

832 Price/Sales Catalog for IMS

ANSI X12-4010

Supplier Implementation Guide

Document Version 1.0

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832 Price/Sales Catalog

Functional Group ID=SC

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Price/Sales Catalog Transaction Set (832) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to furnishing or requesting the price of goods or services in the form of a catalog.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BCT	Beginning Segment for Price/Sales Catalog	M	1		
	070	DTM	Date/Time Reference	O	10		
			LOOP ID - N1			>1	
	150	N1	Name	O	1		
	170	N3	Address Information	O	2		
	180	N4	Geographic Location	O	>1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - LIN			>1	
	010	LIN	Item Identification	O	1		
	015	G53	Maintenance Type	O	1		n1
	040	REF	Reference Identification	O	>1		
	070	PID	Product/Item Description	O	200		
	100	PO4	Item Physical Details	O	1		
	110	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1		
			LOOP ID - CTP			100	
	170	CTP	Pricing Information	O	1		
			LOOP ID - N1			>1	
	230	N1	Name	O	1		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	010	CTT	Transaction Totals	O	1		n2
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If BCT10 is used and G5301 is used, then the G5301 takes precedence.
2. Number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 832 Price/Sales Catalog	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **BCT** Beginning Segment for Price/Sales Catalog
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BCT01	683	Catalog Purpose Code Code indicating purpose of catalog PC Price Catalog	M ID 2/2
	BCT10	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	O ID 2/2

Segment: **DTM** **Date/Time Reference**
Position: 070
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time 007 Effective	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD Effective Date	

Segment: **N1** Name
Position: 150
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:
Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Data Element Summary				
Ref.	Data			
Des.	Element	Name	Attributes	
M	N101	98 Entity Identifier Code	M	ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual		
		VN Vendor		
	N102	93 Name	X	AN 1/60
		Free-form name		
		CVS Vendor Name		
	N103	66 Identification Code Qualifier	X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		11 Drug Enforcement Administration (DEA)		
	N104	67 Identification Code	X	AN 2/80
		Code identifying a party or other code		
		CVS Warehouse DEA Number (Or Equivalent to OV's Division Number)		

Segment: N3 Address Information
Position: 170
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information	M AN 1/55
			Address information	
			OV Division Address information	

Segment: **N4 Geographic Location**
Position: 180
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
		OV Division City	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
		OV Division State	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
		OV Division Postal Code	

Segment:	LIN Item Identification
Position:	010
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	1 See the Data Dictionary for a complete list of IDs. 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
LIN01	350	Assigned Identification	O	AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set		
M	LIN02	235 Product/Service ID Qualifier	M	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VC Vendor's (Seller's) Catalog Number		
M	LIN03	234 Product/Service ID	M	AN 1/48
		Identifying number for a product or service		
		OV Item Number		
	LIN04	235 Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		ND National Drug Code (NDC)		
	LIN05	234 Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		NDC Number		
	LIN06	235 Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		UI U.P.C. Consumer Package Code (1-5-5)		
	LIN07	234 Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		UPC Number		
	LIN08	235 Product/Service ID Qualifier	X	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)
A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit

LIN09	234	Product/Service ID	X	AN 1/48
Identifying number for a product or service				
GTIN Number				

Segment: **G53** Maintenance Type
Position: 015
Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the specific type of item maintenance
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	G5301	875	Maintenance Type Code	M ID 3/3
Code identifying the specific type of item maintenance				
001 Change				
002 Delete				
003 Add Full Item Detail				

Segment: **REF** **Reference Identification**
Position: 040
Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:
Notes: This segment will only be used when the item is a dropship item.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification ZZ Mutually Defined	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier DS	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content Dropship	X AN 1/80

Segment:	PID Product/Item Description
Position:	070
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID04 is required. 5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate. 4 PID09 is used to identify the language being used in PID05.
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03.

Data Element Summary				
Ref.	Data	Name	Attributes	
<u>Des.</u>	<u>Element</u>			
M	PID01	349 Item Description Type	M	ID 1/1
		Code indicating the format of a description		
		F Free-form		
	PID02	750 Product/Process Characteristic Code	O	ID 2/3
		Code identifying the general class of a product or process characteristic		
		OT Over-the-Counter Drug		
		RX Prescription Drug		
	PID03	559 Agency Qualifier Code	X	ID 2/2
		Code identifying the agency assigning the code values		
		AS Assigned by Seller		
	PID04	751 Product Description Code	X	AN 1/12
		A code from an industry code list which provides specific data about a product characteristic		
		G Generic		
		B Brand		
	PID05	352 Description	X	AN 1/80
		A free-form description to clarify the related data elements and their content		
		Item Description with form, strength, and size		

Segment:	PO4 Item Physical Details
Position:	100
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:	1 If either PO402 or PO403 is present, then the other is required. 2 If PO405 is present, then PO406 is required. 3 If either PO406 or PO407 is present, then the other is required. 4 If either PO408 or PO409 is present, then the other is required. 5 If PO410 is present, then PO413 is required. 6 If PO411 is present, then PO413 is required. 7 If PO412 is present, then PO413 is required. 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required. 9 If PO417 is present, then PO416 is required. 10 If PO418 is present, then PO404 is required.
Semantic Notes:	1 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package. 2 PO416 is the package identifier or the beginning package identifier in a range of identifiers. 3 PO417 is the ending package identifier in a range of identifiers. 4 PO418 is the number of packages in this layer.
Comments:	1 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ". 2 PO413 defines the unit of measure for PO410, PO411, and PO412.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO401	356	Pack	O N0 1/6
		The number of inner containers, or number of eaches if there are no inner containers, per outer container	
		Pack Size	
PO402	357	Size	X R 1/8
		Size of supplier units in pack	
		Unit Size	
PO403	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
PO418	1470	Number	O N0 1/9
		A generic number	
		Accunet Size	

Segment:	TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)
Position:	110
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required. 2 If TD402 is present, then TD403 is required.
Semantic Notes:	1 TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.
Comments:	
Notes:	This segment will only be used when the item is a refrigerated item.

Data Element Summary			
Ref.	Data	Name	Attributes
Des.	Element		
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		MRF Refrigerated	
TD404	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		Refrigerated	

Segment: **CTP Pricing Information**
Position: 170
Loop: CTP Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify pricing information
Syntax Notes:

- 1 If either CTP04 or CTP05 is present, then the other is required.
- 2 If CTP06 is present, then CTP07 is required.
- 3 If CTP09 is present, then CTP02 is required.
- 4 If CTP10 is present, then CTP02 is required.
- 5 If CTP11 is present, then CTP03 is required.

Semantic Notes:

- 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
- 2 CTP08 is the rebate amount.

Comments:

- 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04.
See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Data Element Summary			
Ref. Des.	Data Element	Name	Attributes
CTP02	236	Price Identifier Code	X ID 3/3
		Code identifying pricing specification	
		INV Invoice Billing Price	
CTP03	212	Unit Price	X R 1/17
		Price per unit of product, service, commodity, etc.	
		Invoice Price	

Segment: **N1** Name
Position: 230
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:
Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			MF Manufacturer of Goods	
	N102	93	Name	X AN 1/60
			Free-form name	
			Vendor Name	

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes:
 1 If either CTT03 or CTT04 is present, then the other is required.
 2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: **1** This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items	M N0 1/6
Total number of line items in the transaction set				
Total number of line items (LIN Loops) in the transaction set				

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

CVSHealth Product Catalog, 832 Example:

ISA*00**00**ZZ*SENDERID*ZZ*CVSPROD*180929*0406*U*00401*200000109*0*P*>~
GS*SC*SENDERID*CVSPROD*20260716*0406*200000109*X*004010~
ST*832*0001~
BCT*PC*****00~
DTM*007*20180929~
N1*VN*VENDOR NAME*11*2A123~
N3*ONE POST SREET~
N4*SAN FRANCISCO*CA*94104~
LIN**VC*1100098***UI*38137003111*UK*12345678910110~
PID*F*OTC*AS*B*JOHNSONS SFT LOT 24HR 14OZ~
PO4*1*420*EA~
CTP**INV*3.60~
N1*MF*J J CONSUMER INC~
CTT*1~
SE*13*0001~
GE*1*200000109~
IEA*1*200000109~