

Electronic Data Interchange (EDI) Implementation Guide

867 Product Transfer and Resale Report

X12 V.6020

Version: 1.1

This guide is intended to facilitate the implementation of the EDI 867 transaction with Sigma Santé. It complies with the X12 Rel.6020 Standards and more specifically to the 867 HC Product Transfer and Resale Report V.6020HC 2012 developed by the GS1 Canada Healthcare Technical Standards Work Group in collaboration with major industry players (suppliers and institutions).

Overview

Section One: General Information

- EDI and its Benefits
- Interchange and Functional Group ID Information

Section Two: EDI 867 Guidelines

Appendix A: EDI 867 Sample File

Section One: General Information

What is EDI?

Electronic Data Interchange (EDI) is the electronic interchange of business information using a standardized format; a process which allows one company to send information to another company electronically rather than with paper. Business entities conducting business electronically are called Trading Partners.

What benefits can you get from EDI?

EDI (Electronic Data Interchange) provides trading partners with an efficient tool for the automatic transmission of business data from one computer application directly to another. Companies do not need to worry about different incompatible computer systems. Through the use of EDI message standards, data may be communicated quickly, efficiently and accurately, irrespective of the users' internal hardware and software types.

The successful implementation of EDI provides major benefits for all the trading partners involved:

- **Cost efficiency** - significantly reducing the volume of paper to be handled and re-keyed, results in immediate savings in administrative and personnel costs. Staff can be redeployed to other more value added functions within the organization.
- **Increased speed** - large volumes of commercial data can be communicated from one computer to another in a matter of minutes, enabling faster response and greater customer satisfaction.
- **Improved accuracy** - EDI eliminates the inevitable errors resulting from manual data input.
- **Better logistics management and increased productivity** - EDI enables companies to better manage and control production, purchasing and delivery requirements. EDI is a key component of just in time manufacturing and quick response customer supplier links, resulting in significant reductions in inventory levels, out-of-stock items and returns of goods

Interchange and Functional Group ID Information:

Sigma Santé

Production:

- ISA ID Qualifier: ZZ
- ISA ID: SIGMASANTE
- GS ID: SIGMASANTE

Test:

- ISA ID Qualifier: ZZ
- ISA ID: SIGMASANTET
- GS ID: SIGMASANTET

GACEQ (Groupe d'approvisionnement en commun de l'Est du Québec)

Production:

- ISA ID Qualifier: ZZ
- ISA ID: GACEQ
- GS ID: GACEQ

Test:

- ISA ID Qualifier: ZZ
- ISA ID: GACEQT
- GS ID: GACEQT

GACOQ (Groupe d'approvisionnement en commun de l'Ouest du Québec)

Production:

- ISA ID Qualifier: ZZ
- ISA ID: GACOQ
- GS ID: GACOQ

Test:

- ISA ID Qualifier: ZZ
- ISA ID: GACOQT
- GS ID: GACOQT

Section Two: EDI 867 Guidelines

Table of Contents

Section One: General Information iii

Product Transfer and Resale Report..... 1

Interchange Control Header 2

Functional Group Header..... 4

Transaction Set Header 6

Beginning Segment for Product Transfer and Resale 7

Currency..... 8

Date/Time Reference 9

Party Identification..... 10

Product Transfer and Resale Detail 11

Date/Time Reference 12

Reference Information 13

Party Identification..... 14

Additional Name Information..... 15

Party Location..... 15

Geographic Location..... 16

Reference Information 17

Quantity Information 18

Item Identification..... 19

Unit Detail..... 21

Monetary Amount Information..... 22

Product/Item Description 23

Transaction Totals 23

Transaction Set Trailer 24

Functional Group Trailer 25

Interchange Control Trailer 26

Appendix A: EDI 867 Sample File 27

867**Product Transfer and Resale Report****Functional Group=PT**

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer, and demand beyond actual sales (lost orders). Report may be issued by either buyer or seller.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	BPT	Beginning Segment for Product Transfer and Resale	M	1			Must use
0400	CUR	Currency	O	1			Used
0500	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					>1		
0800	N1	Party Identification	O	1			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - PTD					>1		
0100	PTD	Product Transfer and Resale Detail	M	1			Must use
0200	DTM	Date/Time Reference	O	10			Used
0300	REF	Reference Information	O	20			Used
LOOP ID - N1					5		
0500	N1	Party Identification	O	1			Used
0600	N2	Additional Name Information	O	2			Used
0700	N3	Party Location	O	2			Used
0800	N4	Geographic Location	O	1			Used
0900	REF	Reference Information	O	20			Used
LOOP ID - QTY					>1		
1100	QTY	Quantity Information	O	1			Used
1200	LIN	Item Identification	O	1			Used
1300	UIT	Unit Detail	O	12			Used
1400	AMT	Monetary Amount Information	O	12			Used
1500	PID	Product/Item Description	O	200			Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - CTT					1	N3/0100L	
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0300	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use				
<p>Description: Code identifying the type of information in the Authorization Information</p> <p>CodeList Summary (Total Codes: 9, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No Authorization Information Present (No Meaningful Information in I02)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	00	No Authorization Information Present (No Meaningful Information in I02)
<u>Code</u>	<u>Name</u>									
00	No Authorization Information Present (No Meaningful Information in I02)									
ISA02	I02	Authorization Information	M	AN	10/10	Must use				
<p>Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)</p>										
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use				
<p>Description: Code identifying the type of information in the Security Information</p> <p>CodeList Summary (Total Codes: 2, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No Security Information Present (No Meaningful Information in I04)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	00	No Security Information Present (No Meaningful Information in I04)
<u>Code</u>	<u>Name</u>									
00	No Security Information Present (No Meaningful Information in I04)									
ISA04	I04	Security Information	M	AN	10/10	Must use				
<p>Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)</p>										
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use				
<p>Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>CodeList Summary (Total Codes: 41)</p>										
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use				
<p>Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element</p>										
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use				
<p>Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>CodeList Summary (Total Codes: 41)</p>										

ISA08	I07	Interchange Receiver ID Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them	M	AN	15/15	Must use						
ISA09	I08	Interchange Date Description: Date of the interchange	M	DT	6/6	Must use						
ISA10	I09	Interchange Time Description: Time of the interchange	M	TM	4/4	Must use						
ISA11	I65	Repetition Separator Description: this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator	M		1/1	Must use						
ISA12	I11	Interchange Control Version Number Code Description: Code specifying the version number of the interchange control segments CodeList Summary (Total Codes: 28, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00602</td> <td>Standards Approved for Publication by ASC X12 Procedures Review Board through October 2009</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	00602	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2009	M	ID	5/5	Must use		
<u>Code</u>	<u>Name</u>											
00602	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2009											
ISA13	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Must use						
ISA14	I13	Acknowledgment Requested Code Description: Code indicating sender's request for an interchange acknowledgment CodeList Summary (Total Codes: 2, Included: 2) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Interchange Acknowledgment Requested</td> </tr> <tr> <td>1</td> <td>Interchange Acknowledgment Requested (TA1)</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	0	No Interchange Acknowledgment Requested	1	Interchange Acknowledgment Requested (TA1)	M	ID	1/1	Must use
<u>Code</u>	<u>Name</u>											
0	No Interchange Acknowledgment Requested											
1	Interchange Acknowledgment Requested (TA1)											
ISA15	I14	Interchange Usage Indicator Code Description: Code indicating whether data enclosed by this interchange envelope is test, production or information CodeList Summary (Total Codes: 3, Included: 2) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>P</td> <td>Production Data</td> </tr> <tr> <td>T</td> <td>Test Data</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	P	Production Data	T	Test Data	M	ID	1/1	Must use
<u>Code</u>	<u>Name</u>											
P	Production Data											
T	Test Data											
ISA16	I15	Component Element Separator Description: this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use						

GS**Functional Group Header**

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use**Purpose:** To indicate the beginning of a functional group and to provide control information**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 261, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		PT		Product Transfer and Resale Report (867)		
GS02	142	Application Sender's Code	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	Time	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	Group Control Number	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		CodeList Summary (Total Codes: 2, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		X		Accredited Standards Committee X12		
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the				

release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 74, Included: 1)

<u>Code</u>	<u>Name</u>
006020	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2009

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		CodeList Summary (Total Codes: 319, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		867		Product Transfer and Resale Report		
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

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).

BPT Beginning Segment for Product Transfer and Resale

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
BPT01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set CodeList Summary (Total Codes: 67, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>Original</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	00	Original	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>									
00	Original									
BPT02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O	AN	1/80	Used				
BPT03	373	Date Description: Date expressed as CCYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use				
BPT04	755	Report Type Code Description: Code indicating the title or contents of a document, report or supporting item CodeList Summary (Total Codes: 553, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>SS</td> <td>Seller Sales Report</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	SS	Seller Sales Report	O	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
SS	Seller Sales Report									

Semantics:

1. BPT02 identifies the transfer/resale number.
2. BPT03 identifies the transfer/resale date.

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1524, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		SE		Selling Party		
CUR02	100	Currency Code	M	ID	3/3	Must use
Description: Code (Standard ISO) for country in whose currency the charges are specified						
User Note 1: See External Code Source 5						

DTM Date/Time Reference

Pos: 0500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
Description: Code specifying type of date or time, or both date and time						
CodeList Summary (Total Codes: 1307, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		090		Report Start		
		091		Report End		
DTM02	373	Date	X	DT	8/8	Used
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

N1

Party Identification

Pos: 0800	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>										
N101	98	Entity Identifier Code	M	ID	2/3	Must use										
<p>Description: Code identifying an organizational entity, a physical location, property or an individual</p> <p>CodeList Summary (Total Codes: 1524, Included: 4)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>DB</td> <td>Distributor Branch</td> </tr> <tr> <td>DS</td> <td>Distributor</td> </tr> <tr> <td>MF</td> <td>Manufacturer of Goods</td> </tr> <tr> <td>VN</td> <td>Vendor</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	DB	Distributor Branch	DS	Distributor	MF	Manufacturer of Goods	VN	Vendor
<u>Code</u>	<u>Name</u>															
DB	Distributor Branch															
DS	Distributor															
MF	Manufacturer of Goods															
VN	Vendor															
N102	93	Name	X	AN	1/60	Used										
<p>Description: Free-form name</p>																
N103	66	Identification Code Qualifier	X	ID	1/2	Used										
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>CodeList Summary (Total Codes: 254, Included: 3)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>9</td> <td>D-U-N-S + 4, D-U-N-S Number with Four Character Suffix</td> </tr> <tr> <td>91</td> <td>Assigned by Seller or Seller's Agent</td> </tr> <tr> <td>92</td> <td>Assigned by Buyer or Buyer's Agent</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	9	D-U-N-S + 4, D-U-N-S Number with Four Character Suffix	91	Assigned by Seller or Seller's Agent	92	Assigned by Buyer or Buyer's Agent		
<u>Code</u>	<u>Name</u>															
9	D-U-N-S + 4, D-U-N-S Number with Four Character Suffix															
91	Assigned by Seller or Seller's Agent															
92	Assigned by Buyer or Buyer's Agent															
N104	67	Identification Code	X	AN	2/80	Used										
<p>Description: Code identifying a party or other code</p>																

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.

PTD Product Transfer and Resale Detail

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: PTD	Elements: 3

User Option (Usage): Must use

Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
PTD01	521	Product Transfer Type Code Description: Code identifying the type of product transfer CodeList Summary (Total Codes: 57, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>SS</td> <td>Stock Sale</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	SS	Stock Sale	M	ID	2/2	Must use				
<u>Code</u>	<u>Name</u>													
SS	Stock Sale													
PTD04	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification CodeList Summary (Total Codes: 1813, Included: 3) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CT</td> <td>Contract Number</td> </tr> <tr> <td>Q1</td> <td>Quote Number</td> </tr> <tr> <td>VC</td> <td>Vendor Contract Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CT	Contract Number	Q1	Quote Number	VC	Vendor Contract Number	X	ID	2/3	Used
<u>Code</u>	<u>Name</u>													
CT	Contract Number													
Q1	Quote Number													
VC	Vendor Contract Number													
PTD05	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/80	Used								

Syntax Rules:

1. P0405 - If either PTD04 or PTD05 is present, then the other is required.

DTM Date/Time Reference

Pos: 0200	Max: 10
Detail - Optional	
Loop: PTD	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
Description: Code specifying type of date or time, or both date and time						
CodeList Summary (Total Codes: 1307, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		003		Invoice		
		004		Purchase Order		
		011		Shipped		
DTM02	373	Date	X	DT	8/8	Used
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						

REF Reference Information

Pos: 0300	Max: 20
Detail - Optional	
Loop: PTD	Elements: 2

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1813, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		IV	Seller's Invoice Number			
		OQ	Order Number			
REF02	127	Reference Identification	X	AN	1/80	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

N1

Party Identification

Pos: 0500	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
N101	98	Entity Identifier Code	M	ID	2/3	Must use								
<p>Description: Code identifying an organizational entity, a physical location, property or an individual</p> <p>CodeList Summary (Total Codes: 1524, Included: 3)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BS</td> <td>Bill and Ship To</td> </tr> <tr> <td>BT</td> <td>Bill-to-Party</td> </tr> <tr> <td>ST</td> <td>Ship To</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	BS	Bill and Ship To	BT	Bill-to-Party	ST	Ship To
<u>Code</u>	<u>Name</u>													
BS	Bill and Ship To													
BT	Bill-to-Party													
ST	Ship To													
N102	93	Name	M	AN	1/60	Must use								
<p>Description: Free-form name</p>														
N103	66	Identification Code Qualifier	M	ID	1/2	Must use								
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>CodeList Summary (Total Codes: 254, Included: 2)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>91</td> <td>Assigned by Seller or Seller's Agent</td> </tr> <tr> <td>92</td> <td>Assigned by Buyer or Buyer's Agent</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	91	Assigned by Seller or Seller's Agent	92	Assigned by Buyer or Buyer's Agent		
<u>Code</u>	<u>Name</u>													
91	Assigned by Seller or Seller's Agent													
92	Assigned by Buyer or Buyer's Agent													
N104	67	Identification Code	M	AN	2/80	Must use								
<p>Description: Code identifying a party or other code</p>														

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.

N2

Additional Name Information

Pos: 0600	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name	O	AN	1/60	Used
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

N3

Party Location

Pos: 0700	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4**Geographic Location**

Pos: 0800	Max: 1
Detail - Optional	
Loop: N1	Elements: 5

User Option (Usage): Used**Purpose:** To specify the geographic place of the named party**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name Description: Free-form text for city name	O	AN	2/30	Used
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency User Note 1: See External Code Source 22	X	ID	2/2	Used
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States) User Note 1: See External Code Source 51	O	ID	3/15	Used
N404	26	Country Code Description: Code identifying the country	O	ID	2/3	Used

REF Reference Information

Pos: 0900	Max: 20
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use				
<p>Description: Code qualifying the Reference Identification</p> <p>User Note 1: <i>Only order number is used</i></p> <p>CodeList Summary (Total Codes: 1813, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>OR</td> <td>Order/Paragraph Number</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	OR	Order/Paragraph Number
<u>Code</u>	<u>Name</u>									
OR	Order/Paragraph Number									
REF02	127	Reference Identification	X	AN	1/80	Used				
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>										

QTY Quantity Information

Pos: 1100	Max: 1
Detail - Optional	
Loop: QTY	Elements: 3

User Option (Usage): Used
Purpose: To specify quantity information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY01	673	Quantity Qualifier	M	ID	2/2	Must use
Description: Code specifying the type of quantity						
CodeList Summary (Total Codes: 1136, Included: 4)						
		<u>Code</u>		<u>Name</u>		
		32		Quantity Sold		
		39		Shipped Quantity		
		74		Damaged Goods		
		76		Returns		
QTY02	380	Quantity	X	R	1/15	Used
Description: Numeric value of quantity						
QTY03	C001	Composite Unit of Measure	O	Comp		Used
Description: To identify a composite unit of measure(See Figures Appendix for examples of use)						
QTY03-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
CodeList Summary (Total Codes: 903, all other codes on contract are acceptable)						
		<u>Code</u>		<u>Name</u>		
		BX		Box		
		CA		Case		
		EA		Each		

LIN Item Identification

Pos: 1200	Max: 1
Detail - Optional	
Loop: QTY	Elements: 5

User Option (Usage): Used

Purpose: To specify basic item identification data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	Assigned Identification	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<u>Code</u>		<u>Name</u>		
		EN		GTIN EAN/UCC - 13 Digit Data Structure		
		Description: Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)				
		EO		GTIN EAN/UCC - 8 Digit Data Structure		
		Description: Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)				
		UK		GTIN 14-digit Data Structure		
		Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)				
		UP		GTIN UCC - 12 Digit Data Structure		
		Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)				
LIN03	234	Product/Service ID	M	AN	1/80	Must use
		Description: Identifying number for a product or service				
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<u>Code</u>		<u>Name</u>		
		IN		Buyer's Item Number		
		VC		Vendor's (Seller's) Catalog Number		
LIN05	234	Product/Service ID	X	AN	1/80	Used
		Description: Identifying number for a product or service				
LIN06	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

		<u>Code</u>	<u>Name</u>				
		LT	Lot Number				
		SN	Serial Number				
LIN07	234	Product/Service ID		X	AN	1/80	Used
		Description: Identifying number for a product or service					
LIN08	235	Product/Service ID Qualifier		X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		<u>Code</u>	<u>Name</u>				
		MF	Manufacturer				
LIN09	234	Product/Service ID		X	AN	1/80	Used
		Description: Identifying number for a product or service					

Syntax Rules:

If either LIN04 or LIN05 is present, then the other is required. If either LIN06 or LIN07 is present, then the other is required. If wither LIN08 or LIN09 is present, then the other is required.

Semantics:

LIN01 is the line item identification

UIT Unit Detail

Pos: 1300	Max: 12
Detail - Optional	
Loop: QTY	Elements: 3

User Option (Usage): Used

Purpose: To specify item unit data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
UIT01	C001	Composite Unit of Measure Description: To identify a composite unit of measure(See Figures Appendix for examples of use)	M	Comp		Must use								
UIT01-01	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CodeList Summary (Total Codes: 903, all other codes on contract are acceptable) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BX</td> <td>Box</td> </tr> <tr> <td>CA</td> <td>Case</td> </tr> <tr> <td>EA</td> <td>Each</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BX	Box	CA	Case	EA	Each	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>													
BX	Box													
CA	Case													
EA	Each													
UIT02	212	Unit Price Description: Price per unit of product, service, commodity, etc.	X	R	1/17	Used								
UIT03	639	Basis of Unit Price Code Description: Code identifying the type of unit price for an item CodeList Summary (Total Codes: 101, Included: 3) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CA</td> <td>Catalog</td> </tr> <tr> <td>CT</td> <td>Contract</td> </tr> <tr> <td>RS</td> <td>Resale Price</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CA	Catalog	CT	Contract	RS	Resale Price	O	ID	2/2	Used
<u>Code</u>	<u>Name</u>													
CA	Catalog													
CT	Contract													
RS	Resale Price													

Syntax Rules:

1. C0302 - If UIT03 is present, then UIT02 is required.

AMT Monetary Amount Information

Pos: 1400	Max: 12
Detail - Optional	
Loop: QTY	Elements: 2

User Option (Usage): Used
Purpose: To indicate the total monetary amount

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AMT01	522	Amount Qualifier Code	M	ID	1/3	Must use
Description: Code to qualify amount						
CodeList Summary (Total Codes: 1771, Included: 4)						
		<u>Code</u>		<u>Name</u>		
		1		Line Item Total		
		CC		Chargeback Claim Amount		
		CM		Claimant Requested Total		
				Description: <i>The total monies requested for a claim</i>		
		Z3		Unit Cost of Discrepant Material		
AMT02	782	Monetary Amount	M	R	1/18	Must use
Description: Monetary amount						

PID Product/Item Description

Pos: 1500	Max: 200
Detail - Optional	
Loop: QTY	Elements: 3

User Option (Usage): Used

Purpose: To describe a product or process in coded or free-form format

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
PID01	349	Item Description Type Description: Code indicating the format of a description CodeList Summary (Total Codes: 3, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>F</td> <td>Free-form</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	F	Free-form	M	ID	1/1	Must use
<u>Code</u>	<u>Name</u>									
F	Free-form									
PID03	559	Agency Qualifier Code Description: Code identifying the agency assigning the code values CodeList Summary (Total Codes: 195, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>UA</td> <td>(UN/SPSC) United Nations Products and Services Classification Code</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	UA	(UN/SPSC) United Nations Products and Services Classification Code	X	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
UA	(UN/SPSC) United Nations Products and Services Classification Code									
PID05	352	Description Description: A free-form description to clarify the related data elements and their content	X	AN	1/80	Used				

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items Description: Total number of line items in the transaction set	M	NO	1/6	Must use

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set User Note 1: <i>This must be the same number as is in the ST segment (ST02) for the transaction set.</i>	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	Group Control Number	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA

Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	Number of Included Functional Groups Description: A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Must use

Appendix A: EDI 867 Sample File

```

ISA*00*      *00*      *ZZ*SUPPLIER  *ZZ*SIGMASANTE  *140909*1018*U*00602*000023431*0*P*|
GS*PO* SUPPLIER* SIGMASANTE*20140925*101834*000023432*X*006020
ST*867*000023433
BPT*00*140925*20140925*SS
CUR*SE*CAD
DTM*090*20140301
DTM*091*20140331
N1*MF*SUPPLIER ABC*9*999999990000
PTD*SS***CT*12345
DTM*011*20140331
REF*IV*99999IN
N1*BS*SIGMA SANTE*92*99999-99
N3*123 RUE PRINCIPALE
N4*QUEBEC*QC*A1A 1A1*CA
REF*IV*99999IN
QTY*32*100*EA
LIN*1*UP*99999999993*VC*555555-N*LT*99999933
UIT*EA*500*CT
AMT*1*50000
PID*F****PRODUCT DESCRIPTION
PTD*SS***CT*12345
DTM*011*20140330
REF*IV*888888IN
N1*BS*SIGMA SANTE*92*99999-99
N3*123 RUE PRINCIPALE
N4*QUEBEC*QC*A1A 1A1*CA
REF*IV*888888IN
QTY*32*100*EA
LIN*1*UP*99999999993*VC*555555-N*LT*99999933
UIT*EA*500*CT
AMT*1*50000
PID*F****PRODUCT DESCRIPTION
PTD*SS***CT*12345
DTM*011*20140328
REF*IV*55555IN
N1*BS*SIGMA SANTE*92*99999-99
N3*123 RUE PRINCIPALE
N4*QUEBEC*QC*A1A 1A1*CA
REF*IV*55555IN
QTY*32*100*EA
LIN*1*UP*999999777899*VC*555222-N*LT*99992223
UIT*EA*500*CT
AMT*1*50000
PID*F****PRODUCT DESCRIPTION
PTD*SS***CT*12345
DTM*011*20140328
REF*IV*55555IN
QTY*32*100*EA
LIN*1*UP*999999444455*VC*222222-N*LT*96688997
UIT*EA*500*CT
AMT*1*50000
PID*F****PRODUCT DESCRIPTION
CTT*4
SE*52*000023433
GE*1*000023432
IEA*1*000023431

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