

GLOSSARY



A	
AANX	The IP-based network for the Australian automotive industry.
Accredited Standards Committee X12	The group authorized by the American National Standards Institute to develop and maintain the EDI Standards used primarily in the United States.
ACH	Automated Clearing House.
Advance Shipping Notice (ASN)	An electronic version of a printed packing slip that tells a buyer that goods have been shipped, how they have been packed items and the estimated arrival time. Also referred to as a Delivery Notice or Dispatch Advice.
AES	Advanced Encryption Standard. One of a number of standards for securing data during transmission by encrypting it.
American National Standards Institute (ANSI)	The national standards body for the United States. ANSI, through its accredited standards committees, keeps the standards for all applications of technology and mechanics for U.S. Industry. Business documents in the U.S. are often referred to by their ANSI code such as 850 (PO), 810 (Invoice) and 856 (ASN).
ANSI ASC X12	American National Standards Institute, Accredited Standards Committee X12, which comprises government and industry members who create EDI standards for submission to ANSI for approval and dissemination.
ANSI X12	The ANSI X12 standards developed for EDI.
ANX	The IP-based network for the US automotive industry.
Application	Computer data processing software such as Accounts Payable.
Application Acknowledgment	A transaction set whose purpose is to return a response to a transaction set that has been received and processed in an application program. For example, the Purchase Order Acknowledgment transaction is used to respond to the Purchase Order transaction with content such as whether the receiver can fulfill the order and if it can be done on time.
Application Advice	A transaction set that accepts, rejects or identifies errors in the content of any transaction set beyond normal syntax checks.
AS1	Applicability Statement (AS) 1. A protocol developed by the IETF to implement secure and reliable messaging over SMTP.

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AS2	Applicability Statement (AS) 2. A specification for Electronic Data Interchange (EDI) between businesses using the Internet's Web page protocol and the Hypertext Transfer Protocol (HTTP) AS2 was created by EDI over the Internet (EDIINT), a working group of the Internet Engineering Task Force (IETF) that develops secure and reliable business communications standards.
AS3	Applicability Statement (AS) 3. The most recent protocol developed by the IETF to implement secure and reliable messaging over FTP.
ASC	Application Service Provider; EDI providers that offer monthly EDI services that are available via the web.
ASN	See Advance Ship Notice.
Asynchronous	A communication technique by which each character is sent bit-serially and is surrounded by start and stop bits used to indicate character borders.
Attribute	A term used to describe a characteristic of an item. An attribute would hold a value to describe a characteristic such as pack height, length or width.
Audit trail	A computerized or manual record of transactions.
Authentication	A process allowing the receiver of a message to verify the identity of the originator (electronic signature) and/or the validity of the data contained within a message.
B	
B2B	Business to business; when one business communicates with or sells to another business
BAI	A Financial Services Group responsible for defining the Cash Management Balance Reporting Specifications. BAI1 and subsequently BAI2 were defined as the basis for agreement between a bank and its corporate customer on how data from the bank's account processing software would be communicated to the customer's account processing software.
Bar Code	An array of rectangular marks and spaces in a predetermined pattern. Usually used for automatic product or shipment identification.
Batch Control Totals	Ensures that batch processing has been performed correctly by comparing output to currency or quantity totals, record or document counts, or hash totals.

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Batch EDI	The processing of EDI data in discrete batches. Messages are stored and processed together in a single batch.
Batch Processing	The processing of computer information after it has accumulated in one group or batch.
Baud	The rate at which the signal changes when data is transmitted. It is often the same as the number of bits per second.
Bill of Lading	A document that is used by a vendor and a freight carrier that describes the freight classification of the goods being shipped by the vendor.
Binary	A system of numerical notation in which only the values of 0 and 1 are used.
Bisynchronous	A communication protocol whereby messages are sent as blocks of characters. The blocks of data are checked for completeness and accuracy by the receiving computer.
Business Document	A set of information components that are interchanged as part of a business activity.
Business Process	A set of related activities that, when correctly performed, will satisfy an explicit business goal.
C	
CEDI	The Common EDI Forum, which has developed a set of message implementation guidelines for the UK's grocery industry.
CEFACT	Also known as UN/CEFACT. The United Nations Center for Trade Facilitation and Electronic Business.
Classifier	A term used to describe how items such as products are grouped.
Clearing House	A third party used for centralizing the sending and receiving of electronic messages or documents between trading partners. Messages/documents are held by the third party until the receiver is
Communication Software	Programs that allow computers to communicate through modems. Some are capable of automatic communications, such as auto-dial and auto-answer.
Communications	The means of electronically linking two computers to exchange information.
Compliance Checking	Checking process used to ensure that a transmission complies with ANSI X12 syntax rules (US).

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Conditional (C)	A data element requirement designator that indicates that the presence of a specified data element is dependent on the value or presence of other data elements in the segment. The condition must be stated and must be able to be computer-processed.
Confirmation	A notification that the transmission has been received by the intended receiver. [See also Functional acknowledgment].
CONTRL	A message which is the EDIFACT equivalent of the Functional Acknowledgement (FA).
Control Envelope	Used to validate the receipt of correct and complete data.
Control Number	Also known as reference number. An identification number used to distinguish a standard data element (data element identifier) or a standard segment (segment identifier).
Control Segment	This is a data requirement designator that indicates that the presence of a specified data element is dependent on the value or presence of other data elements in the segment. The condition must be stated and must be able to be processed by a computer
Control Structure	The beginning and end (header and trailer) segments for entities in EDI.
Control Validation	Confirmation that information within the control segments is correct.
CPFR	Collaborative Planning, Forecasting and Replenishment. An industry initiative focused on improving the partnership between manufacturers and distributors/retailers through shared information.
D	
Data Element	Smallest named item in the EDI standard (qualifier, data value or textual comment) with two primary attributes, length and type. It is similar to a field in a database record (also see Element.). This is the basic unit of information in the EDI standards containing a set of values that represent a singular fact. It may be single-character codes, literal descriptions, or numeric values.
Data Element Delimiter	The single character delimiter follows the segment identifier and each data element in a segment except the last.
Data Element Length	This is the range, minimum to maximum, of the number of character positions available to represent the value of a data element. A data element may be of variable length and range from minimum to maximum, or it may be of fixed length in which the minimum is equal to the maximum.

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Data Element Reference Number	Unique identifier assigned to each data element.
Data Element Requirement Designator	This is a code defining the need for a data element value to appear in the segment if the segment is transmitted. The X12 codes are mandatory (M), optional (O), or conditional (C). The government may consider a segment “mandatory” even through it is “optional” by X12 standards.
Data Element Separator	This is a unique character preceding each data element that is used to delimit data elements within a segment. Government uses “*” as the delimiter.
Data Element Type	A data element may be one of six types: numeric, decimal, identifier, string, date, or time.
Data Element, Composite	Two or more related data items separated by a delimiter character, grouped together to form a unit or piece of information as defined in the data dictionary of a system of EDI Standards, and contained in an EDI message or transaction set.
Data pool	A GDSN-compliant mechanism for trading partners to share and synchronize data. As well as storing product data, a data pool provides the necessary functions and workflow to communicate with the GLOBALRegistry and with other data pools.
Data Segment	Intermediate unit of information in a message. A segment consists of a pre-defined set of functionally related data elements which are identified by sequential position within the set.
Data Segment Directory	Publication that shows the format of all segments in the standard.
Decryption	The translation of scrambled or secretly coded data at the receiving end of an encrypted transmission (See also Encryption).
Dedicated Line	A point-to-point line in a data communication system between two computer devices that is always connected.
Default Settings	Instructions to a computer, automatically establishing standard configurations at the time of logon. They eliminate the need to reconfigure at each sitting.
DELFOR	Delivery Forecast. EDI message of purchase order from a customer to a supplier and forecast delivery.

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Delimiter	A special character used to separate fields of data. The three different delimiters that are used in an EDI file are the segment delimiter, the element delimiter, and the sub-element delimiter.
Delimiters	Integral part of the transferred data stream, they consist of two levels of separators and a terminator. Delimiters are specified in the interchange header. From highest to lowest level, the separators and terminator are
DELINS	Delivery Instruction. EDI message aimed at forwarding delivery requests.
Delivery Notice	European term for an ASN.
DELJIT	Just In Time delivery message. EDI message Delivery Request.
DES	Data Encryption Standard. One of a number of standards for securing data during transmission by encrypting it.
DESADV	Despatch Advice. EDI message of shipping notice.
DISA	Data Interchange Standards Association. The trade organization that acts as secretariat for ANSI ASC X12 and the Pan-American EDIFACT Board in the United States.
Document	Structured file that is sent to a trading partner. With ASC X12 usage, a document is a transaction set.
Document Type	A standard business document type such as Purchase Order, Health Care Claim, Motor Carrier Shipment Information, etc.
Download	The process of receiving data from another computer at a remote site onto the computer under the control of the operator.
DSD	Direct Store Delivery. The practice of delivering product directly to store and notifying the store of the delivery electronically rather than by paper.
DSS	Decision Support System. Software designed to assist in decision-making by providing analytical programs and data available on mainframes by linking computers to mainframes.
DSTU	Draft Standard for Trial Use. A standard approved by the ANSI ASC X12 committee prior to full approval by ANSI.
DUNS Number	A nine-digit number assigned and maintained by Dun and Bradstreet to identify unique business establishments. DUNS numbers are assigned worldwide and include US, Canadian, and international organizations.
E	

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EAI	Enterprise Application Integration. A term used to describe software tools that support integrating applications across a company or enterprise.
EAN	European Article Numbering (EAN) is the European equivalent of a UPS number
EANCOM	A subset of EDIFACT messages, developed by GS1, to allow trading partners to exchange commercial documents in a simple, accurate and cost effective manner.
ebXML	A standard for an e-business framework that enables enterprises of any size, in any location, to meet and conduct business electronically. Developed under the auspices of OASIS and UN/CEFACT.
EDI	See Electronic Data Interchange.
EDI Translation	The conversion of application data to and from a standard format.
EDI Translator	Computer software used to perform the conversion of application data to and from a standard. Usually licensed rather than developed in-house. May have subsystems for mapping, auditing, and document management.
EDIFACT	UN/EDIFACT is a set of rules from the United Nations for Electronic Data Interchange. These rules apply for Administration, Trade and Transport. They allow communication between independent Information Systems.
EDIFICE	B2B industry group in high tech and electronics industries in Europe. Also EDIFACT EDI standard subset for those industries.
EFT (Electronic Funds transfer)	Electronic payment in which funds are transferred between bank accounts at different financial institutions.
EIAJ	Japanese EDI standard.
Electronic Commerce	Conducting business between computers through the use of digital exchange.
Electronic Data Interchange	The computer-to-computer transfer of business transaction information using standard, industry-accepted message formats.
Electronic Envelope	An electronic envelope consists of codes that mark the boundaries of electronic documents. The electronic envelope contains EDI documents, sender and receiver information.
Electronic Mail	The process of sending, receiving, storing, and/or forwarding messages

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	in digital form via telecommunication.
Element	A building block in an EDI document. Elements are grouped together to produce segments, which in turn are grouped together to form an EDI document. (Also see Data Element.)
Element Delimiter	Single character delimiter; follows the segment identifier and each data element in a segment except the last.
Element Reference Number	The number that identifies each element from the segment diagram with its corresponding definition in the data dictionary.
E-Mail	The standard abbreviation for Electronic Mail.
Encryption	The process of transforming clear text (data in its original form) into cipher text (the output of a cryptographic algorithm) for security or privacy.
Encryption	The electronic scrambling of a document to prevent it being read by parties other than the intended recipient.
End-User	Anyone who uses a computer system or its output.
Envelope	The combination of header, trailer, and sometimes other control segments, that define the start and end of an individual EDI message.
ENX	The IP-based network for the European automotive industry.
EPC	Electronic product code. A 96-bit number whose format is governed by EPCglobal, a subsidiary of the GS1 standards body. Each RFID tag will contain a unique EPC.
EPCglobal	A subsidiary of the EAN.UCC international standards body which governs the format of EPCs.
ERP	Enterprise Resource Planning. Software that allows to manage all the business processes of a company by integrating all the functions such as human resources management, accounting and financial management, but also sales, distribution, supply, electronic trade.
Evaluated Receipts Settlement	Method for initiating payment to a supplier that replaces the invoice. Used primarily in the auto industry. First the price is agreed upon by a blanket or other purchase order. Next, a material release tells the supplier the quantity to deliver. An advance ship notice confirms the quantity actually being delivered, and payment is triggered upon receipt.

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Event-Driven EDI	Applications and translator exchanging message sets as soon as they are created or received.
eXtensible Markup Language	An open standard for describing data defined by the World Wide Web Consortium (W3C).
F	
Flat File (Raw Data)	Sometimes referred to as interface file, is designed to hold EDI data prior to and following translation or transmission to and from a trading partner.
Functional Acknowledgment	An ASC X12 transaction set (997), which acts as a certified mail receipt to confirm that the intended recipient actually received the EDI documents that have been sent. Provides transaction syntax level error reporting.
Functional Group Segments (GS/GE)	These segments identify a specific functional group of documents such as purchase orders.
G	
Gateway	A connection between two networks which allows messages to be routed from one to the other. A communications interface between one system and another.
I	
IDEA	International Data Exchange Association. Organization based in Brussels that promotes the global expansion of EDI.
IDOC	Intermediate Document. A standard data structure for electronic data interchange between application programs written for the popular SAP business system or between an SAP application and an external program. IDOCs serve as the vehicle for data transfer in SAP's Application Link Enabling (ALE) system.
IETF	See Internet Engineering Task Force.
Implementation Guide	A publication listing EDI messages that are in use in a particular industry or application. It indicates how the information in those messages should be presented on a segment-by-segment, and data-element-by-data-element basis, including which segments and data elements are needed, which are not and what code values will be expected in the application of that particular message.

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Industry Specific	Useful to only one particular group of companies grouped together by a common area of endeavor. In EDI it refers to the ability of an EDI Standard to be used by only one industry.
Integration	The process of making one application compatible with another application, often across multiple file formats
Interactive EDI	Two applications exchanging EDI directly within a preprogrammed context.
Interchange	Collection of functional groups sent from one trading partner to another.
Interchange Control Header	The data segment that indicates and identifies the beginning of an interchange.
Interchange Control Structure	The interchange header and trailer segments that envelop one or more functional groups or interchange-related control segments and perform the following functions: (1) define the data element separators and the data segment terminators, (2) identify the sender and receiver, (3) provide control information for the interchange, and (4) allow for authorization and security information (X12.5).
Interchange Control Trailer	The data segment that indicates the end of an interchange.
Interchange Envelope	Specific data transmission information in the header and trailer segments, representing an exchange between a single sender/receiver combination, ISA/IEA-approved.
Interconnect	Two VANs who link to one another's address.
Internet EDI	EDI communication between trading partners facilitated over the Internet using the AS2 standards.
Internet Engineering Task Force	A large open international community of network designers, operators, vendors, and researchers concerned with the evolution of the Internet architecture and the smooth operation of the Internet.
INVOIC	EDI message invoice / credit note.
Invoice	A request for payment that communicates to a buyer the specific items, price, and quantities delivered that must be paid for by the buyer. Payment terms will usually accompany the billing information.
ISA	Interchange control header identifier
ISO	International Standards Organization. An international organization, working with the United Nations, that maintains the standards for all

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	applications of technology and mechanics for global industry.
J	
JIT	Just In Time. A technique of managing inventory pioneered in Japan, under which materials are delivered by suppliers to a manufacturer as they are needed for production, rather than for storage or inventory.
JNX	The IP-based network for the Japanese automotive industry.
K	
KNX	The IP-based network for the Korean automotive industry.
L	
Loop	A group of semantically related segments; these segments may be either bounded or unbounded (X12.6). The N1 loop is an example of a loop, which includes Segments N1 to PER for name and address information.
M	
Mailbag	ANSI-defined standard for interconnects between VAN (EDI) addresses.
Mailbox	An electronic data storage location within a network service which is set aside for a specific user to hold messages.
Mandatory (M)	A data element/segment requirement designator which indicates the presence of a specified data element is required.
Manifest	A document from the vendor who is shipping goods to a customer that describes where the goods will arrive. Multiple destinations may be included.
Mapping	A process of identifying the relationship of standard EDI data elements to application data elements. A map is the link between a trading partner's proprietary data format and the related EDI transaction set.
Max Use	The maximum number of times that a segment can be used at the location in a transaction set.
Message	The entire data stream including the outer envelope
Message Header	The service segment starting and uniquely identifying a message.
Message Standards	The system of syntax, data elements, segments and messages (transaction sets) with which EDI will be conducted.

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Message Structured Diagram	The graphic display of the layout of a message.
Message Switching	The routing of a direct transfer message between computers through the services of a third-party service provider.
Message Trailer	The service segment ending a message.
Message Type	An identified and structured set of data elements covering the requirements for a specified type of transaction, e.g., an invoice.
Modem	Abbreviated form of Modulator/Demodulator. The electronic device that connects the computer to a telephone line to allow communications.
N	
NAK	A form of negative acknowledgment of an error detection in the transmission.
National Standards Body	The organization in a country that is tasked with keeping the standards for all applications of technology and mechanics for the industry of that country.
Network	An electronic communications system that links computers together to allow EDI to take place.
Network Management	Identifies fault, accounting, configuration, security, and performance management.
Network Service Provider	A company that maintains a network and offers its services and capabilities to others for a fee.
Notification of Shipment	A transaction set that advises of the delivery schedule and provides a description of the shipment.
O	
OASIS	Organization for the Advancement of Structured Information Standards. A not-for-profit global consortium that drives the development, convergence and adoption of e-business standards.
Object	Any entity about which we store data and the operations to manipulate that data.
ODETTE	Organization for Data Exchange Through Teletransmission in Europe. Refers to both the European automotive industry body and the EDIFACT EDI standard subset for that industry.

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OFTP	The Odette File Transfer Protocol is the communication protocol used mainly in the automotive industry.
OFTP	ODETTE File Transfer Protocol. The messaging protocol for the European automotive industry.
Open Network	A network with which outside parties can communicate.
Optional (O)	An EDI data element/segment requirement designator that indicates the presence of a specified data element/segment is at the option of the sending party and can be used on the mutual agreement of the interchange parties.
ORDER	EDI message of order.
OSI	Open Systems Interconnect. Structure based on seven-layer model developed by ISO, which will allow different computer manufacturers' machines to communicate with one another.
P	
Paperwork	The documents that have been traditionally used to convey information in a business transaction.
PIDEX	XML document schema used in the Energy industry.
Pilot	The process of testing a part of the final system as a gauge to determine the viability of a concept prior to implementing the system for full production.
Pilot Project	A project conducted between two or more EDI trading partners to test the viability of a proposed EDI System.
PIP	Partner Interface Processes. RosettaNet PIPs define business processes between trading partners via XML-based dialogs.
Platform	The type of computer system being used.
Proprietary Ordering System	An industry company-specific system that allows a supplier to provide order entry capabilities to its customers.
Proprietary Standard	An industry/company-specific data format developed by a company for transmission of data to and from its trading partners. Proprietary formats do not comply with the ASC X12 series of standards.
Protocol	Communication standards that determine message content and format, enabling uniformity of transmissions.

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Protocol Conversion	The process of allowing two systems with different protocols to communicate.
Purchase Order	A document issued by a buyer to a seller that details the terms of sale under which the buyer will purchase the seller's goods.
Purchase Order Acknowledgment	Confirmation to the buyer that the supplier will be filling the purchase order as requested.
Q	
Qualifier	Data element used to identify the type of information that gives a segment or element meaning.
R	
Ramp	A program of activity to electronically enable a group of trading partners to send and receive documents in agreed formats.
Real Time EDI	The immediate processing of EDI messages, often resulting in a rapid response back to the message originator.
Receiver	The party to whom the EDI message or transaction set is transmitted.
Receiving Advice Transaction	A transaction set that includes the quantity, description and condition of the product received.
Registry	A mechanism whereby relevant repository items, and metadata about them, can be registered so that a pointer to their location, and all their metadata, can be retrieved as a result of a query.
Repeating Segment	A segment that may be used more than once at a given location in a transaction set.
Repository	A location or set of distributed locations which hold the data (such as that associated with a product), pointed at by a registry, and from where the data can be retrieved.
RFID	Radio Frequency Identification. A technology that allows data held on a microchip to be broadcast using a wireless transmitter. Data from the RFID chip can be read even when the chip is not in line of sight.
RFID (radio frequency identification)	A technology that incorporates the use of electromagnetic or electrostatic coupling in the radio frequency (RF) portion of the electromagnetic spectrum to uniquely identify an object, animal, or person. RFID is coming into increasing use in industry as an alternative to the bar code. The advantage of RFID is that it does not require direct contact or line-of-sight scanning. An RFID system consists of three

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	components: an antenna and transceiver (often combined into one reader) and a transponder (the tag).
RosettaNet	Global, not for profit, standards organization in the high tech industry. See also PIPs.
S	
Secure FTP	See SFTP.
Segment	A group of elements which, when appropriately assembled, comprise an EDI document.
Segment Code	A code that uniquely identifies each segment as specified in a segment directory.
Segment Delimiter Character	Marks the end of a variable-length segment.
Segment Diagram	The schematic that depicts the format and composition of a segment.
Segment Directory	A listing of the segments unique to the specific system of EDI standards being used, and usually part of the data dictionary.
Segment Hierarchy	The order of occurrence of segments within a transaction set.
Segment Identifier	A predefined code that identifies the segment.
Segment Name	A name that identifies the segment.
Segment Qualifier	A data element that gives the segment a specific meaning.
Segment Specifications	Distinct attributes of a segment, including structure and content.
Segment Tag	A composite data element, in which the first component data element contains a code that uniquely identifies a segment as specified in the relevant segment directory. Additional component data elements can be conditionally used to indicate the hierarchical level and nesting relationship in a message and the incidence of a segment's repetition [EDIFACT].
Segment Terminator	A special character that indicates the end of a segment.
Seller	The party in a business transaction who sells goods or services to a buyer for good and valuable consideration.
Sender	The party who transmits the EDI messages.

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Sender/Receiver ID	A unique number or series of characters which identifies a trading partner on all EDI networks.
Sequence Table	A portion of a standard that indicates the possible segments, their sequence, and their attributes for each area of a transaction set.
SFTP	Simple File Transfer Protocol. A network protocol that provides file transfer and manipulation functionality over any reliable data stream. It is typically used with the SSH-2 protocol to provide secure file transfer. (See also SSH).
Shipment Notification	An EDI transaction sent by the shipper of material to the receiver advising that the shipment has been sent, and providing details such as manifest, PO number, estimated time of arrival, carrier, etc.
Simple data elements	A data element containing a single value.
SMTP	Simple Mail Transfer Protocol. The protocol that is most commonly used for transferring email between servers over the Internet.
SOAP	Simple Object Access Protocol. A lightweight XML based protocol for exchanging structured information in a decentralized, distributed environment, defined by the W3C.
Software	The programs residing on disk, tape, or other storage media used by the computer to accomplish its tasks.
Spoke	EDI term that refers to a trading partner, usually a supplier to a buyer company (known as a Hub).
SSH	Secure Shell. A set of standards and an associated network protocol that allows a secure channel to be established between a local and remote computer.
Standards	Something established for use as a rule or basis of comparison. In the context of EDI, this usually refers to the system of message standards that are in use between trading partners.
Standards Body	A committee, usually made up of representatives of the users of a given Standard, and either accepted by industry or charged by a government to maintain the Standards in question.
Standards, Proprietary	Those systems of EDI messages that are developed by the trading partners themselves for a specific application, and do not fit in any of the systems of Standards developed by any of the accepted Standards Bodies around the world.

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Standards, Public	Those systems of EDI messages that are prepared and published by or through the accepted Standards Bodies around the world.
Store and Forward	A type of messaging service that allows an EDI transmission to be forwarded when convenient to the sender and transmitted immediately to the recipient.
Store and Retrieve	Usually used in conjunction with a mail box system; provides for the storage of a message transmission until the intended receiver accesses the system and retrieves the message.
Supply Chain	A sequence of events, which may include conversion, movement or placement, which adds value to goods, products, or services.
Syntax	The grammar or rules which defines the structure of the EDI standards (i.e. the use of loops, qualifier, etc.). Syntax rules are published in ANSI X12.6.
T	
Tag	The unique identifier used with segment and data elements.
TCP/IP	Network protocol for the Internet.
TDCC	Transportation Data Coordinating Committee. This is the original EDI organization for the United States. Through its efforts, the first EDI Standards were developed, published, and maintained. It is now EDIA, and has become the national EDI user group for the United States.
TDED	U.N. Trade Data Element Dictionary.
TDI	Trading Data Interchange. Abbreviation for EDI common in Europe.
Third-party	A party other than the sender or retriever, such as a Network Service Provider, or software developer providing goods or services, in this case in support of the transmission of Information in EDI other than the sender or receiver.
Tradacoms	UK EDI standard developed by GS1 (when GS1 was a different entity called ANA).
Trading Partner	Term used by customers, suppliers, and vendors to indicate they are in an EDI relationship
Trading Partner	The entity with which EDI is carried on. This may be either the sender or the receiver of information in EDI.
Trading Partner	A company or business entity with which you exchange data electronically.

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Trading Partner Agreement	The agreement between trading partners that sets forth electronic conditions and terms for conducting trade.
Trailer	The specific segment that in simplest terms, tells the receiving computer where an Individual EDI message ends.
Transaction	A single electronic document sent to a single Trading Partner (e.g. Purchase Order number 12345 sent to John Doe Trading Co).
Transaction Level Acknowledgment	Acknowledgment of receipt and totality of data in a transmission of a functional group or individual transaction set.
Transaction Set	A document that unambiguously defines, in the standard syntax, information of business or strategic significance and consists of a header segment, one or more data segments in a specified order, and a trailer segment.
Transaction Set	A standardized file layout comprised of Segments (records), Data Elements (fields) and Qualifiers (codes), which together allow the communication of the business information contained on most standard business documents (e.g. Purchase Order).
Transaction Set Diagram	A graphic presentation in a valid transaction that specifies the sequence of segment order.
Transaction Set Header Area	Contains segment information pertinent to the total transaction set.
Transaction Set Header Segment	Signifies the beginning of a transaction set.
Transaction set ID	An identifier that uniquely identifies the transaction set. This identifier is the first data element of the transaction set header segment.
Transaction Set Level	The processing of a transaction set, including sending and receiving.
Transaction Set Line Item Area	Encompasses the actual business transaction set and includes information, such as quantities, descriptions and prices.
Transaction Set Standards	The system of syntax, data elements, segments, and transaction sets (messages) with which EDI will be conducted
Transaction Set Summary Area	Contains control information and other data that relate to the total transaction.
Transaction Set Trailer Segment	Signifies the end of a transaction set.

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Translation	The process of converting information to and from EDI standard formats.
Translator	A program used to convert information from flat file to EDI format, or from EDI format to flat file.
Transmission Acknowledgment	The acknowledgment that a total transmission was received with no error detected.
Transmission Group	A collection of one or more functional groups. Also known as an Interchange.
U	
UCC	The Uniform Code Council. The organization that oversees the standards for product identification and related electronic communications. The UCC oversaw the Universal Product Code (UPC) in the United States – now superseded by GTINs – as well as Uniform Communication Standards (UCS) for EDI in the grocery industry and Warehouse Information Network Standards (WINS) in the warehousing and transportation industry.
UCC 128 label	Code 128 is a barcode standard that is used for several applications and is also referred to as ISBT 128, UCC-128, EAN-128 and USS Code 128. It is a very high-density symbology that can encode text, numbers, several functions and the entire 128 character ASCII character set. Placed on shipments; refers to the information contained in the ASN
UCS	A subset of the ANSI X12 EDI standard.
UDDI	Universal Description, Discovery, and Integration. It is an XML-based registry for businesses worldwide to list themselves on the Internet.
UN/CEFACT	The United Nations Center for Trade Facilitation and Electronic Business. It supports activities dedicated to improving the ability of business, trade and administrative organizations to exchange products and services effectively.
UPC	Universal Product Code (UPC) is a unique product identification number that is used by items that will be scanned at Point-Of-Sale.
User	An entity, either an individual or a company, who utilizes a computer or system of standards for a specific purpose like EDI.
User Group	An organization of individuals and/or companies who come together to deal with the needs of those who wish to employ a technique or technology in a unified manner. User groups are discussion

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	organizations.
V	
Validation	The process of determining that compliance standards have been met by a particular document in an EDI transmission.
Value Added Network	An EDI service provider offering a communication link between companies to enable the exchange of electronic documents. These providers offer additional services such as message validation and document traffic reports.
VAN	See Value-Added Network.
Variable-Length File	A file with segments containing data elements that can vary between minimum and maximum requirements, but which have no set fixed length. A data element delimiter is required to mark the end of the element and a segment delimiter character is needed to mark the end of the segment.
VDA	German EDI data standard in the automotive industry.
Vendor	Any company that provides supplies to a retailer/distributor.
Vendor Managed Inventory (VMI)	A system of inventory replenishment in which the vendor accepts responsibility for maintaining customer's inventory levels of the vendor's products by monitoring POS and inventory information sent by the customer. This is usually automated through EDI to achieve as smooth a flow of replenishment as possible.
Version/Release	Identifies the publication of the standard being used for the generation or the interpretation of data in the X12 standard format.
VICS	Voluntary Inter-industry Commerce Standard (VICS) is used by the general merchandise retail industry. VICS EDI is a subset of the ASC X12 national standard. For more information consult the web site.
VICS	A subset of the ANSI X12 EDI standard.
VPN	Virtual Private Network.
W	
W3C	The usual abbreviation for the World Wide Web Consortium.
Web-EDI	A generic term for the transmitting of structured business messages over the internet. This may include solutions such as a logon to a portal and inputting commercial transactional information into a form on a

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	website using an internet browser. This method requires an element of manual intervention.
WINS	Warehouse Information Network Standards. A set of EDI standards for warehousing and distribution. WINS is a subset of the ANSI X12 national standard.
World Wide Web Consortium	The body that defines standards (such as HTTP) for the Internet.
WSDL	Web Services description language.
X	
X.25	International standard for packet switching.
X.400	International standard for the exchange of electronic mail messages between diverse mail systems.
X.435	International standard for security, auditability and functionality for EDI transactions, including the ability to integrate EDI and Electronic Mail.
X.500	International standard for Messaging and Directory Services Telecommunications.
X12	The ANSI committee responsible for the development and maintenance of standards for EDI.
X25	Network protocol, still widely used.
X400	Early email system popular in Europe.
X500	Directory services standard of the CCITT.
XML	The usual abbreviation for Extensible Markup Language - an open standard for describing data defined by the World Wide Web Consortium (W3C).
XML (Extensible Markup Language)	A flexible way to create common information formats and share both the format and the data on the World Wide Web, intranets, and elsewhere. For example, computer makers might agree on a standard or common way to describe the information about a computer product (processor speed, memory size, and so forth) and then describe the product information format with XML. Such a standard way of describing data would enable a user to send an intelligent agent (a program) to each computer maker's Web site, gather data, and then make a valid comparison. XML can be used by any individual or group of individuals or companies that wants to share information in a consistent way.

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