

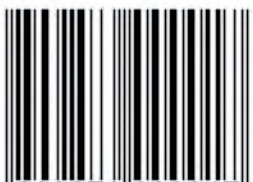
Reporter

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- GS1 Traceability Training and Pilot Projects

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The Official Newsletter of GS1 Philippines, Inc.



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German stadium saves money and time and brings mistakes down to virtually zero

When football fans or concert-goers leave easyCredit Stadium in Nuremberg, Germany, it's time for the technicians to start their work.

All the electricity, gas and water that have been used must be measured, so that an invoice can be sent to the club or organizer correctly and quickly. Meters and measurement points are distributed all around the stadium, from the basement to the playing field to the TV broadcast rooms and everywhere in between.

In the past, employees had to go to every single meter, write the reading on a paper form and then enter it manually into the computer system – a lot of effort, and a lot of room for mistakes. The entire process has now been simplified using GS1 standards. All the measuring points were given a unique identity thanks to a GS1 Global Trade Item Number (GTIN) encrypted onto a GS1 DataMatrix 2D barcode.

Using ordinary smartphones loaded with the special software, technicians simply snap a picture of the barcode and add the meter reading data, which is transferred from the phone to the main system using EDI electronic data exchange standards.



The results have been measurable. Nuremberg stadium has seen considerable savings in both costs and time. There has also been a qualitative benefit, because the error quota in invoicing has decreased to virtually zero.

The project was executed by GS1 Germany as part of their PROZEUS E-Business initiative for small and medium-sized businesses.

The Cost-Effective Barcode for Small Item Manufacturer and Fresh Produce Retailer



Placing barcode for small item manufacturer could always be a problem as well as for fresh produce retailers. Because of being small of the product packaging, manufacturers and retailers choose to truncate barcodes, they may even choose to reduce the size of barcode beyond the smallest allowable barcode size. These practices do not meet with GS1 Standards and may directly affect the product on the point of sale. Otherwise manufacturers and retailers will result in placing their product in a larger packaging to accommodate the barcode which make additional cost on their production.

Good thing there is GS1 DataBar. GS1 DataBar is designed for small items and especially for fresh produced products. GS1 DataBar promotes cost effectiveness for these small products. And as a bonus feature it can carry additional data aside from the usual GTINs such as expiration date, batch number and many more.

Because of its small size that is about half an inch and the ability to stack multiple line barcodes for additional information, manufacturers and retailers can use this barcode without making larger packaging which will save cost.

GS1 DataBar is applicable in meat products, fresh produce, delis and bakery. Additional data that GS1 DataBar can carry is best used for these products manufacturing dates and best before dates, weight and pieces. You may also manage product categories because of these additional data.

GS1 DataBar can also be cost effective in Retail pharmacy, as well as Consumer products that are small and those difficult to mark. Because of this you can focus on consumer communication for the spaces that you save.

GS1 Databar offers a lot of benefits for manufacturers and retailers especially consumers. It promotes accurate checkout at point of sale. Fresh produce such as vegetables and fruits are properly identified with additional information. You can identify even the vendors of fresh produce products which benefits sales planning and control. Retailers can sell products by expiration date which is also beneficial to the consumers.

At the end consumers are confident on what they are buying, retailers are capable of planning ahead and has ability to have quick reactions for every events. Manufacturers has a fair chance in promoting their product cost effectively, all these are achievable because of GS1 DataBar.



For very small and hard to mark products

Getting Started

GS1 DataBar becomes an open standard by January 1, 2014 but you can start using it by agreement with your trading partners at any time.



Retailers

- Check if the scanners are GS1 DataBar capable by contacting your equipment supplier or going to <http://www.gs1.org/barcodes/databar/implement> for a list of GS1 DataBar Ready scanners by brand and model.
- When purchasing new equipment, ensure that it is specified as compliant for GS1 DataBar as well as other barcodes. Most American-branded equipment manufactured in the last 10 years will be compliant but some software modification will be required in your point-of-sale system to enable decoding of additional data (more than the GTIN)
- GS1 Philippines may provide Scanner Test Cards for members to test the GS1 DataBar functionality of their scanners.
- Some retailers will have point-of-sale systems that operate only with 12 or 13 digit GTINs. Some software adjustments may be required to drop zeros that have been encoded simply to complete the 14-digit sequence that is a minimum requirement for a GS1 DataBar.
- Establish a GS1 DataBar project that will identify and communicate all benefits of expanded scanning and/or additional data collection at point-of-sale.
- Spread the word! GS1 DataBar will simply appear on goods after January 2014 when it becomes an open standard. Retailers who have not enabled their systems will be caught out.



Producers/Manufacturers

- Establish a project that will identify and communicate the benefits of introducing GS1 DataBar into labelling. These benefits can include having the space to put more branding messages and consumer information onto labels.
- Continue with current barcode practices until the right time to make the transition to GS1 DataBar.
- Printing presses that print EAN 13 and other bar codes can produce GS1 DataBar as well; There need no disruption, or significant additional cost, in transitioning at the print supply stage.



Designers/Printers

Learn about GS1 DataBar before January 2014: start by visiting <http://www.gs1.org/barcodes/databar/implement> and keep in touch with GS1.

- Check your systems and equipment for compliance. Note that GS1 DataBar was originally called Reduced Space Symbology or RSS, and it may be listed as such on programme menus etc.
- Tell your customers: They will be delighted to hear of a smaller more powerful bar code that does more and looks better.



GS1 TRACEABILITY

Philippines

Training and Pilot Projects



More and more companies, both locally and abroad, are realizing the importance of traceability. As most people know, food safety is the number one reason for having a good traceability system. However, it is now becoming more evident and clear that traceability can also be used for other purposes like authentication and validation, not only for food manufacturers but for all the other parties involved in the supply chain.

Why a Global Traceability Standard?

All companies, whether big or small, already have some form of traceability. For some they could be using computers for their traceability and for some they may just be keeping a simple log

book. Having said that, why then did GS1 developed a Global Traceability Standard Solution?

To answer this question let us define what GS1 Global Traceability Standard is. It is a **business process standard** describing the traceability process **independently from the choice of enabling technologies**. Which means that a company may choose to use non-automated (ex. paper-based) or automated (ex. using barcodes) enabling technology. But to do this efficiently between different companies from different sectors, the use of global standards is necessary. And GS1 being the provider of the most widely used supply chain standards system in the world, such as the globally unique identification numbers (ex. GTIN, GLN), makes it uniquely positioned to respond to traceability system design and implementation requirements.

GS1 Global Traceability Training

Just recently a 5-day GS1 Traceability training was hosted by GS1 Global Office and GS1 Thailand. It was held last June 20 to 24, 2011 at the Queen Sirikit National Convention Center in Bangkok. GS1 Global office sent two of its traceability programme specialists, Mr. Slobodan Romac and Mr. Juan Pablo Vial as trainers. There were 23 participants from different countries in the Asia-Pacific region. *The following photo shows all the participants from day 1.*



The GS1 Global Traceability Standards (GS1 GTS) was discussed in the first part of the training and the GS1 Global Traceability Programme (GS1 GTC) on the second, which was about traceability systems assessment.



The training was comprehensive and includes exercises as well as role plays which turned out to be the most enjoyable part of the activity. *Following are photos of role playing during day 3 and day 4.*



Pilot Projects

Unlike the GS1 GTS training that requires a 100% attendance and examination grade, GS1 GTC entails subsequent activities that the participants must perform including performing actual assessment to companies, which GS1 Philippines is currently working on.

MEMBERSHIP SUBSCRIPTION

JUNE 9, 2011 - AUGUST 23, 2011

NEW MEMBER SUBSCRIBERS

EAN 7

INTERNATIONAL FINE PAPER EXCHANGE INC.
STAR 360 PHILIPPINES INC.

EAN 8

BISCONFOOD INTERNATIONAL INC.
GRIMALKIN CORPORATION
YATAI INTERNATIONAL CORPORATION

EAN 9

ASYA MEDIKA, INC.
BETIS' BEST MEAT PRODUCTS, INC.
BUASDAMLAG MULTI-PURPOSE COOPERATIVE
CAMBERT (PILIPINAS), INC.
CARMELLI PHILS. CORPORATION
CERES PASALUBONG INCORPORATED
FASHIONSPHERE DESIGN CENTER, INC.
GLOBAL ACJJJ CORPORATION
HYGIENE SCIENCE INC.

JADECROWN PHILIPPINES CORPORATION
JONER'S SUPERMART
JOSEPH GRAIN II
MACO'S MEAT PRODUCTS
MAX.IDEAS MARKETING CORPORATION
NCH PHILIPPINES, INC.
NNB FOODS ENTERPRISES II
OMEGA BAGS TRADING

RBC BEST BAKER FOODS INCORPORATED
REZOSTAR CORPORATION
RICHARD'S GARMENTS
SNOW JOE CREAM COOLERS INC.
STYROTECH CORPORATION
THERA PHARMA DISTRIBUTION INC.
UNISUN FOOD PRODUCTS CORP.
WRITETECH ENTERPRISES INC.

EAN 10

2LD ENTERPRISES
5TH DISTRICT OF PANGASINAN DAIRY
MULTIPURPOSE COOPERATIVE
ACPA TRADING
ALL E TRADING
B1G MARKETING
BARUGO ROSCAS PRODUCERS ASSOCIATION
CDL FOOD MANUFACTURING
CELES MARKETING
CUBIZONE PHILIPPINES CORPORATION
DABAW ANJALI TRADING CORPORATION
DIMAMAY BAKESHOP
EMS GLOBAL PHARMA CORP.

FRUIT OF THE LAMBS ENTERPRISE
GRANDEW TRADING
HANNAH & CHLOE FOOD ENTERPRISE
HANSEN ENTERPRISE
INARI MASARU ENTERPRISE
INDAY ROSE ENTERPRISES
JCH ENTERPRISES
LINAMNAM FOODS ENTERPRISE
NORTH SAMBOANGAN TRADING
QUIAMBAO COOKING OIL DISTRIBUTOR
REGIONAL FOODS MARKETING
RHEMA FOOD PRODUCTS
RICHENSON PHIL. INDUSTRIES CO.

ROSIING'S CHAMPOY (SAMPALOK)
SANLIN WINFINE INC.
SANSLI TRADING
SUPER SPHERE INC.
THE GREENCOW COMPANY INC.
THEO & PHILO CHOCOLATE FACTORY
TNS HEALTH PRODUCTS CORP.
TRELIFE COCO SUGAR
UNIVERSAL CREATIVE MARKETING INC.
VIGOR.BRIGHT JAPAN INTERNATIONAL CORP.
WSC ENTERPRISES
XYZA'S COOKIES AND SWEETS

CANCELLED MEMBER SUBSCRIBERS

EAN 7

NOUVELLE FOODS, INC.
PHILIPPINE ELECTRICAL MANUFACTURING COMPANY
THE BRAIDWOOD COMPANY, INC.

EAN 8

ELITE FASHION MANUFACTURING CORP.
G & L PAPER INDUSTRIES, INC.

EAN 9

CONTRACT PACKAGING CORPORATION OF THE PHILIPPINES
DOWI HOSIERY MILLS
RAMESH TRADING COMPANY
SELLCHEM CORPORATION
T P HEALTH FOODS, INC.
YATAI INTERNATIONAL CORPORATION

EAN 10

ARUGA PARENTING AID INC.
CHIMERA ENTERPRISE
FERMEL BONOAN BONELESS BANGUS
GIRON FOODS, INC.
GLOBE BISCUIT FACTORY *T
GOLDEN HANDS MANUFACTURING CORPORATION I
K & J QUALITY SEAFOODS
MONIK BAKESHOP
PARADISE ISLAND MULTI RESOURCES
VOISIER ELECTRONICS MARKETING