Global GDSN Healthcare Pilot

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Managing data in the Healthcare supply chain

- No standardised **location** and **product identification** / information
- Inadequate infrastructure to share data among supply chain partners

Inaccurate or bad data at many points in the supply chain
Applying the GDSN

Global Registry

GS1net

1SYNC

Ontuet

Supply Product Data

Process Product Data

Receive and Process data

Confirm and Use Data

Supply

Demand

Baxter

B BRAUN

BD

Amerinet

ASCENSION HEALTH

MAYO CLINIC

PREMIER

SISTERS OF MERCY HEALTH SYSTEM
Pilot Objectives

• Demonstrate how the GDSN supports healthcare supply chain and product data needs
  - Data flow
  - Data standards
  - Data accuracy
  - Product and Location Identification

• Demonstrate how the GDSN works across international boundaries
  – Interoperability among data pools
B. Braun Australia Feedback
Reasons for participation

- Streamline and realise supply chain and data exchange efficiencies
- Active participant in initiatives to achieve efficiencies and improve patients and clinicians safety
- Understand how GSDN can be utilised to achieve the overall objective
- Important role of electronic trading based on harmonized data
B. Braun Australia Feedback

Typical problems today

- Lack of consistent data standards
- Resourcing the process of catalogue information maintenance for upload
- Customers do not have data synchronized with suppliers or within their own jurisdictions
- “Sometimes we think to talk about the same, but we do not (particular in electr. processes)”
  - importance of GLN + GTIN
  - unambiguous identification of partners and subjects
  - misunderstandings cause trouble and costs
B. Braun Australia Feedback

Expectations

- Identify gaps in the data due to regulatory bodies:
  - seeking different information
  - with different naming conventions for fields
  - and varying agreement on what data is necessary
  - and the level of priority

- Better understanding of the effectiveness of GDSN
  - how it can support/improve data flow and accuracy in the supply chain locally and globally

- Smooth transmission of electronic data
B. Braun Australia Feedback

Current status

- Subscription confirmation were received from the data recipients
  - level 1: general confirmation
- First catalogue item acceptance confirmations received (June 06: 4 recip.)
  - level 2: detailed confirmation whether the data are accepted or rejected
- Summary: Overall the pilot was straight forward on our part
  - data had already been made available by us on the National Product Catalogue
  - minimal additional effort required, majority of the work was undertaken by GS1
- Next steps:
  - Analyse still existing gaps
  - Looking for further improvements to reduce/eliminate the gaps
  -Awaiting further feedback/instructions from GS1
Premier’s Perspective

- **Purpose of the Global Pilot (Premier Perspective)**
  - Validate and support the overall objectives
  - Validate Premier’s learning and experience from the DoD Pilot in a broader context

- **Lessons Learned**
  - Overall little changed from the U.S. context to the International context
    - This indicates that the solution is portable and scalable
  - Lessons learned in both settings can be grouped into three broad categories:
    - Technology
    - Content
    - Process Improvement
Premier’s Perspective

- **Lessons Learned: Technology**

  - The technology works in various settings, the ‘plumbing’ is in place and works today
  
  - Premier is in a good position to connect and receive data from the GDSN today
Premier’s Perspective

• **Lessons Learned: Content**

  • Content varies depending on the supplier and still needs some work
  • Premier will work with their suppliers and the industry to improve and standardize the attributes flowing through the GDSN. We see this as the natural positive consequence of sharing data through a common mechanism
• Lessons Learned: Process

• GTIN is valuable and will improve several processes within Premier along with our members

• A high level review of just two affected processes within Premier nets a $250k savings in labor in the first year
Pilot Team

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- DoD, Angela Youngheim
- GS1 Australia, Marcel Sieira
- GS1net, Neale Austen
- GS1 US, Doug Goldman
- Ontuet, John Jackovin

Pilot Participants

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- Ascension, Chris McCloud
- Baxter Healthcare, Elaine Bailey, Simon Hill
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