-risk products and foods from entering their countries.

“Governments obviously have a duty to police imports to make sure they aren’t letting in dangerous products,” Bailey told us, “But with budgets so tight and the volume of imports rising sharply, this is very hard to do. Government inspectors simply cannot check everything. They are overmatched.”

The members of the IDTS PIC knew that product admission personnel needed better visibility into incoming shipments so they could make rapid decisions with confidence. Because Bailey had previously worked on supply chain issues with the meat and poultry sector, he was familiar with the way that GS1 standards enabled businesses to obtain just the sort of increased visibility that he and his colleagues were seeking for government.

The need to inspect or examine consumer packaged products at the border could be reduced by 80% in the first year by using GS1 GTINs and Global Classification Codes.

In December 2011, ITDS PIC released a report entitled “The Business Case for Using E-Commerce Data to Manage Product Admission at International Borders” that proposed the voluntary use of GS1 standards and UN standards for greater visibility with product data.

A pilot study in the toy and game sector was very informative. Its results revealed that 68% of the toy and game products imported into the U.S. in the pilot entered again at least once in the next 12 months – with the average imported toy or game product entering the country more than four times per year!

This means that 75% of toys and games products in a customs entry declaration have been previously admitted, and only one out of four products has no previous history of being examined and cleared by border agents.

And that’s where the savings and efficiencies can be found: The historical admission status of all those repeat-entry products could be identified and cleared in advance if government and trade used the GS1 GTIN to identify these products in the entry record, and customs officials could focus their limited time and resources on verifying the other products without an admissions history.

Mid-size toy importers could save \$30,000 per year

Assuming typical examination fees, the average mid-sized importer would save \$30,000 each year thanks to undergoing far fewer examinations. Perhaps more importantly, known products could be “pre-cleared” by governments before they even arrive, leading to better supply chain predictability and efficiency and a much smoother flow of goods.

Doug Bailey sums it up nicely: “By using GS1 standards in this way, governments can know what shipments they need to focus on, and what shipments they don’t need to focus on. It’s a very logical and efficient way to get rid of the noise and focus on the real high-risk products.”

Read the other PIC reports “Leveraging E-Commerce Product Data for Smarter Cargo Management” and “Guidance for Using E-Commerce Data to Manage Product Admission at International Borders.” All PIC reports are available at www.itds.gov

Read the GS1 US white paper “From Port to Port: Moving Products Across Borders with Greater Visibility and Efficiency”

Share these concepts with your company’s e-business manager, Customs manager, product safety/compliance manager, and with Customs agencies at the borders where you do business, or contact your local GS1 Member Organisation www.gs1.org/contact



GS1 AT THE SERVICE OF INDUSTRY SECTORS

Healthcare

Healthcare trading partners exchange data on 500 products

Striving for perfection: zero supply chain errors, flawless patient safety

BD (Becton, Dickinson and Company) is a medical technology company that develops, manufactures and sells medical devices, instrument systems and reagents. Mercy is a healthcare provider with over 250 clinics and hospitals in the midwestern United States.



Together, these business partners are striving for “perfect order.” The Strategic Marketplace Initiative, a consortium of healthcare supply-chain executives, defines “perfect order” as “a purchase order processed electronically (from order to payment) without human intervention, delivered to the correct location, on time, undamaged, at the right price, with the desired quantity, on the first attempt.”

The motivation of BD and Mercy for supply chain “perfection” is clear: beyond reducing out-of-stocks or increasing payment speed, improving the supply chain in the healthcare sector can help ensure patient safety, eliminate errors and enable traceability. In short, a highly efficient healthcare supply chain could save lives.

“ ‘Perfect order’ is a purchase order processed electronically (from order to payment) without human intervention, delivered to the correct location, on time, undamaged, at the right price, with the desired quantity, on the first attempt.”

The Strategic Marketplace Initiative

And yet, fully electronic data interchange remains the exception and not the rule between healthcare providers and suppliers. Although most organisations use barcodes, they rarely use the same barcodes. Stickers covering one barcode with another are common, and it is not unusual to see several different barcodes cohabitating on the package of one single pharmaceutical product or device. This all too frequently leads to confusion, delays, inefficiencies and even errors.

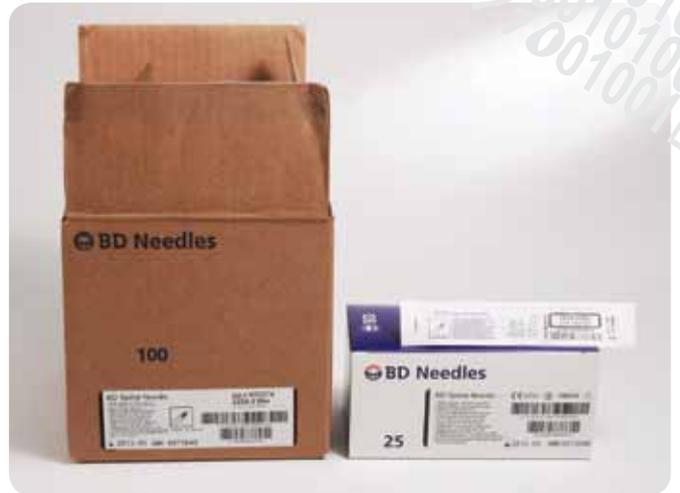
BD and Mercy – with the support of its supply chain company, ROi (Resource Optimization & Innovation) – have demonstrated that things can be different. The two organisations are now using the same GS1 Global Location Numbers (GLN) and GS1 Global

Trade Item Numbers (GTIN) to identify more than 500 products and devices. Encoded onto GS1-128 BarCodes on BD products, the data and information these GS1 Identifiers contain are being shared between BD and Mercy/ROi via electronic data interchange (EDI). The barcodes are used at every step of the process, from the beginning of the supply chain to their use in clinics, with no relabeling and no multiple barcoding.

Because everything is based on global GS1 standards, BD’s SAP enterprise resource planning software has access to the data, as does Mercy/ROi’s IT systems. Similarly, global GS1 standards make it possible for BD’s manufacturing plants around the world to prepare and print the barcodes properly.



BD has been using GS1 standards for decades and already had GTINs assigned and printed on products. BD’s focus has been on integrating GS1 standards into business processes and IT systems to better serve their customers and improve operational efficiencies. Mercy/ROi had to invest to be able to benefit from this end-to-end standardisation. The return on those investments is already measurable: they are seeing a **30% reduction** in outstanding days payable, a **73% reduction** in purchase order errors, and significantly **fewer out-of-stocks** because of the real-time inventory visibility.



Industry observers have taken note of their accomplishments: Mercy/ROi was number two in the 2011 Gartner Healthcare Supply Chain Top 25, and BD was number three.

Get more information on GS1’s solutions and accomplishments for Healthcare at www.gs1.org/healthcare or contact your local GS1 Member Organisation www.gs1.org/contact

Beyond the many business benefits, a highly efficient healthcare supply chain could save lives





WORKING COLLABORATIVELY WITH GLOBAL COMPANIES & ORGANISATIONS

GS1 specialists active in EU activities

GS1 team members now participate in four Expert Groups

GS1 is recognised as a trusted source of expertise and counsel on a variety of specific topics, and members of our international teams are active on a wide range of local, national and international organisations, committees and work groups. One organisation among these is the European Union, where we now have a role in four different Experts Groups.

EU Expert Group on the Internet of Things

GS1 has been active in this group since August 2010, and Massimiliano Minisci from our Global Office is the current GS1 representative to it. Led by the Information Society & Media Directorate General (INFOS), this group advises the Commission on strategy with regard to the development of the Internet of Things in Europe. Some of the issues of special relevance for GS1 include identification, privacy, architecture, standards and governance.

EU Expert Group on Product Traceability

GS1 has been active in this group since September 2011. Diane Taillard from our Global Office is the Group's coordinator, and four additional GS1 representatives participate as experts: John Keogh from the Global Office and representatives from GS1 Ireland, GS1 Portugal and GS1 Croatia. Led by the Health & Consumers Directorate General (SANCO), this group provides information to the European Commission about best practices, standards, systems, gaps and weaknesses in existing practices in the area of traceability for non-food consumer products, and recommends actions to improve the current situation. The group is also asked to comment on on-going international developments for ensuring traceability for non-food consumer product safety.

EU Multi-Stakeholder Platform on ICT Standardisation

GS1 was nominated to this group at the beginning of 2012, and Henri Barthel from our Global Office is a member, with Massimiliano Minisci an alternate. The group is composed of 67 members and include national authorities of Member States and EFTA countries plus organisations representing ICT standardisation stakeholders. It was established as part of a discussion to reform the current EU standardisation policy; discussions that are expected to become formal EU legislation by the end of 2012.

EU eHealth Stakeholder Group

GS1 was nominated to this group in March 2012, and Christian Hay from our Global Office is a member, with Ulrike Kreysa an alternate. The group, led by the Information Society & Media Directorate General (INFOS), will provide a platform for stakeholders to contribute to the development of legislation or policy related to eHealth; for example by providing reports, opinions and relevant data.

For more information on GS1's activities in these and other domains, visit www.gs1.org or contact your local GS1 Member Organisation www.gs1.org/contact



WORKING COLLABORATIVELY WITH GLOBAL COMPANIES & ORGANISATIONS

Solution Providers help GS1 users benefit from GS1 Standards

A range of tools exist to help you find the help you need

GS1 is working with over a thousand solution providers globally to provide products and solutions to the industries that implement GS1 Standards.



Find products and solutions for your needs

In addition to country-by-country listings and finders available from your local GS1 Member Organisation, a Global Solution Provider Finder tool is also available.

- Visit the [GS1 Global Solution Provider Finder](http://www.gs1.org/spfinder):
www.gs1.org/spfinder

Stay up to date

New products and solutions supporting GS1 standards become available every day. The GS1 global website keeps you in the know.

- Bookmark the [GS1 Solution Provider News page](http://www.gs1.org/collaborations/sp):
www.gs1.org/collaborations/sp
- Read about: [Oracle PeopleSoft Financials and Supply Chain Management 9.1](#)
- Read about how:
[SAP Solutions are enhanced by GS1 Standards](#)

Be confident in your choice

Look for Solution Providers whose professional staff has reached a certified or accredited status, for confidence that the consultants truly understand the standards. Specify that you want GS1 certified or accredited products when selecting supply chain products and solutions.

Look for consultants, suppliers and products with GS1 accredited/certified status in:

- [The GS1 Global SP Finder](#)
- [GS1 UK Solution Provider Finder](#)
- [GS1 US Solution Provider Finder](#)

Find products that have passed [EPCglobal Certification Testing](#)

GS1 Mexico's EPC/RFID Experience Room features a wide range of applications from different sectors, and is one of six Experience Rooms that have together welcomed 3,000 visitors since March 2011.

See for yourself

GS1 users can visit a number of interactive demonstration and knowledge centers to gain hands-on experience. If you live in these countries, be sure to visit GS1 Mexico's Experience Rooms, GS1 Sweden's Concept Centre, GS1 Germany's Value Chain Live!, GS1 Australia's Supply Chain Knowledge Center, or GS1 Norway's Smart Centre.

- Find the [GS1 Member Organisation in your country](http://www.gs1.org/contact):
www.gs1.org/contact



GS1 Germany's Value Chain Live! within the GS1 Knowledge Centre has hosted more than 25,000 visitors over the last three years for cross-enterprise discussions around product handling and data streams.



GS1 SOLUTIONS: BUSINESS-FOCUSED ANSWERS

Framework for digital product information takes shape

Trusted Source of Data framework will allow brands to share product information with consumers

With internet-enabled smartphones and tablets becoming truly ubiquitous, GS1 aims to become the trusted source of data to support the communication of authentic product data provided by brand owners to consumers, retailers and internet application providers.

Here is an update on various initiatives we have undertaken to achieve that goal.

GS1's B2C Interactive Shelves

Perhaps you are among the thousands of people in more than 20 countries who have seen our B2C Interactive Shelves at a trade show, conference or GS1 regional event. The shelves contain over 70 products whose basic and nutritional information can be displayed on three different mobile 'apps' that access the GS1 B2C framework.

Haven't yet caught a live demo of the Interactive Shelves? Then check out our short [video demo](#)

Trusted Source of Data Pilot Project

Between July and December 2011, we ran a Trusted Source of Data Pilot, during which more than 30 brand-owners in 8 countries provided information on over 900 products; this information was used by 5 internet application providers in their mobile applications. The pilot was a success: It clearly demonstrated that brand-owners can share consumer-facing digital product information with multiple internet application providers using a global and interoperable approach. Concrete learnings from the project include the fact that high-quality data is absolutely key, and that the technical architecture must remain simple.

Read the [Executive Summary](#) of the Trusted Source of Data Pilot

Local deployments underway

A number of GS1 Member Organisations around the world have launched data aggregator services, or will launch them this year. Connect with your local GS1 MO to find out what they are doing in this domain.

Find the [GS1 Member Organisation](#) nearest you

Standards development

Our Global Standards Management Process (GSMP) provides a comprehensive set of methods and rules enabling users to submit their business needs and lead in the creation of globally agreed standards and guidelines. A GSMP Mission-Specific Working Group has been set up for B2C/Trusted Source of Data concerns, and in particular, to guarantee global interoperability of data aggregators.

Interested in helping us build standards for these needs?

[Learn how to join](#)

Cross-industry efforts

Success in these endeavors will not happen in a vacuum. GS1 works actively with other organisations on all of its actions. Recently, a Joint GS1-TCGF Business Information Needs Group was set up to ensure that business issues are resolved with full industry participation.

Join this group to ensure solutions reflect your needs.

Read [how to be part](#) of the work underway





GS1 SOLUTIONS: BUSINESS-FOCUSED ANSWERS

New standard for digital coupons approved

Identification key, process standard and data model approved in May 2012

Research by Yahoo! and Ipsos has found that 27% of US internet users prefer receiving digital coupons and deals as opposed to getting them offline. eMarketer estimates that there will be 92.5 million online coupon users by the end of 2012.

Thanks to work by the B2C Digital Coupons Mission Specific Work Group, a new GS1 standard to manage digital coupons was approved in May 2012 and has three main elements:

1. New GS1 identification key for coupons called the Global Coupon Number (GCN). It comprises an identifier of a coupon offer and an optional serial number.

2. Process standard for digital coupon management which promotes the use of GTIN to identify products linked to coupons

3. Standard data model to support B2B and B2C communication in the digital coupon management process

The standard meets the needs of a growing number of applications enabling consumers to receive and redeem coupons electronically, making that process quicker and safer. These applications represent potential huge savings for coupon issuers and retailers. It is a major milestone in GS1's objective to bring benefits to all value chain parties, including the end consumer.

For more information, contact Cameron Green at cameron.green@gs1.org.

The latest news and information about our B2C projects and activities is always available at www.gs1.org/b2c





Aberdeen traceability report highlights value of GS1 standards

Food safety programmes stronger when built on global standards

The 2011 Aberdeen Group Food Safety & Traceability Report reveals that there are two primary drivers behind most companies' efforts to launch a food traceability programme: a desire to boost customer satisfaction and product quality and/or a need to ensure compliance with regulatory requirements.

“Driving standards like GS1 into the organisation and ecosystem will allow better traceability outside the four walls.”

Aberdeen Food Safety & Traceability Report

The group's researchers and analysts found that the companies considered “best in class” in terms of traceability outperformed their peers on four key performance indicators:

1. Products produced in compliance with traceability processes
2. Complete and on-time shipments
3. Overall Equipment Efficiency (OEE), a composite metric for availability, performance & quality
4. Track & trace time for a non-conforming product that has been shipped

What are the best-in-class companies doing that the others aren't? The Aberdeen report indicates that they have a process for adverse events or recalls with clearly assigned responsibilities. They automate the collection of traceability data to improve productivity, compliance and error-proofing.

The report notes that best-in-class food companies have designed their systems and processes using GS1 standards

But perhaps most significantly, the report notes that the best-in-class food companies have designed their systems and processes using GS1 standards. Indeed, 64% of the best-in-class companies have business processes based on the use of industry standards and tools like those offered by GS1, versus only 20% for the average company.

In short, if your food sector company is considering implementing a traceability system, Aberdeen recommends that you build it upon industry standards for traceability, such as those created by GS1.

GS1's solution offering for food traceability is built upon the GS1 Global Traceability Standard, which helps organisations comply with multiple international traceability regulations, as well as business and internal quality requirements, for more efficient and effective food safety programmes.

Acquire the 2011 Aberdeen Group Food Safety & Traceability Report

Get more information on the GS1 Global Traceability Solution at www.gs1.org/traceability or contact your local GS1 Member Organisation www.gs1.org/contact



ZOOM ON GS1 STANDARDS IN ACTION

French perfumery sector adopting GS1 standards

GS1 France helps an entire sector eliminate paper and enable traceability

With the primary goals of dematerialising administrative exchanges and enabling traceability, the selective perfumery industry in France is today in the process of deploying GS1 standards across its entire supply chain.

The effort is being led by GS1 France, in partnership with ECR France. A steering committee composed of key sector stakeholders has established six tasks to be achieved before 2014:

- Write guidelines describing logistical best practices
- Ensure full compliance with EU regulations concerning traceability for cosmetics
- Go fully paperless for orders, dispatch and reception advice, invoices and remittance advice
- Synchronise all trade item data through the GS1 Global Data Synchronisation Network
- Write guidelines describing logistical best practices for display units, samples, testers & giveaways
- Deploy RFID

Large companies in the French perfume sector are targeting 100% electronic data interchange via GS1 standards before 2014

The first item on the to-do list is already complete: A manual of logistical best practices has been published, and is already helping to ease the flow of shipping units. Based on GS1 standards, this manual gives a common definition for logistics units, and indicates how to identify them using GS1

identification keys such as the GS1 Global Trade Item Number (GTIN), the GS1 Global Location Number (GLN), the GS1 Serial Shipping Container Code (SSCC) and others.

As for traceability: in July 2013, European regulation 1223/2009/EU will come into effect, requiring manufacturers, retailers, and indeed any business involved in the cosmetics supply chain in Europe to be able to identify the link before them and the link after them in the supply chain. The use of GS1 standards will make this possible.

“We are using GS1 standards on product packaging, display units and testers, and with several customers we have also started to go ‘paperless’ for orders, invoices and despatch advices. We plan to pursue these efforts so we can further optimise our entire supply chain, from the factory all the way to the boutiques that sell our products.”

Karine Ferme-Duval
Director of International Logistics - Guerlain

Significant potential savings of both time and money are at stake once GS1 standards are used to enable electronic data interchange (EDI). In similar efforts in other industries, e-invoices alone have been shown to generate savings of €3 or more per e-invoice sent, and up to €6 per e-invoice received.

The perfumery sector began mass adoption of GS1-powered EDI in March 2012, and intends to reach 100% dematerialisation in the next 3 years for large firms. GS1 France is also working with smaller cosmetics manufacturers and independent perfumeries, with the goal to dematerialise half of all orders and one-third of all invoices in that same three-year period thanks to inexpensive, turnkey and GS1 standards-compliant solutions.

Before the end of 2012, a working group will be established to adapt product records to GS1 standards, in order to enable the use of the GS1 Global Data Synchronisation Network. Then, in 2013, retailers and manufacturers plan to use encode GS1 standards onto EPC/RFID tags for anti-theft and anti-counterfeiting solutions, as well as to implement rapid and more efficient inventories.

For more information on GS1 France's activities in perfumery and other sectors, visit www.gs1fr.org. If you would like to help enable your company to benefit from GS1 standards in the ways described here, contact your local GS1 Member Organisation www.gs1.org/contact



SAVE THE DATE



Upcoming Events

One of the best ways to learn about the benefits your business can obtain from using GS1 Standards such is to speak with our teams and with other companies that use them.



HL7 International

Date: 26 August 2012- 29 August 2012

Pisa, Italy

[View website](#)

UN/CEFACT FORUM

Date: 17 Sep 2012- 21 Sep 2012

Vienna, Austria

InnoTrans 2012

Date: 18 Sep 2012- 21 Sep 2012

Berlin, Germany

[View website](#)

GS1 Industry and Standards Autumn Event 2012

Date: 08 Oct 2012- 12 Oct 2012

Dublin, Ireland

GS1 Healthcare Conference Autumn 2012

Date: 23 Oct 2012- 25 Oct 2012

Lisbon, Portugal

[View website](#)

RFID Journal LIVE! Europe Scandinavia 2012

Date: 24 Oct 2012- 25 Oct 2012

Oslo, Norway

[View website](#)

TCGF Operational Excellence 2012 (IT, Marketing, Supply Chain Conference)

Date: 06 Nov 2012- 08 Nov 2012

Paris, France

[View website](#)

Visit the GS1 website for a more complete listing of conferences and events: www.gs1.org/events

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