Feedback Work Teams

London, 31 October 2007

The global language of business

www.gs1.org
Update Carrier Work Team
Tom Heist
GATHER CARRIER BUSINESS REQUIREMENTS

Packaging/Direct Marking
- GTIN Allocation
- AutoID Data
- Serialisation
- AIDC Application Standards
- Carrier

Traceability
- Healthcare Product Traceability

Healthcare Data Synch
- Classification
- Data Synchronisation

Timeline:
- 2006
- 2007 (A1, S1)
- 2008 (S2, S3, S4, B1)
- 2009 (A2, T1)
Carriers: Applied to – Read or Scanned

Vaccines
Biologicals
Therapeutic nutritional products
Pharmaceutical
Medical Devices
Instruments
Implants
POINTS OF APPLICATION

Manufacture
From: Finished Goods

Supply Chain Boundaries

Distribution

Care Facility
To: End of Treatment
Carrier Criteria

- **Business & Data Requirements**: Complete by AIDC Data WG
- **Quality**: Available: ISO Standards
- **Carrier Business Requirements**
  - Speed: apply, read & write
  - Size: space available
  - Substrate: carrier applied to

To be delivered by Carrier Work Group
Focus Areas & Accomplishments

BUSINESS REQUIREMENTS

• Instruments & Implant Requirements Gathered
• Sub Team Work Is Complete
• Additional Business Requirements Identified
• List can now be compiled and finalised

3 S’s  Speed, Size and Substrate

• Now 4 S’s  …  Security has been added
• New method of data collection validated
Update AIDC Application Work Team
Tom Heist, GS1
<table>
<thead>
<tr>
<th>Packaging/ Direct Marking</th>
<th>GTIN Allocation</th>
<th>AutoID Data</th>
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WE ARE MAPPING DATA TO PACKAGING LEVELS
WE ARE MAPPING

Data Elements

Products

Marking Levels

GTIN  Expiry Date  Lot #  Serial #  Asset ID  & more

Direct Mark

Unit of Use

Carton

Case/Shipper

Pallet

Vaccines
Biologicals
Therapeutic nutritional products
Pharmaceutical
Medical Devices - General Instruments
Implants

4 groupings

6 groupings
### Data Mapping

#### BUSINESS REQUIREMENT (I ... NEED ... BECAUSE)

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<th>other</th>
<th>Expire date</th>
<th>Lot #</th>
<th>Serial #</th>
<th>GDTI</th>
<th>GIAI</th>
<th>GRAI</th>
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<td>AI8003</td>
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**Medical Devices**
- Low Risk
- Medium Risk
- High Risk
- Inst- reuse-
- Retail Only
- Kits

**Pharma/TN/Biological**
- OTC - Retail
- RX
- Clinical Only
- Control Sub.

**Direct Part Mark**
- Unit of Use
- Carton
- Case/Shipper
- Pallet

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ACCOMPLISHMENTS

75% COMPLETE BEFORE THE SESSION

95% COMPLETE AFTER THE SESSION
Update GDSN Work Team
Peter Alvarez, GS1
Meeting Objectives

Classification deployment strategy
• Discuss strategy
• Agree on a path forward

GDSN standards gap analysis
• Complete gap analysis
  • Success: Communicate which healthcare attributes are supported by the GDSN
  • Determine next steps for “new attributes”

Global Proof-of-Concept Pilot
• Review high-level model
• Agree on goal
• Discuss requirements for end user commitment to participate
Business Level Situation Analysis

- Product classification at a business level (outside the GDSN) and the use of GPC in the GS1 Global Registry®

- Two related but distinct business issues:
  1. Product classification within a user company (outside the GDSN).
     - Serves different purposes
     - At times driven by national, regional, or perhaps regulatory needs
     - Somewhat subjective, and
     - Seen by some users as a business issue between a supplier and their customer

  2. GPC as a mandatory field of the GS1 GDSN Global Registry®
     - This is the one we need to address right now
• Start with a few product classes (codes) at a highest level:
  1. **Drugs and Nutritionals**: All pharmaceuticals, including biologicals and therapeutic nutritionals
  2. **Medical Devices**: All medical equipment, devices and supplies, e.g. IVDs, implants, surgical instruments, exam gloves, gauze pads, suture, syringes, needles, cotton balls…
  3. **Non-medical supplies**: such as, light bulbs, paper towels, office supplies, food and food service items…
     - Use existing GPC codes

• Provides structure
  - Hierarchy to further develop other product classes or
  - More granularity, when needed

• This approach would allow for the use of the GDSN while the community takes a more strategic look at the granularity level needed in the Global Registry to support healthcare.

• Facilitates the global Proof-of-Concept pilot by providing the users with a few basic, and valid codes, to conduct the pilot and asses the GDSN’s fit.
GDSN Standards Gap Results

Before

After

Number of Attributes

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<thead>
<tr>
<th>Category</th>
<th>Before</th>
<th>After</th>
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<tbody>
<tr>
<td>GDSN Equivalent</td>
<td>215</td>
<td>222</td>
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<tr>
<td>Open Questions</td>
<td>63</td>
<td>13</td>
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<tr>
<td>New Attributes</td>
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<td>16</td>
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Global Proof of Concept: What we plan to accomplish

Business Needs:
• Demonstrate that the GDSN can support healthcare business needs
  • GS1 Global Registry / GDSN functionality
  • Attributes

Process:
• Prove that the participating trading partners are able to synchronise healthcare supply chain product data using the GDSN
  • Internal readiness, system and data preparation, information exchange between the trading partner and their data pool and to the ultimate recipient
  • End to end synchronisation (manufacturer, distributor / reseller, GPO, hospital)

Technology:
• Prove that the GDSN can work across the global healthcare industry
  • interoperability among data pools
Next Steps

- Community communication
  - Accomplishments and Direction
  - A starting point

- Develop data model for the Proof-of-Concept pilot
  - Trading Partner Test Matrix
  - Data Model template

- Identify business requirements
  - Individual requirements based on trading partner paring

- Identify participants
  - Sufficient to deliver on objectives
Update Traceability Work Team
Tim Marsh, Pfizer
Deliverables of the group

Common picture for Traceability in Healthcare
Inventory of requirements and existing information (GTS, HLS, CA, Turkey…)
Gap analysis with current GS1 standard
Recommendations in terms requirements, technologies, standard
Relevant corresponding material (standard, guidelines, position papers…)}
Information sharing model
1. « One up, One down »

- Point to point information sharing for day to day operations
- Other data on request when necessary to previous actor
Information sharing model 2. « Russian doll »

- Point to point information sharing of cumulated information about product history
- No request or discovery is supposed to be performed
• No point to point information sharing
• All data on request based on traceable item identifier
Information sharing model
4. Central data base

- Point to point information sharing for day to day operations
- Duplication of data in a central data base held by a 3rd party
- Requests sent to central data base (security, authorization…)

Central Data Base from 3rd party

Information flow

Physical flow
Scope of work team

• From finished goods to end of life

• Medical devices and pharmaceutical

• Business issues:
  • Effective recalls
  • Counterfeit diagnosis
  • Pass pedigree
  • …
Call to action
Business requirements gathering
Group Charter
Community Room