Topics

• Classification, Identification, Description
  • Global and Regional Classifications
  • UNSPSC and GPC
  • Product Classification and Product Identification
  • GTIN, GLN, GPC, UNSPSC and ClaDiMed
• Current Healthcare Classifications at GS1
• UNSPSC GPC Integration
• Possible Co-operation for Medical Devices and other categories
• Q&A
Different business functions have different needs and these are being delivered through the use of different classification systems e.g. UNSPSC, GPC, Internal.

Classification Uses: Integration and synchronising data, automating processes, efficiencies, analysis, ensuring data quality, compliance, statistics...

Classification: Many functions, Different Needs
UNSPSC =
Hierarchical Commodity Classification (Taxonomy)
Global Product Classification (GPC) = Hierarchical Classification, Category Identification, Category Description
What is GPC?

- GPC is the **mandatory** category classification methodology for GDSN
- GPC is a **rule set based** combined **nomenclature** and **ontology**, not product identification or description
- GPC Brick as a nomenclature **identifies a category** incorporating trade items (GTINs) that
  - Serve a common purpose
  - Are processed to similar methods
  - Used and applied in a similar manner
  - Are of a similar form and material
  - Share the same set of category attributes (typically 4-7 attributes per brick)
- **GPC Brick** is designed to be **shareable** by other internal or external classification systems
- Each Brick is classified in a hierarchy (Segment, Family, Class)
- GPC can be the **driver** of category specific trade item attributes in **catalogues**
GDSN Overview

GDSN Overview

Source Data Pool

Recipient Data Pool

Suppliers

Retailers

GS1 Global Registry

Registration of GTIN, GLN & TM

Subscription (CIS)

Publication with Data Notification (CIN)

Publication With Data Notification

Subscription (CIS)

Without Classification the processes do not work

GS1 HUG

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Product Classification (with UNSPSC) and Product Identification

**Segment**
Manufacturing Components and Supplies
31 00 00 00

**Family**
Bearings and Bushes and Wheels and Gears
31 17 00 00

**Class**
Bearing
31 17 15 00

**Commodity**
Ball Bearings
31 17 15 04

**Product Identification**

**Noun**
Bearing

**Modifier**
Ball

**Attributes**

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<th>Label</th>
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<td>Attribute 7</td>
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<td>(Classification des Dispositifs Médicaux)</td>
<td>Identification</td>
<td>Definition</td>
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</table>

Notes:

Identification¹: A coded key such that unambiguously identifies a single product (GTIN) a product owner (GLN), a category (GPC Brick) etc.

Nomenclature²: System of terms that is elaborated according to pre-established naming rules, for describing and identifying things in an unambiguous manner. Terms are assigned with a unique code and a definition e.g. GPC Brick + Brick Attributes and Values

Classification³: Act or process of putting things into hierarchical groups according to common characteristics towards specific goal
1. Global Product Classification (GPC)
   - Over The Counter (OTC) Products:
     - Family Planning
     - Health Enhancement
     - Health Treatments and Aids
     - Home Diagnostics

   - Medical Equipment and Accessories and Supplies (Segment 42)
   - Drugs and Pharmaceutical Products (Segment 51)
   - Healthcare Services (Segment 85)
<table>
<thead>
<tr>
<th>Level of classification detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Segment</td>
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<tr>
<td>GPC Segment</td>
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To Be Aligned
Project Description

• Decision to align the two schemas by integrating the GPC brick structure into the UNSPSC Commodity level

• **UNSPSC hierarchy will serve as the primary basis**
  - GPC to provide necessary granularity for certain sectors
  - Commodities (Bricks), defined attributes and attribute values

• **Current GPC brick definitions will be preserved in UNSPSC structure at the commodity level**
  - One-to-one mapping for all GPC brick code users to a new UNSPSC Commodity code

• **For a period after integration, both code sets will be maintained**
  - Minimizes rework / conversion on the part of GPC user base

• **Zoltan Patkai and GPC BRG will serve as the Segment Manager for GPC within the UNSPSC governance structure**

• **Key Milestones:**
  - Mapping work beginning January 2007
  - Completion of project in 2007
Healthcare could
• Further improve the *spend visibility* and *analysis*
• Optimise cost-effective *procurement* and *strategic sourcing*
• Improve *decision making* with better statistics and reporting
• Be *linked* to a broader global *GS1 standard* package
• Join the *Global Data Synchronisation Network* and EPC
• *Interoperate* their products to existing multiple internal and external *classification systems*
• Provide users with *greater granularity* for “drill-down” and “roll-up” for commodities
• Extend their classification system to *commodity attributes* and *product attributes*
Possible CladIMed and GPC / UNSPSC Cooperation and Link to GMDN

- UNSPSC / GPC Segment
  - UNSPSC / GPC Family
    - UNSPSC / GPC Class
    - GS1 Brick
    - GS1 Brick Attribute – Brick Attribute Value pairs

- Family
  - Sub-Family
    - Range
      - Sub-Range
        - Level

GMDN preferred terms

CND

Other Classifications

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GPC GS1 website: http://www.gs1.org/productssolutions/gdsn/gpc/

GPC Publication: http://www.gs1.org/services/gsmp/kc/gpc/

GPC Training: http://www.gs1.org/productssolutions/gdsn/gpc/training/basics.html

E-room folder more info on GSMP GPC Business Requirement Group:
http://eroom.uc-council.org/eRoom/facility/GSMPGPCBusinessRequirementGroupBRG

GPC Browser in four languages: English, French, Japanese, Serbian:
http://gpcbrowser.gs1.org

GPC Finder: http://gpcnewfile-1.at.vwdhosting.net/Search.aspx

GPC FAQs: http://www.gs1.org/helpdesk/

Reference document for GPC Implementation:
Danke Schön!

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