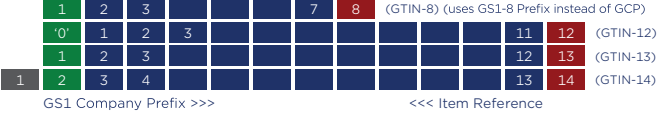



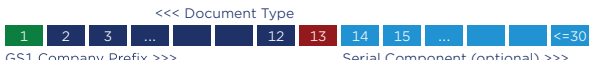









Key	Identify	To Add Value In
<b>GTIN</b> Global Trade Item Number	<p><b>Products</b> such as pharmaceuticals, medical devices, medical consumables, vaccines, blood derivatives and raw materials at all product and packaging levels (e.g. unit of use, primary packaging, retail unit, inner pack, case and pallet).</p> <p><b>Services</b> such as equipment rental and maintenance services.</p> <p><b>Individual trade item instance(s)</b> can be identified by combining the GTIN with attributes such as batch/lot number, serial number, best before date, expiry date and production date. Many global and local regulations that require unique device identification (UDI) of items to individual devices or traceability of pharmaceuticals utilise these methods.</p> <p>COMPATIBLE WITH ISO/IEC 15459: INDIVIDUAL PRODUCTS AND PRODUCT PACKAGES</p>	Point of Care, Dispensing, Inventory management, Consignment management, Patient records and registries, Analytics, Product traceability, Supply chain, Procurement, Order-to-Cash, Customs procedures, Point of Sale, Unique Device Identification, Closed Loop medication management, Surgical Instrument identification (all after dispensing)
<b>GLN</b> Global Location Number	<p><b>Locations:</b> Theatres, Patient Rooms, Wards, Pharmacies, Imprest/Store rooms, Pathology, Radiology, Distribution Centres, Manufacturing sites, Suppliers, Buyers and other 'locations' within the healthcare system.</p> <p><b>Parties:</b> Legal and functional entities, physical areas and virtual locations that need to be identified for traceability, patient activity, business transactions, cost control or other purposes.</p>	Traceability activity or Asset tracking, Data Synchronisation, eProcurement (EDI), Inventory management, Cost Centre management, Shipping and Receiving, Transport & Logistics
<b>GSRN</b> Global Service Relationship Number (Subject of Care)	<p><b>Subject of care/Patient (Service recipient relationship)</b> Service Recipient or Subject of Care identification. Most commonly used within hospitals to uniquely identify patients. Capable of encoding legacy URN/MRN, Individual Health Identifiers. Used to enable consistent Positive Patient Identification (PPID) across all hospital systems and processes. When used with SRIN, enables individual instance of care. Recognised in ISO/TS 18530 for Subject of Care identifier</p>	Positive Patient Identification, Point of care, Activity tracking, Specimen collection, Blood tracking, Analytics, Medical records
<b>SRIN</b> Service Relationship Instance Number	<p>For use in conjunction with GSRN to identify location of patient identification and particular instances of care, thus enabling specific tracking of care delivery. When used in accordance with ISO TS 18530, SRIN enables specific tracking of patient identification location (wristband, patient chart, pathology collection) and therefore enables more control within a PPID context. Recognised in ISO TS 18530 Linked to ICCBBA ISBT 128 standard to reflect patient identification number location.</p>	Positive Patient Identification, outpatient identification, inpatient documentation identification, Point of care, Activity tracking, Specimen collection, Blood tracking, Analytics, Medical records
<b>GSRN</b> Global Service Relationship Number (Provider of Care)	<p><b>Provider of Care/Clinician (Service provider relationship)</b> Identifies service provider (organisation or individual). Most commonly used in Healthcare to identify provider of care (clinician, ward staff, volunteers etc.) within a particular hospital/facility where they need to capture identification for Positive Patient Identification (PPID) purposes or to assist in track activities to a particular provider within systems. Recognised in ISO TS18530 as identifier of Provider of Care</p>	Consistent patient identification across all systems & processes, Positive Patient Identification, Point of care, Activity tracking, Specimen collection, Blood tracking, Analytics, Medical records
<b>GDTI</b> Global Document Type Identifier	<p><b>Physical documents</b> such as patient forms, pathology requests and referrals. <b>Electronic documents</b> such as test results, service requests, EDI messages. The GDTI identifies the <b>type of the document</b>, and if needed also the <b>individual document instances</b> via the optional serial number. RECOGNISED in ISO 15418</p>	Document authentication, Document tracking, Archiving,
<b>GIAI</b> Global Individual Asset Identifier	<p>Unique <b>Asset</b> reference for identifying individual asset instances regardless of type. For use on all assets from Office equipment, IT equipment, Totes, Cages etc. where no aggregation by type is required. COMPATIBLE WITH ISO/IEC 15459</p>	Asset Management, instrument tracking, Transport & Logistics
<b>GRAI</b> Global Returnable Asset Identifier	<p>Used to identify <b>Assets</b> where type and individual identification are required for effective management and where the asset may move between parties for use and re-use. Enables aggregation of type of asset and individual instance traceability. The GRAI identifies the <b>type of returnable asset</b>, and if needed also the <b>individual instances</b> of the returnable asset via the optional serial number. COMPATIBLE WITH ISO/IEC 15459 - PART 5</p>	Asset Management, Maintenance Management, Transport & Logistics, Reusable instrument tracking, Enables analytics by type of asset
<b>SSCC</b> Serial Shipping Container Code	<p><b>Logistic units</b> such as parcels, ward box deliveries, pallets, totes, cages. The SSCC enables the unique identification of any combination of trade items packaged together for storage and/or transport purposes. COMPATIBLE WITH ISO/IEC 15459 - PART 1: UNIQUE IDENTIFIERS FOR TRANSPORT UNITS (THE ISO LICENCE PLATE)</p>	Traceability, Order-To-Cash, Shipping & Receiving, Transport management, Inventory management, Customs procedures
<b>GSIN</b> Global Shipment Identification Number	<p><b>Shipments</b> comprised of one or more logistic units intended to be delivered together. The logistic units belonging to a particular shipment keep the same GSIN during all transport stages, from origin to final destination. MEETS THE WCO REQUIREMENTS FOR UCR (UNIQUE CONSIGNMENT REFERENCE). COMPATIBLE WITH ISO/IEC 15459: GROUPING OF TRANSPORT UNITS.</p>	Order-to-Cash, Transport Management, Inventory Management, Customs Procedures and Visibility
<b>GINC</b> Global Identification Number for Consignment	<p><b>Consignments</b> comprised of one or more logistic units (potentially belonging to different shipments) intended to be transported together for part of their journey. Logistic units may be associated with different GINCs by carriers or freight forwarders during subsequent transport stages.</p>	Transport Management and Visibility

<p><b>GTIN</b></p>  <p>GS1 Company Prefix &gt;&gt;&gt; &lt;&lt;&lt; Item Reference</p>	<p>Healthcare preferred: GS1 DataMatrix, GS1-128, EAN-13, EAN-8 UPC-A, UPC-E EAN-13 ITF-14, GS1-128, GS1 DataMatrix</p>	<p><b>EPC:</b> urn:epc:id:sgtin:CompanyPrefix.ItemReference.SerialNumber <b>GS1 XML:</b> string \d{14} <b>EANCOM:</b> n..14; DE7140(DE7143=SRV)</p> <p>AI(01) GTIN, AI (10) BATCH/LOT, AI (21) SERIAL, AI (17) EXPIRY DATE</p>
<p><b>GLN</b></p>  <p>GS1 Company Prefix &gt;&gt;&gt; &lt;&lt;&lt; Location Reference</p>	<p>GS1-128, GS1 DataMatrix</p> <p>eg AI (414) Physical Location, AI (410) Ship to location</p>	<p><b>EPC:</b> urn:epc:id:sgln:CompanyPrefix.LocationReference.Extension <b>GS1 XML:</b> string \d{13} <b>EANCOM:</b> n13; DE3039(DE3055=9)</p>
<p><b>GSRN (Subject of Care)</b></p>  <p>GS1 Company Prefix &gt;&gt;&gt; &lt;&lt;&lt; Service Reference</p>	<p>GSRN DataMatrix, GS1-128</p> <p>AI (8018): GSRN RECIPIENT attribute: AI (8019) SRIN</p>	<p><b>EPC:</b> urn:epc:id:gsrcn:CompanyPrefix.ServiceReference <b>GS1 XML:</b> string \d{18} <b>EANCOM:</b> an..70; DE1154(DE1153=SNR)</p>
<p><b>GSRN (Provider of Care)</b></p>  <p>GS1 Company Prefix &gt;&gt;&gt; &lt;&lt;&lt; Service Reference</p>	<p>GSRN DataMatrix, GS1-128</p> <p>AI (8017): GSRN PROVIDER</p>	<p><b>EPC:</b> urn:epc:id:gsrcn:CompanyPrefix.ServiceReference <b>GS1 XML:</b> string \d{18} <b>EANCOM:</b> an..70; DE1154(DE1153=SNR)</p>
<p><b>GDTI</b></p>  <p>GS1 Company Prefix &gt;&gt;&gt; &lt;&lt;&lt; Document Type &lt;&lt;&lt; Serial Component (optional) &gt;&gt;&gt;</p>	<p>GS1-128, GS1 DataMatrix</p> <p>AI(253) GDTI</p>	<p><b>EPC:</b> urn:epc:id:gdti:CompanyPrefix.DocumentType.SerialNumber <b>GS1 XML:</b> string [-!%&amp;'()*+.,/0-9;:&lt;=&gt;?A-Z_a-z]{13,30} <b>EANCOM:</b> an..35; DE1004</p>
<p><b>GIAI</b></p>  <p>GS1 Company Prefix &gt;&gt;&gt; &lt;&lt;&lt; Individual Asset Reference &gt;&gt;&gt;</p>	<p>GS1-128, GS1 DataMatrix</p> <p>AI (8004) GIAI</p>	<p><b>EPC:</b> urn:epc:id:gjai:CompanyPrefix.IndividualAssetReference <b>GS1 XML:</b> string [-!%&amp;'()*+.,/0-9;:&lt;=&gt;?A-Z_a-z]{4,30} <b>EANCOM:</b> an..35; DE7402(DE7405=CU)</p>
<p><b>GRAI</b></p>  <p>GS1 Company Prefix &gt;&gt;&gt; &lt;&lt;&lt; Asset Type &lt;&lt;&lt; Serial Number (optional) &gt;&gt;&gt;</p>	<p>GS1-128, GS1 DataMatrix</p> <p>AI (8003) GRAI</p>	<p><b>EPC:</b> urn:epc:id:grai:CompanyPrefix.AssetType.SerialNumber <b>GS1 XML:</b> string \d{14}[-!%&amp;'()*+.,/0-9;:&lt;=&gt;?A-Z_a-z]{0,16} <b>EANCOM:</b> an..35; DE7140(DE7143=SUE) or DE7402(DE7405=RAG)</p>
<p><b>SSCC</b></p>  <p>GS1 Company Prefix &gt;&gt;&gt; &lt;&lt;&lt; Serial Reference</p>	<p>GS1-128</p> <p>AI (00) SSCC, AI (01) GTIN, AI (10) BATCH/LOT, AI (21) SERIAL, AI (17) EXPIRY DATE</p>	<p><b>EPC:</b> urn:epc:id:sscc:CompanyPrefix.SerialReference <b>GS1 XML:</b> string \d{18} <b>EANCOM:</b> an..35; DE7402(DE7405=BJ)</p>
<p><b>GSIN</b></p>  <p>GS1 Company Prefix &gt;&gt;&gt; &lt;&lt;&lt; Shipper Reference</p>	<p>GS1-128</p> <p>AI(402) GSIN</p>	<p><b>EPC:</b> user memory <b>GS1 XML:</b> string \d{17} <b>EANCOM:</b> an..70; DE1154(DE1153=SRN)</p>
<p><b>GINC</b></p>  <p>GS1 Company Prefix &gt;&gt;&gt; &lt;&lt;&lt; Consignment Reference &gt;&gt;&gt;</p>	<p>GS1-128</p> <p>AI (403) GINC</p>	<p><b>EPC:</b> user memory <b>GS1 XML:</b> string [-!%&amp;'()*+.,/0-9;:&lt;=&gt;?A-Z_a-z]{4,30} <b>EANCOM:</b> an..70; DE1154(DE1153=CU)</p>

## LEGEND

	Check Digit		Start of GS1 Company Prefix	<<< variable start position
	Numeric		Filler digit	>>> variable length
	Alphanumeric		Extension Digit / Indicator Digit	<= less than or equal to
				n = variable position number

Available barcodes, see GS1 General Specifications for application rules

Commonly used application identifiers

Syntax formats

## Further information

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