X12 Common EDI Transaction Keys

270/271	Eligibility Inquiry & Response
276/277	Claim Status Inquiry & Response
278	Health Services Review request & reply
810	Invoice
820	Payroll Deducted & Other Group Premium Payment for Insurance Products
834	Benefits enrollment and maintenance
835	Electronic Remittances
837	Medical Claims with Subtypes for Professional, Institutional, and Dental Varieties
846	Inventory Inquiry
850	Purchase Order
852	Product Activity Data
855	Purchase Order Acknowledgement
856	Shipment Notice/Manifest
860	Purchase Order Change
894	Delivery/Return Base Record
940	Warehouse Ship Order
945	Warehouse Ship Advice
997	Functional Acknowledgement

Envelopes

The structure for all documents begins and ends with an envelope. The envelope is usually made up of the ISA segment and the GS segments. There can be more than one GS segment per file, but there should only be one ISA segment per file. The ISA is a special segment. Whereas all the other segments are delimited, and therefore can be of varying lenghts, the ISA segment is of fixed width. This is because it tells you how to read the rest of the file.
Start with the last three characters of the ISA segment. Those will tell you the element delimiter, the sub-element delimiter, and the segment delimiter

X12 | EDIFACT Mapping

PRODUCT/PRICING TRANSACTIONS		
Price Sales Catalog	832	PRICAT
Electronic Bid Form	833	--
Contract Award	836	--
Request For Quotation	840	REQOTE
Specification/Technical Information	841	PRDSPE
Response To Request For Quotation	843	QUOTES
Price Authorization Acknowledgement/Status	845	ATHSTS
ORDERING TRANSACTIONS		
Purchase Order	850	ORDERS
Product Activity Data	852	SLSRPT
Purchase Order Acknowledgement	855	ORDRSP
Purchase Order Change	860	ORDCHG
Purchase Order Change Acknowledgment	865	ORDSP
Order Status Inquiry	869	ORSSTA
Order Status Report	870	ORDREP

X12 Mandatory Segments

ISA	Interchange Header - This contains information about the sender and recipient;
GS	Functional Group Header - segment of a set of X12 documents of the same document type (transaction set). Here you'll find information about the functional group, e.g. codes for the sender, recipient, and date/time of preparation;
ST	Transaction Set Header - segment of an X12 document. This marks the start of a transaction set in an interchange;

X12 Mandatory Segments (cont)

SE	Transaction Set Trailer - segment of an X12 document. This marks the end of a transaction set;
GE	Functional Group Trailer - segment of a set of X12 documents of the same transaction set. It tells you the number of functional groups and the control group number. It also marks the end of a group of transaction sets; and
IEA	End of Interchange - It contains information about the number of functional groups and the interchange control reference number.

Communication Protocols

VAN (Value Added Network)	Private network provider (sometimes called turnkey communcations line) hired by a company to facilitate EDI
AS2 (Applicability Statement 2)	Specification about how to transport data securely and reliably over the internet. Security is achieved by using digital certificates and encryption
FTP/sFTP (File Transfer Protocol)	Standard network protocol used to transfer files from one host to another over TCP-based network like the Internet.

Sponsored by **ApolloPad.com**
Everyone has a novel in them. Finish Yours!
https://apollopad.com