

## Glossary of Terms

Add-On Symbol	A bar code symbol used to encode information supplementary to that in the main bar code symbol.
AI	Abbreviation for Application Identifier.
AIDC	Abbreviation for Automatic Identification and Data Capture.
alphanumeric (an)	Describes a character set that contains alphabetic characters (letters), numeric digits (numbers), and other characters, such as punctuation marks.
ANSI	Abbreviation for American National Standards Institute.
aperture	A physical opening that is part of the optical path in a device such as a scanner, photometer, or camera. Most apertures are circular, but they may be rectangular or elliptical.
Application Identifier	The field of two or more characters at the beginning of an Element String that uniquely defines its format and meaning.
ASC X12	Accredited Standards Committee X12. ASC X12 is responsible for developing American National Standards for Electronic Data Interchange (EDI).
Asset Type	A number assigned by the owner of an asset to uniquely identify a type of asset.
attribute	A piece of information reflecting a characteristic related to an identification number (e.g., Global Trade Item Number™ (GTIN™), SSCC).
autodiscrimination	The capability of a reader to automatically recognise and decode multiple bar code symbologies.
auxiliary guard patterns	Components of the EAN/UPC Symbology. The centre guard bar pattern, the left guard bar pattern, and the right bar patterns that are represented in some of the symbols are specific types of auxiliary guard pattern.
auxiliary pattern	See auxiliary guard pattern
bar gain/loss	The increase/decrease in bar width due to effects of the reproduction and printing processes.
Bearer Bars	Bars surrounding a bar code symbol to prevent misreads or to improve print quality of the bar code symbol.
billing unit	An item that is priced and invoiced in trade between two parties at any point in the supply chain.
brand owner	The party that is responsible for allocating EAN.UCC System numbering and bar code symbols on a given trade item. The administrator of an EAN.UCC Company Prefix.

carrier	The party that provides freight transportation services or a physical or electronic mechanism that carries data.
Check Digit	A digit calculated from the other digits of an Element String, used to check that the data has been correctly composed. (See EAN.UCC Check Digit Calculation.)
Clear Area	See Quiet Zone.
Company Number	A component of the EAN.UCC Company Prefix. EAN Member Organisations and the Uniform Code Council (UCC™) assign EAN.UCC Company Prefixes to entities that administer the allocation of EAN.UCC System identification numbers. These entities may be, for example, commercial companies, not for profit organisations, governmental agencies, and business units within organisations. Criteria to qualify for the assignment of an EAN.UCC Company Prefix are set by the EAN Member Organisations and the UCC.
Composite Component®	This term is used to refer to either a linear or 2D symbol component within a composite symbol.
Composite Symbology®	An EAN.UCC System composite symbol consists of a linear component (encoding the item's primary identification) associated with an adjacent 2D Composite Component™ (encoding supplementary data, such as a batch number or expiration date). The composite symbol always includes a linear component so that the primary identification is readable by all scanning technologies, and so that 2D imager scanners can use the linear component as a finder pattern for the adjacent 2D Composite Component™. The composite symbol always includes one of three multi-row 2D Composite Component™ versions (e.g., CC-A, CC-B, CC-C) for compatibility with linear- and area-CCD scanners and with linear and rastering laser scanners.
concatenation	The representation of several Element Strings in one bar code symbol.
contrast	See Symbol Contrast.
coupon	A voucher that can be redeemed at the Point-of-Sale for a cash value or free item.
customer	The party that receives, buys, or consumes an item or service.
data carrier	A means to represent data in a machine readable form; used to enable automatic reading of the Element Strings.
data character	A letter, digit, or other symbol represented in the data field(s) of an element string.
data field	The smallest part of the data part of an Element String that needs to be distinguished.
Data Standard	The entirety of all EAN.UCC System data standardised in meaning and structure.

data structure	The Uniform Code Council (UCC <sup>®</sup> ) and EAN International data structures defined in the various lengths required for the different identification purposes, which all share a hierarchical composition. Their composition blends the needs of international control with the needs of the user.
data titles	A standard abbreviated description of a data field; used to denote the Human Readable Interpretation of encoded data.
Default Front	The side of a consumer trade item that is used to capture dimensional attributes for the purpose of data alignment.
direct print	A process in which the printing apparatus prints the symbol by making physical contact with a substrate (e.g., flexography, ink jet, dot peening).
DUN-14 (Despatch Unit Number)	See EAN/UCC-14 Identification Number.
EAN	Abbreviation of EAN International.
EAN International	EAN International, based in Brussels, Belgium, is an organisation of EAN Member Organisations that jointly manages the EAN.UCC System with the Uniform Code Council (UCC <sup>®</sup> ).
EAN Member Organisation	A member of EAN International that is responsible for administering the EAN.UCC System in its country (or assigned area) and for managing the correct use of the EAN.UCC System by its member companies.
EAN.UCC Check Digit Calculation	An EAN.UCC System algorithm for the calculation of a Check Digit to verify accuracy of data decoded from a bar code symbol.
EAN.UCC Common Currency Coupon Code	An identification number for coupons issued in a common currency area (e.g., the euro currency) that uses the EAN/UCC-13 Data Structure.
EAN.UCC Company Prefix	Part of the international EAN.UCC System data structures consisting of an EAN.UCC Prefix and a Company Number, both of which are allocated by either the Uniform Code Council (UCC <sup>™</sup> ) or an EAN International Member Organisation.
EAN.UCC Coupon Code	An identification number for coupons issued in a national currency that uses the EAN/UCC-13 Data Structure.
EAN.UCC Prefix	A number with two or more digits, co-administered by EAN International and the Uniform Code Council (UCC <sup>®</sup> ), denoting the format and meaning of a particular Element String.
EAN.UCC System	The specifications, standards, and guidelines co-administered by EAN International and the Uniform Code Council (UCC <sup>®</sup> ).
EAN/UCC-13 Data Structure	The 13-digit EAN.UCC System data structure composed of an EAN.UCC Company Prefix and Check Digit as well as an Item Reference, Location Reference, or Asset Type.
EAN/UCC-13 Identification Number	The EAN.UCC System identification number comprising 13 digits; used to identify trade items, locations, and special applications (e.g., coupons).

EAN/UCC-14 Data Structure	The 14-digit EAN.UCC System data structure composed of an Indicator, EAN.UCC Company Prefix, Item Reference, and a Check Digit.
EAN/UCC-14 Identification Number	The EAN.UCC System identification number comprising 14 digits; used to identify trade items.
EAN/UCC-8 Data Structure	The eight-digit EAN.UCC System data structure composed of an EAN/UCC-8 Prefix, Item Reference, and Check Digit.
EAN/UCC-8 Identification Number	The EAN.UCC System identification number comprising eight digits used to identify trade items and special applications.
EAN/UCC-8 Prefix	A one-, two-, or three-digit index number, co-administered by EAN International and the Uniform Code Council (UCC™), denoting the area of distribution of trade items identified by an EAN/UCC-8 Identification Number.
EAN/UPC Composite Symbology® Family	A family of bar code symbols comprised of the UPC-A Composite Symbology®, UPC-E Composite Symbology®, EAN-8 Composite Symbology®, and EAN-13 Composite Symbology®.
EAN/UPC Symbology	A family of bar code symbols including EAN-8, EAN-13, UPC-A, and UPC-E Bar Code Symbols. Although UPC-E Bar Code Symbols do not have a separate Symbology Identifier, they act like a separate symbology through the scanning application software. See also EAN-8 Bar Code Symbol, EAN-13 Bar Code Symbol, UPC-A Bar Code Symbol, and UPC-E Bar Code Symbol.
EAN-13 Bar Code Symbol	A bar code symbol of the EAN/UPC Symbology that encodes EAN/UCC-13 Identification Numbers.
EAN-13 Composite Symbology®	The Composite Symbology® that utilises an EAN-13 Bar Code Symbol as the linear component.
EAN-8 Bar Code Symbol	A bar code symbol of the EAN/UPC Symbology that encodes EAN/UCC-8 Identification Numbers.
EAN-8 Composite Symbology®	The Composite Symbology® that utilises an EAN-8 Bar Code Symbol as the linear component.
EANCOM®	The international Electronic Data Interchange (EDI) standard provided by EAN International, conforming to the UN/EDIFACT standard.
EDI	Abbreviation for Electronic Data Interchange.
Electronic Commerce	The conduct of business communications and management through electronic methods, such as Electronic Data Interchange (EDI) and automated data collection systems.
Electronic Message	A composition of Element Strings from scanned data and transaction information assembled for data validation and unambiguous processing in a user application.
Element String	A piece of data defined in structure and meaning, comprising an identification part (prefix or Application Identifier) and a data part, represented in an EAN.UCC System endorsed data carrier.

even parity	A characteristic of the encodation of a symbol character whereby the symbol character contains an even number of dark modules.
Extension digit	A digit, allocated by the user, used to increase the capacity of the Serial Reference within the SSCC (Serial Shipping Container Code).
fixed length	Term used to describe a data field in an Element String with an established number of characters.
Fixed Measure Trade Item	An item always produced in the same pre-defined version (e.g., type, size, weight, contents, design) that may be sold at any point in the supply chain.
FNC1	Abbreviation for Function Code 1.
Full String	The data transmitted by the bar code reader from reading a data carrier, including Symbology Identifier and Element String(s).
Function Code 1 (FNC1)	A symbology element used to form the double start pattern of an UCC/EAN-128 Bar Code Symbol. It is also used to separate certain concatenated Element Strings, dependent on their positioning in the bar code symbol.
General Distribution Scanning	Scanning environments that include bar coded trade items packaged for transport, logistic units, assets and location tags.
GIAI	Abbreviation for the Global Individual Asset Identifier.
GLN	Abbreviation for the Global Location Number.
Global Individual Asset Identifier	A number that uniquely identifies an individual asset.
Global Location Number	A number that uses the EAN/UCC-13 Data Structure to identify physical, functional, or legal entities.
Global Returnable Asset Identifier	A number that uses the EAN/UCC-13 or UCC-12 Data Structure to identify Asset Type combined with an optional serial number.
Global Service Relation Number	A number that uses a defined structure and is used to identify a database entry for recording recurring services.
Global Trade Item Number <sup>®</sup>	A Global Trade Item Number <sup>®</sup> may use the EAN/UCC-8, UCC-12, EAN/UCC-13, or EAN/UCC-14 Data Structure.
GRAI	Abbreviation for the Global Returnable Asset Identifier.
GSRN	Abbreviation for the Global Service Relation Number.
GTIN <sup>®</sup>	Abbreviation for the Global Trade Item Number <sup>®</sup> .
GTIN <sup>®</sup> Format	The format in which Global Trade Item Numbers <sup>®</sup> (GTINs <sup>®</sup> ) must be represented in a 14-digit reference field (key) in computer files to ensure uniqueness of the identification numbers.

Guard Bar Pattern	An auxiliary pattern of bars/spaces corresponding to start or stop patterns in bar code symbologies, and serving to separate the two halves of EAN-8, EAN-13, and UPC-A Symbols.
Hanging Item	Any consumer trade item that is normally presented in the store in a hanging position.
House Way Bill Number	A freight forwarder's document used mainly as a control for the goods within the freight forwarder's own service system.
Human Readable Interpretation	Characters that can be read by persons, such as letters and numbers, as opposed to symbol characters within bar code symbols, which are read by machines.
human translation	Text designed to support manual operations and to facilitate key entry in menu driven systems. Data titles and data content are included.
Indicator	A digit to complete a particular identification number or to add some sort of significance to a particular Element String.
Individual Asset	An entity that is part of the inventory of a given company. (See also Returnable Asset.)
Interleaved 2 of 5	See ITF-14 Symbol.
Inverse Exponent	The Application Identifier digit that denotes the implied decimal point position in an Element String.
ISO	Abbreviation for International Organisation for Standardisation.
Item Number	See Item Reference.
Item Reference	The part of the data structure allocated by the user to identify a trade item for a given EAN.UCC Company Prefix.
Item Reference Number	See Item Reference.
ITF Symbology	The Interleaved 2 of 5 Symbology.
ITF-14 Bar Code Symbol	An ITF Symbol used by the EAN.UCC System to carry EAN/UCC-14 Identification Numbers.
LAC	Abbreviation for Local Assigned Code.
Light Margin	See Quiet Zone.
Light Margin Indicator	See Quiet Zone Indicator.
Local Assigned Code	A particular use of the UPC-E Bar Code Symbol for restricted distribution.
Location Number	See Global Location Number.
Location Reference	A number within an Global Location Number (GLN) assigned by various parties to identify a different entity.

logistic measures	Measures indicating the outside dimensions, total weight, or volume inclusive of packing material of a logistic unit. Also known as gross-measures.
logistic unit	An item of any composition established for transport and/or storage that needs to be managed through the supply chain. It is identified with SSCC.
magnification	Different sizes of bar code symbols based on a nominal size and a fixed aspect ratio; stated as a percent or decimal equivalent of a nominal size.
Manufacturer's ID	See EAN.UCC Company Prefix.
Manufacturer's Number	See EAN.UCC Company Prefix.
measure check-digit	A digit calculated from the measure field of an Element String encoded using the EAN/UPC Symbology. Used to check that the data has been correctly composed.
module	The narrowest nominal width unit of measure in a bar code symbol. In certain symbologies, element widths may be specified as multiples of one module. Equivalent to X-dimension.
modulo	An arithmetic scheme in which the result is the remainder after division.
Modulo 10	Modulo 10 creates a Check Digit according to the Modulo 10 algorithm specified in the General EAN.UCC Specifications. The following EAN.UCC Data Structures use the Modulo 10 based Check Digit: GTINs: EAN/UCC-8, UCC-12, EAN/UCC-13, and EAN/UCC-14; GLNs: UCC-12 or EAN/UCC-13; SSCCs: see AI (00) definition; GSRNs: see AI (8018) definition; Shipment Identification Number (Bill of Lading): see AI (402) definition; and GRAI: see AI (8003) definition.
Modulo 103 UCC/EAN-128 Symbol Check Character	A number that results from a modulo calculation that is encoded in the UCC/EAN-128 Bar Code Symbol as a self-checking symbol character. It is created automatically by software as a symbol overhead character and is not expressed in the Human Readable Interpretation.
Natural Base	The side of a non-consumer trade item package that is used as a reference point for capturing dimensional attributes for the purpose of data alignment.
Non-GTIN <sup>®</sup> Packs	A packaging level for trade items where there is no trading partner requirement for GTIN identification. If a GTIN is required, then this item becomes a retail consumer trade item or standard trade item grouping.
Number System Character	See UCC Prefix.
Numbering Organisation (NO)	See EAN Member Organisation.
odd parity	A characteristic of the encodation of a symbol character whereby the symbol character contains an odd number of dark modules.
Packaging Indicator	See Indicator.

Packaging Type	See Extension digit.
payment slip	The end customer's notification of a demand for payment for a billable service (e.g., utility bill) comprising an amount payable and payment conditions.
Point-of-Sale (POS)	Refers to the retail type checkout where bar code symbols are normally scanned.
price check-digit	A digit calculated from the price field of an Element String encoded using the EAN/UPC Symbology. Used to check that the data has been correctly composed.
Primary bar code	The bar code containing the identification number of the item (e.g. GTIN <sup>®</sup> , SSCC, etc.). Used to determine the placement of any additional bar code information.
Print Gain Gauge	A printed test pattern used to determine the print gain mean and the range of print gain (press variance) as it relates to bar widths. It may also be used throughout the print run to indicate whether the anticipated range of print gain is experienced.
print gain/loss	See bar gain/loss.
printability gauge	See Print Gain Gauge.
Quiet Zone	A clear space containing no machine-readable marks, which precedes the Start Character of a bar code symbol and follows the Stop Character. Formerly referred to as "Clear Area" or "Light Margin."
Quiet Zone Indicator	A greater than (>) or less than (<) character, printed in the human readable field of the bar code symbol, with the tip aligned with the outer edge of the Quiet Zone.
Reduced Space Symbology <sup>®</sup> (RSS)	A family of bar code symbols, including RSS-14 <sup>®</sup> , RSS Limited <sup>®</sup> , RSS Expanded <sup>®</sup> , and RSS-14 <sup>®</sup> Stacked. Any member of the RSS family can be printed as a stand-alone linear symbol or as a composite symbol with an accompanying 2D Composite Component <sup>®</sup> printed directly above the RSS linear component.
Refund Receipt	A voucher produced by equipment handling empty containers (bottles and crates).
restricted distribution	Signifies that such system data may be applied on goods to be processed only in certain environments, defined by the Uniform Code Council (UCC <sup>®</sup> ) or the appropriate EAN International Member Organisation (e.g., a country, company, industry).
retail consumer trade item	The trade item intended to be sold to the end consumer at retail Point-of-Sale. They are identified with a unique EAN/UCC-13, UCC-12, or EAN/UCC-8 GTIN.
Retailer Zero-Suppression Code	A group of 4,500 ID numbers (separate from Local Assigned Codes), that enable the use of UPC-E Bar Codes in a closed system environment (not for open supply chain applications).

Returnable Asset	A reusable entity owned by a company that is used for transport and storage of goods.
RSS Composite Symbology <sup>®</sup> Family	A family of symbols comprised of the RSS-14 <sup>®</sup> Composite Symbology <sup>®</sup> , RSS-14 <sup>®</sup> Stacked Composite Symbology <sup>®</sup> , RSS Limited <sup>®</sup> Composite Symbology <sup>®</sup> , and RSS Expanded <sup>®</sup> Composite Symbology <sup>®</sup> .
RSS Expanded <sup>®</sup> Bar Code Symbol	A bar code symbol that encodes an EAN/UCC-14 Identification Number plus supplementary AI Element Strings, such as weight and “best before” date, in a linear symbol that can be scanned omnidirectionally by suitably programmed Point-of-Sale scanners.
RSS Expanded <sup>®</sup> Composite Symbology <sup>®</sup>	The RSS Composite Symbology <sup>®</sup> that utilises an RSS Expanded <sup>®</sup> Bar Code Symbol as the linear component.
RSS Expanded <sup>®</sup> Stacked Bar Code Symbol	A bar code symbol that is a variation of the RSS Expanded <sup>®</sup> Bar Code Symbol that is stacked in multiple rows and is used when the normal symbol would be too wide for the application.
RSS Expanded <sup>®</sup> Stacked Composite Bar Code Symbol	The RSS Composite Symbology <sup>®</sup> that utilises an RSS Expanded <sup>®</sup> Stacked Bar Code Symbol as the linear component.
RSS Limited <sup>®</sup> Bar Code Symbol	A bar code symbol that encodes an EAN/UCC-14 Identification Number with Indicators of zero or one in a linear symbol; for use on small items that will not be scanned at the Point-of-Sale.
RSS Limited <sup>®</sup> Composite Symbology <sup>®</sup>	The RSS Composite Symbology <sup>®</sup> that utilises an RSS Limited <sup>®</sup> Bar Code Symbol as the linear component.
RSS-14 <sup>®</sup> Bar Code Symbol	A bar code symbol that encodes an EAN/UCC-14 Identification Number in a linear symbol that can be scanned omnidirectionally by suitably programmed Point-of-Sale scanners.
RSS-14 <sup>®</sup> Composite Symbology <sup>®</sup>	The RSS Composite Symbology <sup>®</sup> that utilises an RSS-14 <sup>®</sup> Bar Code Symbol as the linear component.
RSS-14 <sup>®</sup> Stacked Bar Code Symbol	A bar code symbol that is a variation of the RSS-14 <sup>®</sup> Symbology that is stacked in two rows and is used when the normal symbol would be too wide for the application. It comes in two versions: a truncated version used for small item marking applications and a taller omnidirectional version that is designed to be read by omnidirectional scanners. RSS Expanded <sup>®</sup> can also be printed in multiple rows as a stacked symbol.
RSS-14 <sup>®</sup> Stacked Composite Symbology <sup>®</sup>	The RSS Composite Symbology <sup>®</sup> that utilises an RSS-14 <sup>®</sup> Stacked Bar Code Symbol as the linear component.
RZSC	Abbreviation for Retailer Zero-Suppression Code.

scanner	An electronic device to read bar code symbols and convert them into electrical signals understandable by a computer device.
Separator Character	Function Code 1 used to separate certain concatenated Element Strings, dependent on their positioning in the UCC/EAN-128 Bar Code Symbol.
Serial Reference	The part of the data structure allocated by the user that, in conjunction with the Extension digit, establishes a unique SSCC for a given EAN.UCC Company Prefix.
Serial Shipping Container Code	See SSCC.
special characters	Special characters are designated by the symbology specification. For UCC/EAN-128 symbology the special characters are the last 7 characters of codes sets A and B or the last 3 characters for code set C.
SSCC	Term used for the Serial Shipping Container Code. The unique identification of a logistic unit using an 18-digit data structure.
SSCC Serial Number	See Serial Reference.
standard numbering structures	See data structure.
standard trade item grouping	A standard composition for a trade item(s) that is not intended for Point-of-Sale scanning. They are identified with a unique EAN/UCC-14, EAN/UCC-13, or UCC-12 GTIN.
substrate	The material on which a bar code symbol is printed.
supplier	The party that produces, provides, or furnishes an item or service.
symbol	The combination of symbol characters and features required by a particular symbology, including Quiet Zone, Start and Stop Characters, data characters, and other auxiliary patterns, which together form a complete scannable entity; an instance of a symbology and a data structure.
symbol character	A group of bars and spaces in a symbol that is decoded as a single unit. It may represent an individual digit, letter, punctuation mark, control indicator, or multiple data characters.
Symbol Check Character	A symbol character or set of bar/space patterns included within a UCC/EAN-128 or RSS Symbol, the value of which is used by the bar code reader for the purpose of performing a mathematical check to ensure the accuracy of the scanned data. It is not shown in Human Readable Interpretation. It is not input to the bar code printer and is not transmitted by the bar code reader.
Symbol Contrast	An ISO 15416 parameter that measures the difference between the largest and smallest reflectance values in a Scan Reflectance Profile (SRP).
Symbol Control Character	See symbology element.

symbology	A defined method of representing numeric or alphabetic characters in a bar code; a type of bar code.
symbology element	A character or characters in a bar code symbol used to define the integrity and processing of the symbol itself (e.g., start and stop patterns). These elements are symbology overhead and are not part of the data conveyed by the bar code symbol.
Symbology identifier	A sequence of characters transmitted with the decoded data that identifies the data carrier from which the data has been decoded.
trade item	Any item (product or service) upon which there is a need to retrieve pre-defined information and that may be priced, or ordered, or invoiced at any point in any supply chain.
trade measures	Net measures of Variable Measure Trade Items as used for invoicing (billing) the trade item.
transaction type	Information (not part of the EAN.UCC System) denoting the particular operation in connection with which the scanned data has been captured.
truncation	Printing a symbol shorter than the symbology specification's minimum height recommendations. Truncation can make the symbol difficult for an operator to scan.
UCC Company Prefix	Part of the UCC-12 Data Structure consisting of a UCC Prefix and a Company Number allocated by the Uniform Code Council (UCC <sup>®</sup> ).
UCC Coupon Code	An identification number for coupons issued in a national currency that uses the UCC-12 Data Structure.
UCC Prefix	A one-digit index number administered by the Uniform Code Council (UCC <sup>®</sup> ), denoting the format and meaning of a particular Element String contained within the UCC-12 Data Structure.
UCC/EAN-128 Bar Code Symbol	A subset of the Code 128 that is utilised exclusively for UCC.EAN System data structures.
UCC/EAN-128 Composite Symbology <sup>®</sup>	A Composite Symbology <sup>®</sup> that utilises an UCC/EAN-128 Bar Code Symbol as the linear component.
UCC/EAN-128 Coupon Extended Code	A supplemental bar code that can be printed on a coupon next to the primary UCC Coupon Code to provide additional information, such as Offer Codes, expiration dates, and household identification numbers.
UCC-12 Data Structure	The 12-digit EAN.UCC System data structure composed of a UCC Company Prefix, Item Reference, and Check Digit.
UCC-12 Identification Number	The EAN.UCC System identification number comprising 12 digits; used to identify trade items, locations, and special applications (e.g., coupons).
UCC <sup>®</sup>	Abbreviation for the Uniform Code Council.

Uniform Code Council, Inc. <sup>®</sup>	The Uniform Code Council (UCC <sup>®</sup> ), based in the United States, is a membership organisation that jointly manages the EAN.UCC System with EAN International. The UCC also administers the EAN.UCC System in the United States and Canada.
unrestricted distribution	Signifies that such system data may be applied on goods to be processed anywhere in the world without restraint as to such things as country, company, and industry.
UPC-A Bar Code Symbol	A bar code symbol of the EAN/UPC Symbology that encodes UCC-12 Identification Numbers.
UPC-A Composite Symbology <sup>®</sup>	The EAN.UCC Composite Symbology <sup>®</sup> that utilises a UPC-A Bar Code Symbol as the linear component.
UPC-E Bar Code Symbol	A bar code symbol of the EAN/UPC Symbology representing a UCC-12 Identification Number in six explicitly encoded digits using zero-suppression techniques.
UPC-E Composite Symbology <sup>®</sup>	The EAN.UCC Composite Symbology <sup>®</sup> that utilises a UPC-E Bar Code Symbol as the linear component.
validation of data	Verification of scanned data to determine whether it meets the application rules for system logic and consistency and/or a particular user's requirements, prior to processing in EDP applications.
Variable Measure Trade Item	An item always produced in the same pre-defined version (e.g., type, design, packaging) that may be sold at any point in the supply chain, which either may vary in weight/size by its nature or which may be traded without a pre-defined weight/size/length.
wide-to-narrow ratio	The ratio between the wide elements and the narrow elements in a bar code symbology, such as ITF-14, which has two different element widths.
X-dimension	The specified width of the narrow element in a bar code symbol.