

EDI (Electronic Data Interchange) Cheat Sheet by ZMonk91 (zspitfireo4) via cheatography.com/50566/cs/15216/

X12 Com	mon 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 Acknowled- gement
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

X12 EDIFACT Mapping		
PRODUCT/PRICING TRA	NSAC	TIONS
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 TRANSACTI	ONS	
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

X12 Mandatory Segments

Order Status Inquiry

Order Status Report

ISA Interchange Header - This contains information about the sender and recipient;

869

870

ORSSTA

ORDREP

- 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;

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

Internet.



element delimiter, the sub-element delimiter, and the segment delimiter

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