

**GS1 HUG™:  
The GS1 Global  
Healthcare User Group**



# **The GS1 HUG™:**

**Who are we and what are we all about?**



## GS1 Global Healthcare User Group: *Mission and Vision*

### **Our Mission**

Lead the healthcare industry to the effective utilization and development of global standards, with the primary focus on **automatic identification** to **improve patient safety**.

### **Our Vision**

To be the **single source** for **regulatory agencies and trade organizations** (manufacturers, wholesalers, distributors, hospitals and pharmacies) to seek input and direction for **global standards in the healthcare industry**.



## GS1 Global Healthcare User Group: *Key objectives*



### **HUG's objectives include:**

- **Work with key partners** in the healthcare supply chain to develop and optimise the use of global standards to ensure accurate and fast movements of goods from manufacturer to distributor and healthcare provider as hospitals or public pharmacies.
- **Promote best practice implementation** in the healthcare area including the whole product and service portfolio of GS1.
- Promote the implementation of **GS1's voluntary, global business standards** throughout the healthcare sector.
- **Facilitate awareness** in the healthcare sector of **new technologies and methods** of doing e-business.
- **Provide advice and recommendations to GS1** on issues and opportunities in the healthcare sector.

The GS1 Global Healthcare User Group (HUG) is a voluntary group of GS1 members and invited supply chain participants from around the world.



## GS1 Global Healthcare User Group: *Stepped plan*



### **Primary focus**

Develop global standards  
for automatic product identification,  
using BarCodes and RFID.

### **Future projects**

Medical catalogue  
Data synchronization  
Classification  
E-commerce  
And more



## GS1 Global Healthcare User Group: *Areas of focus*



### **Prevention of Medical Errors**

Encoding of the unit dose or unit of use package to enable automated verification to ensure right dose, for the right patient at the right time.  
Encoding of the unit of use package to enable automated verification to ensure the right device for the right patient.

### **Product Authentication**

Utilizing a GS1 data structure, enable authentication of individual packages, cases or pallets.

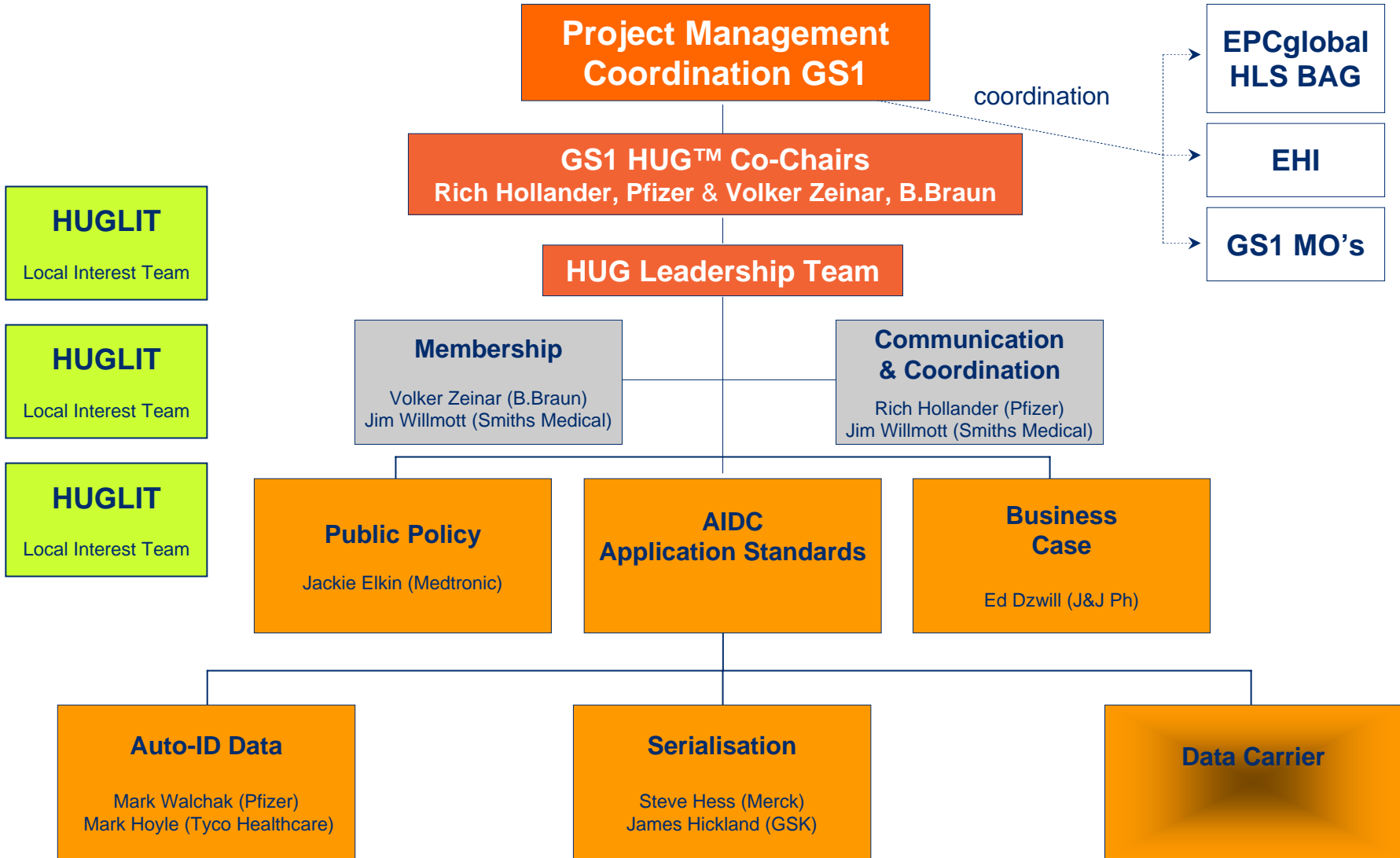
### **Tracking and Tracing**

Utilizing a GS1 data structure, work with supply chain trading partners to enable an electronic pedigree for individual packages such that in the event of a counterfeiting incident, tracing of the suspect product can occur.

### **Increase Total Supply Chain Efficiency**

Through greater visibility, accuracy and velocity.

# GS1 HUG™ Organisation



**HUGLIT**  
Local Interest Team

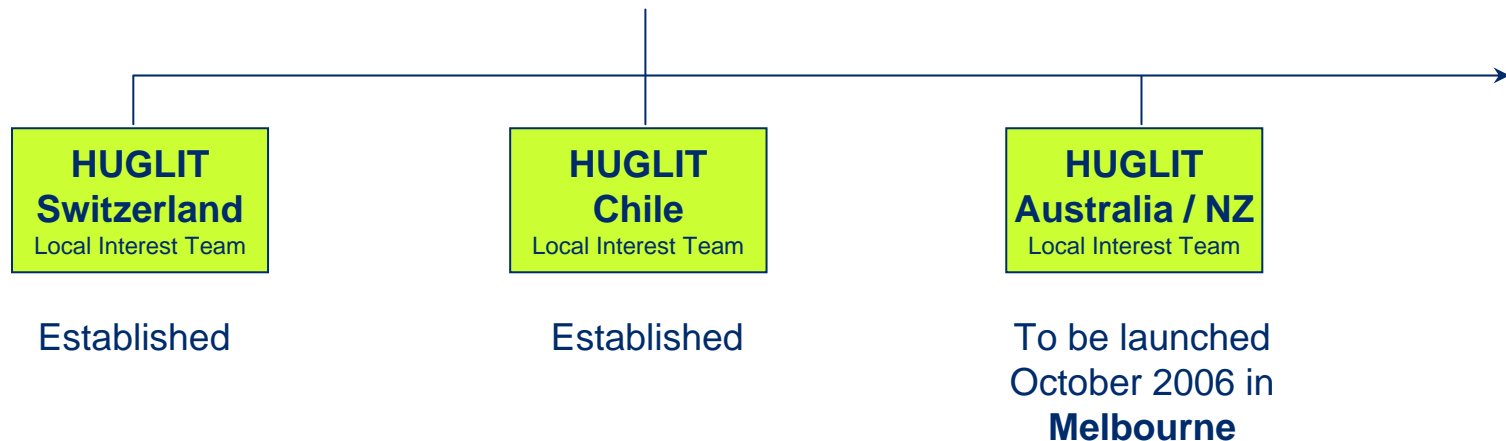
**HUGLIT**  
Local Interest Team

**HUGLIT**  
Local Interest Team

## HUGLITs

'Global' Healthcare User Group (HUG)

'Local' Interest Teams (HUGLIT)







# GS1 Global Healthcare User Group: *Participating Companies (as of August 2006)*

## Pharmaceutical Companies

- Alcon Laboratories
- Amgen
- Astra Zeneca
- Baxter
- B.Braun
- Boehringer Ingelheim
- Cephalon
- GSK
- Johnson & Johnson Pharma
- Merck
- Merck Germany
- Novartis
- Pfizer
- Procter&Gamble
- Wyeth

## Hospitals/GPOs

- Premier
- University Hospital of Dijon
- University Hospital of Lyon
- University Hospital of Leeds
- University Hospital of Geneva
- Comparatio German University Hospital group

## Medical Device Manufacturers

- 3M
- Aesculap/B.Braun
- Alcon Laboratories
- Baxter
- Boston Scientific
- B.Braun
- Cook
- DePuy/J&J
- Hospira
- Johnson & Johnson MD
- Medtronic
- Olympus Medical Systems
- Pall Medical
- Smiths Medical
- Terumo
- Tyco Healthcare

## Transport & Logistics Companies

- Exel
- Aexxdis

## Wholesalers

- CERP
- Grupo Cofares
- Farmintesa-Secof
- McKesson
- Owen Minor
- Pharmdata
- Phoenix

## Associations & Regulatory Bodies

- AdvaMed (US Association of Medical Device Manufacturers)
- Eucomed (European Associations of Medical Device Manufacturers and National Associations)
- EGA (European Generic Medicines Association)
- PHAC (Public Health Agency of Canada)
- NHS (National Health Service) – CfH (Connection for Health)



# Upcoming HUG Conferences

**Paris**

**20 to 22 September 2006  
at Tyco European Headquarters**

***tyco***  
***Healthcare***



**Berlin**

**30 January to 1 February 2007  
at Aesculap Academy**

**B | BRAUN**  
SHARING EXPERTISE



# **The GS1 HUG™:**

**What is our roadmap for the next two years?**



- **GTIN Allocation:** Rules for allocating Global Trade Item Numbers (GTINs) in healthcare under different circumstances or changes in product status or identification .
- **Business Case:** Healthcare AIDC Application Standards business case.
- **AutoID Data:** Define data required for automatic identification, given business requirements and the HUG mission, with patient safety as highest priority.
- **Serialisation:** Define serialisation schema for healthcare products, with product traceability for patient safety as highest priority.
- **Carriers:** Identify the data carriers for healthcare product packaging and direct marking. Establish standards for carrier printing/marking/encoding, scanning/verifying/decoding and quality.



## GS1 Healthcare - Roadmap Deliverables(2/2)

- **AIDC Application Standards:** Construct packaging/direct marking AIDC application standard(s) specific to appropriate product group or sub-industry requirements, with patient safety as the highest priority. Content to include:
  - ✓ Impacted product scope by product group or sub-industry
  - ✓ Appropriate portions of relevant standards, including prior HUG driven standards
  - ✓ Relevant location, packaging level, AIDC technologies
  - ✓ Practical timeframe for adoption
  - ✓ Expected stakeholder support and business impacts
- **Minimise** the number of different healthcare application standards and associated required AIDC technologies while maintaining practicality and appropriate differentiation.
- Product groups may be formed through **relevant commonality**
  - Examples: stakeholders, supply chain channels, business/financial models, appropriate AIDC technologies, dosage form, single/multiple use
- Sub-industries may be derived from regulatory or industry accepted **product classification**
  - Examples: device/pharmaceutical, implants, OTC/Rx



## Contact details

### **GS1 Global Office**

Avenue Louise 326, bte 10

B-1050 Brussels, Belgium

**T** + 32 2 788 78 00

**F** +32 2 788 78 99

**W** [www.gs1.org](http://www.gs1.org)

The global language of business

[www.gs1.org](http://www.gs1.org)