GS1 Standards for identifying, capturing, and sharing information—about products, locations, and more—make it possible for organizations like yours to connect with suppliers and maximize the efficiency, value, quality, and safety of your operations.

**USING GS1 STANDARDS CAN HELP YOU:**
- Provide value, quality, and safe care for your patients
- Transform your delivery systems
- Decrease operational waste and inefficiencies
- Reduce medical/medication errors
- Reduce the introduction of counterfeit products
- Support outcome-based medicine and comparative effectiveness
- Achieve financial sustainability
- Link critical product data to the patient record
- Enhance Electronic Health Record management
- Leverage information technologies to improve performance

**HEALTHCARE PROVIDER SCANNING IN PATIENT CARE**
- When a product or device’s GTIN is captured at the point of care, data is shared across hospital information systems:
  - Inventory management and replenishment
  - Patient charge records
  - Electronic Health Record
  - Accounting
- GTIN data is tracked from the point of order to the patient
- Allows for final check of recalls, expiration, etc.
- Will allow for inventory management by expiration

**ENSURING REGULATORY COMPLIANCE**
The Drug Quality and Security Act is top of mind for the pharmaceutical industry. The FDA Unique Device Identification (UDI) regulation is at the forefront in the medical device arena as companies need to transform disparate medical identification methods into a standardized UDI system. On both fronts, the industry is leveraging GS1 Standards and the support of GS1 Healthcare US® to prepare for these new requirements and assist with regulatory compliance.

**START IMPLEMENTING**
Visit the GS1 US website for:
- Information about relevant GS1 Standards
- Tools and Resources: Tool Kits, Implementation Resources, and Case Studies
- Education: Webinars and Industry Calls
- Members, Advocates, and Partners
- Events: Workshops and Workgroup Forums

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GS1 Standards begin with GS1 Identification Numbers used to uniquely distinguish all products (trade items), logistics units, locations, assets, and relationships across the supply chain from manufacturer to patient. These numbers provide the link between the item and the information pertaining to it.

**COMPANY**
- Global GS1 Company Prefix
- GLN Global Location Number

**PRODUCT**
- GTIN Global Trade Item Number®
- EPC/SGTIN Serialized Global Trade Item Number

**ASSETS**
- GIAI Global Individual Asset Identifier
- GRAI Global Returnable Asset Identifier

**LOCATION**
- GLN Global Location Number

**LOGISTICS**
- SSCC Serial Shipping Container Code
- GSIN Global Shipment Identification Number

**SERVICES AND OTHER**
- GSBN Global Service Relation Number
- GDTI Global Document Type Identifier

**ITEM**
- GS1-128 Carries a GTIN or an SSCC
- EAN/UPC* GS1 DataBar® GS1 DataMatrix
- HF RFID UHF RFID

**CASE**
- ITF-14 Carries a GTIN
- ITF-14 Carries a GTIN with extended data or a Serial Shipping Container Code (SSCC)
- EP C-Enabled RFID Carries an SGTIN or an SSCC

**PALLET**
- ITF-14 Carries a GTIN
- ITF-14 Carries a GTIN with extended data or a Serial Shipping Container Code (SSCC)
- EP C-Enabled RFID Carries an SGTIN or an SSCC

**GS1 Data Carriers** are capable of holding varying amounts of data to accommodate different needs for different products. The data encoded in GS1 Data Carriers not only uniquely identifies products at every level of packaging, it provides access to product information and visibility of product movement through the supply chain.

**Capture**

**GS1 Standards in Patient Care**

**Identify**
- GS1 Identification Numbers

**Capture**
- GS1 Data Carriers

**Share**
- GS1 Data Exchange

**Master Data**
- **GDSN**
  Global Data Synchronization Network™
  The GDSN connects trading partners to the GS1 Global Registry® via GS1-certified Data Pools, enabling the immediate electronic sharing of standardized, up-to-date, accurate product information.

**GLN Registry**
- The GLN Registry is the single source of truth for accurate and up-to-date location information for healthcare and healthcare-related facilities in the U.S. with corresponding GLNs.

**Transactional Data**
- **EDI**
  Electronic Data Interchange
  EDI enables the computer-to-computer exchange of business documents between companies using a standardized format.

**Physical Event Data**
- **EPCIS**
  Electronic Product Code Information Services
  EPCIS is the standard for sharing information about the movement and status of goods in the physical world.

**Interoperability**
- Item Data
- Location Data
- Purchase Order
- Shipping Notice
- Invoice
- Product Recall/Withdrawal
- Pedigree
- Track & Trace