

Healthcare Transformation Group

Position Statement

Adoption of UDI and GS1 Standards in Third Party Solution Provider Systems

HTG believes that all products should be easily identifiable from the time they enter the healthcare supply chain to the point in time they are used on a patient. This identification is vital to removing risk associated with using products for our patients and providing the healthcare industry clear product traceability and post market surveillance. To this end, HTG fully supports the adoption of GS1 standards and the leveraging of the UDI throughout the healthcare supply chain down to the point of usage capture. HTG would like suppliers, solution providers, GPOs, and distributors to adopt the use of GS1 standards and the UDI (where applicable) through all of their transactions, applications and interactions.

Position:

HTG has an expectation that third party solution providers must be able to capture, store, utilize and import/export UDI data using GS1 standards captured from product labeling. Most notably, clinical documentation/point of use/care systems and supply chain/ERP system need to fully support and adopt UDI standards throughout their applications.

Requirements: Clinical Documentation System/Point of Use/Care Systems

- Capability to scan a GS1 barcode and appropriately store basic UDI including the GTIN, Lot, Serial, and Expiration Date for all implants and supplies used during a patient procedure or episode of care
- Capability to capture UDI for traditional “pick list” items and process used in procedure areas. Capability to remove/return/waste unused items with their associated UDI
- Capability to capture UDI for all items in procedural and non-procedural areas across the continuum of care
- Usability for caregiver to enable capture without disrupting the workflow and documentation process, limiting need to go into other applications to capture product usage/UDI

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- Ability to store UDI in distinct fields for reporting, export in interfaces, etc. as part of the medical record.
- Ability to provide expiration alerts to scanned product
- Ability to provide and integrate with recall data and provide recall alert/notifications to scanned product.

Benefits:

- Accurate product documentation tied to the patient legal medical record
- Ability to link supply chain data, product usage data, and encounter data all together for comparative analysis
- Ability to connect clinical/documentation system to supply chain systems for effective point of use inventory controls
- Completing the link for future ties to complete data modeling in support to evidence based medicine
- Prevent recalled or expired product utilization

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Requirements: Supply Chain/ERP Systems

- Ability to transact with all UDI (GTIN, Lot, Serial, Expiration Date) from point of receipt (or consumption into inventory) through dispense/use of product.
- Ability to adjust, cycle count and return to stock capturing UDI to ensure accurate tracking of Lot, Serial and Expiration Dates in the supply chain.
- Usability to accurately scan from a GS1 barcode at any packaging level the appropriate GTIN, Lot, Serial, Expiration Date and update transactions automatically and accurately (from receipt/put-away to consumption) with one scan.
- Ability to store GTIN in Item Master (current and historical) for each unit of measure.
- Capability to import GTIN data from primary sources (GDSN, GUDID, etc.) using an auto-match feature
- Ability to use GTIN/UDI in the price and item management (and all other support forums) throughout their application.
- Ability to alert to product expiration within determined variables so as not to distribute to nursing areas
- Ability to integrate with recall information to alert/notify for removal of inventory

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Benefits:

- UDI integration within the supply chain transaction set enables expiration date tracking increasing productivity and efficiency to remove products from the shelf for re-distribution and use prior to expiring, returns/exchanges to suppliers or donations, etc.
- UDI in supply chain transactions enhances the recall process through tracking of Lot or Serial# used in patient care vs. what remains on the shelf
- Clean master data enabling data integrity from source to settle (the entire process)