

GS1 Belgilux Healthcare:

GS1 Datamatrix pour la dose unitaire et les groupages

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J&J Perspective

Barcode Scanning revolutionized the consumer goods supply chain:

- Reduced stock-outs
- Speeding consumer check-out
- Improved accuracy

J&J believes that in Healthcare the adoption of GS1 standards, and the visibility achieved through their adoption, can provide many benefits including:

- Increased patient safety
- Improved supply chain efficiency
- Strengthening healthcare supply chain integrity



J&J Support and Involvement

- Supports the adoption of GS1 standards across three business groups.
- Active in GS1 Healthcare groups and initiatives in many countries.
- Founding member of the GS1 Healthcare Global and GS1 Healthcare US groups.
- J&J executive management actively support the GS1 Healthcare Belgian pilot.
- Ajit Shetty, Corporate Vice President of J&J's Enterprise Supply Chain Group, has sponsored this important initiative in a meeting with Etienne Bonnet and Chris Adcock in 2008.



Product Traceability

- Traceability of healthcare products will become a normal business practice across the healthcare supply chain.
- GS1 standards are critical foundational elements to enable product traceability.
- J&J is actively preparing our supply chain and IT infrastructures to enable product traceability.
- Product traceability is a foundational element for supply chain integrity.



J&J Product Traceability Efforts

- Preparing to serialize our pharmaceutical products to respond to various country and state serialization laws – including California, Turkey, Brazil, etc.
- Participated in the EFPIA Sweden serialization and product serialization pilot with Swedish pharmacies.
- Engaged in the formation of PROJECT CLASS (clinical laboratory automated supply system) which is a consortium of medical device manufacturers, Western Vascular Institute, and GS1 Ireland to facilitate the adoption of RFID in the hospital supply chain and within the operating suite.
- Actively engaged with regulators and supply chain stakeholders to share perspectives on UDI and serialization of pharmaceutical products.



GS1 Pilot Project @ Ethicon

- Originally the Pilot project would have been a “standalone” GS1 project within Ethicon
- External pressures from customers, group purchasing organizations and regulatory bodies have accelerated the need for a TOTAL approach to GS1 within Ethicon => the Pilot became a subset of a broader initiative:
 - 11 internal manufacturing sites
 - 15 external manufacturing sites
 - Multiple 2nd tier suppliers for pre-printed materials
 - Multiple graphics systems
 - Multiple ERP and MES systems
 - Interfaces between central systems
 - etc.....
- Requirement to generate central funding model for management approval

High Level of Complexity!!!



Pilot Project – Issues to address

- **Code selection for Pilot?**
 - 3 codes (EW319, EW320, EW776) manufactured on same line in the same site – no other markets taking the product
- **How to structure the GTIN and where to store?**
 - Requirement for a global solution
- **Obtaining funding approval**
- **Modification required to internal MES system**
 - Ability to function with both HIBCC and GS1
- **Dependency on implementation of new Graphics system**
- **Interface to central master data repository**
- **Validation of internal component verification system**
- **Assessment of distribution systems:**
 - Ability to scan both HIBCC and GS1 barcodes
 - Functionality to segregate production batches by Hospital within distribution system



Pilot Project – Status

- **Funding approval received mid-November**
- **Capability to manufacture first batches of GS1 bar-coded products => mid-March**
 - ✓ Changes to MES system
 - ✓ Changes to Graphics system
 - ✓ Interfaces to central system
 - ✓ GTIN registration
 - ✓ Upgrade to visual recognition systems
 - ✓ Distribution readiness
- **VALIDATION!!!**