

Inbound X12 850 Version 004010

For Ordering Shrink Wrap Product

Version: ANSI ASC X12 850 4010

Author:	Adobe EDI
Company:	
Modified:	9/29/2015

850

Purchase Order

Functional Group=PO

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) 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 the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

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			Optional
	GS	Functional Group Header	M	1			Optional

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>
010	ST	Transaction Set Header	M	1			Mandatory
020	BEG	Beginning Segment for Purchase Order	M	1			Mandatory
040	CUR	Currency	M	1			Mandatory
050	REF	Reference Identification	M	>1			Optional
150	DTM	Date/Time Reference	O	10			Optional
150	DTM	Date/Time Reference	O	10			Optional

<u>LOOP ID - N1</u>					<u>200</u>		
310	N1	Name	M	1			Mandatory

<u>LOOP ID - N1</u>					<u>200</u>		
310	N1	Name	M	1			Mandatory

<u>LOOP ID - N1</u>					<u>200</u>		
310	N1	Name	M	1			Mandatory

<u>LOOP ID - N1</u>					<u>200</u>		
310	N1	Name	M	1			Mandatory
320	N2	Additional Name Information	O	2			Optional
330	N3	Address Information	M	2			Mandatory
340	N4	Geographic Location	M	>1			Mandatory
360	PER	Administrative Communications Contact	O	>1			Optional

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>
<u>LOOP ID - PO1</u>					<u>100000</u>	<u>N2/010L</u>	
010	PO1	Baseline Item Data	M	1		N2/010	Mandatory
210	DTM	Date/Time Reference	O	10			Optional

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>
<u>LOOP ID - CTT</u>					<u>1</u>	<u>N3/010L</u>	
010	CTT	Transaction Totals	O	1		N3/010	Mandatory
020	AMT	Monetary Amount	O	1		N3/020	Optional
030	SE	Transaction Set Trailer	M	1			Mandatory

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			Optional
	IEA	Interchange Control Trailer	M	1			Optional

Notes:

- 2/010L PO102 is required.
- 2/010 PO102 is required.
- 3/010L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
- 3/010 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
- 3/020 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

ISA Interchange Control Header

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

User Option (Usage): Optional

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	Mandatory				
<p>Description: Code to identify the type of information in the Authorization Information</p> <p>CodeList Summary (Total Codes: 7, 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	Mandatory				
<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	Mandatory				
<p>Description: Code to identify 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	Mandatory				
<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	Mandatory				
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified All valid X12 codes are used. (Total Codes: 38)</p>										
ISA06	I06	Interchange Sender ID	M	AN	15/15	Mandatory				
<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	Mandatory				
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>CodeList Summary (Total Codes: 38, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>16</td> <td>Duns Number With 4-Character Suffix</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	16	Duns Number With 4-Character Suffix
<u>Code</u>	<u>Name</u>									
16	Duns Number With 4-Character Suffix									
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Mandatory				
<p>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</p>										

sending to them will use this as a receiving ID to route data to them

Adobe: Production ID : 102096559PROD
 Test ID : 102096559TEST

ISA09	I08	Interchange Date Description: Date of the interchange	M	DT	6/6	Mandatory						
ISA10	I09	Interchange Time Description: Time of the interchange	M	TM	4/4	Mandatory						
ISA11	I10	Interchange Control Standards Identifier Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer All valid X12 codes are used. (Total Codes: 1)	M	ID	1/1	Mandatory						
ISA12	I11	Interchange Control Version Number Description: This version number covers the interchange control segments CodeList Summary (Total Codes: 14, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00401</td> <td>Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997	M	ID	5/5	Mandatory		
<u>Code</u>	<u>Name</u>											
00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997											
ISA13	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Mandatory						
ISA14	I13	Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1) All valid X12 codes are used. (Total Codes: 2)	M	ID	1/1	Mandatory						
ISA15	I14	Usage Indicator Description: Code to indicate 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	Mandatory
<u>Code</u>	<u>Name</u>											
P	Production Data											
T	Test Data											
ISA16	I15	Component Element Separator Description: Type is not applicable; the component element separator is a delimiter and not a data element; 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	Mandatory						

GS Functional Group Header

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

User Option (Usage): Optional

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 Description: Code identifying a group of application related transaction sets CodeList Summary (Total Codes: 234, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>PO</td> <td>Purchase Order (850)</td> </tr> </table>	<u>Code</u>	<u>Name</u>	PO	Purchase Order (850)	M	ID	2/2	Mandatory
<u>Code</u>	<u>Name</u>									
PO	Purchase Order (850)									
GS02	142	Application Sender's Code Description: Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Mandatory				
GS03	124	Application Receiver's Code Description: Code identifying party receiving transmission. Codes agreed to by trading partners Adobe: PRODUCTION ID : 102096559PROD TEST ID : 102096559TEST	M	AN	2/15	Mandatory				
GS04	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Mandatory				
GS05	337	Time 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)	M	TM	4/8	Mandatory				
GS06	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Mandatory				
GS07	455	Responsible Agency Code Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard CodeList Summary (Total Codes: 2, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>X</td> <td>Accredited Standards Committee X12</td> </tr> </table>	<u>Code</u>	<u>Name</u>	X	Accredited Standards Committee X12	M	ID	1/2	Mandatory
<u>Code</u>	<u>Name</u>									
X	Accredited Standards Committee X12									
GS08	480	Version / Release / Industry Identifier Code 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	M	AN	1/12	Mandatory				

CodeList Summary (Total Codes: 36, Included: 1)

<u>Code</u>	<u>Name</u>
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

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

User Option (Usage): Mandatory

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

EXAMPLE:

*Example: ST*850*130581*

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	Mandatory
Description: Code uniquely identifying a Transaction Set						
CodeList Summary (Total Codes: 298, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		850		Purchase Order		
ST02	329	Transaction Set Control Number	M	AN	4/9	Mandatory
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) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BEG

Beginning Segment for Purchase Order

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Mandatory

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

EXAMPLE:

Example: *BEG*00*NE*MH80312**20150831*

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage										
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Mandatory										
Description: Code identifying purpose of transaction set CodeList Summary (Total Codes: 65, Included: 1) <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>Original</td> </tr> </tbody> </table>							Code	Name	00	Original						
Code	Name															
00	Original															
BEG02	92	Purchase Order Type Code	M	ID	2/2	Mandatory										
Description: Code specifying the type of Purchase Order CodeList Summary (Total Codes: 70, Included: 2) <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>NE</td> <td>New Order</td> </tr> <tr> <td colspan="2">Adobe: Shrink Wrap</td> </tr> <tr> <td>SA</td> <td>Stand-alone Order</td> </tr> <tr> <td colspan="2">Adobe: Shrink Wrap</td> </tr> </tbody> </table>							Code	Name	NE	New Order	Adobe: Shrink Wrap		SA	Stand-alone Order	Adobe: Shrink Wrap	
Code	Name															
NE	New Order															
Adobe: Shrink Wrap																
SA	Stand-alone Order															
Adobe: Shrink Wrap																
BEG03	324	Purchase Order Number	M	AN	1/22	Mandatory										
Description: Identifying number for Purchase Order assigned by the orderer/purchaser Adobe: The maximum PO length for Adobe's back office is 20 characters. PO numbers exceeding 20 characters will be truncated by Adobe's back office system to the first 20 characters read.																
BEG05	373	Date	M	DT	8/8	Mandatory										
Description: Date expressed as CCYYMMDD																

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

CUR Currency

Pos: 040	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Mandatory

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

EXAMPLE:

*Example: CUR*SE*USD*

Adobe:

Currency is MANDATORY and must be sent.

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 Description: Code identifying an organizational entity, a physical location, property or an individual CodeList Summary (Total Codes: 1312, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>SE</td> <td>Selling Party</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	SE	Selling Party	M	ID	2/3	Mandatory
<u>Code</u>	<u>Name</u>									
SE	Selling Party									
CUR02	100	Currency Code Description: Code (Standard ISO) for country in whose currency the charges are specified	M	ID	3/3	Mandatory				

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF Reference Identification

Pos: 050	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 2

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

EXAMPLE:

*Example: REF*CT*123456*

Adobe:

This reference identification is used by Adobe to communicate the buying party's contract 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>				
REF01	128	Reference Identification Qualifier	M	ID	2/3	Mandatory				
<p>Description: Code qualifying the Reference Identification</p> <p>Adobe: REF with CT qualifier contains the contract number between the partner originating the PO and Adobe.</p> <p>CodeList Summary (Total Codes: 1503, Included: 1)</p> <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> </tbody> </table>							<u>Code</u>	<u>Name</u>	CT	Contract Number
<u>Code</u>	<u>Name</u>									
CT	Contract Number									
REF02	127	Reference Identification	M	AN	1/30	Mandatory				
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>										

Semantics:

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

DTM Date/Time Reference

Pos: 150	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Optional
Purpose: To specify pertinent dates and times

EXAMPLE:

*Example: DTM*010*20150831*

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	Mandatory
Description: Code specifying type of date or time, or both date and time						
CodeList Summary (Total Codes: 1112, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		010		Requested Ship		
DTM02	373	Date	M	DT	8/8	Mandatory
Description: Date expressed as CCYYMMDD						

DTM Date/Time Reference

Pos: 150	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Optional
Purpose: To specify pertinent dates and times

EXAMPLE:

*Example: DTM*002*20150901*

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	Mandatory
Description: Code specifying type of date or time, or both date and time						
CodeList Summary (Total Codes: 1112, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		002		Delivery Requested		
DTM02	373	Date	M	DT	8/8	Mandatory
Description: Date expressed as CCYYMMDD						

N1 Name

Pos: 310	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Mandatory

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

COMPTIA:

In this Header position of the Purchase Order document, this segment identifies the destination party. It is encouraged that the trading partners codify all addresses within their systems.

EXAMPLE:

*Example: N1*BY*BUYING PARTY*ZZ*04332571*

Adobe:

ID codes are utilized for location identification. Additions, Enhancements, or Changes to the Sold-To ID will require extra configuration on Adobe's Part. Please contact your Adobe Business Representative to provide any changes or additions for Sold-To ID.

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 Description: Code identifying an organizational entity, a physical location, property or an individual Adobe: All parties are required to process the purchase order. CodeList Summary (Total Codes: 1312, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BY</td> <td>Buying Party (Purchaser) Adobe: This code represents the Sold to party</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BY	Buying Party (Purchaser) Adobe: This code represents the Sold to party	M	ID	2/3	Mandatory				
<u>Code</u>	<u>Name</u>													
BY	Buying Party (Purchaser) Adobe: This code represents the Sold to party													
N102	93	Name Description: Free-form name	C	AN	1/60	Mandatory								
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) CodeList Summary (Total Codes: 215, Included: 3) <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> <tr> <td>ZZ</td> <td>Mutually Defined</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	ZZ	Mutually Defined	O	ID	1/2	Optional
<u>Code</u>	<u>Name</u>													
91	Assigned by Seller or Seller's Agent													
92	Assigned by Buyer or Buyer's Agent													
ZZ	Mutually Defined													
N104	67	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Mandatory								

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.

N1 Name

Pos: 310	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Mandatory

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

COMPTIA:

In this Header position of the Purchase Order document, this segment identifies the destination party. It is encouraged that the trading partners codify all addresses within their systems.

EXAMPLE:

*Example: N1*PO*PAYER PARTY*ZZ*04332571*

Adobe:

ID codes are utilized for location identification. Additions, Enhancements, or Changes to the Payer ID will require extra configuration on Adobe's Part. Please contact your Adobe Business Representative to provide any changes or additions for Payer ID.

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 Description: Code identifying an organizational entity, a physical location, property or an individual Adobe: All parties are required to process the purchase order. CodeList Summary (Total Codes: 1312, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PO</td> <td>Party to Receive Invoice for Goods or Services Adobe: This code represents the Payer party</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PO	Party to Receive Invoice for Goods or Services Adobe: This code represents the Payer party	M	ID	2/3	Mandatory				
<u>Code</u>	<u>Name</u>													
PO	Party to Receive Invoice for Goods or Services Adobe: This code represents the Payer party													
N102	93	Name Description: Free-form name	C	AN	1/60	Mandatory								
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) CodeList Summary (Total Codes: 215, Included: 3) <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> <tr> <td>ZZ</td> <td>Mutually Defined</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	ZZ	Mutually Defined	O	ID	1/2	Optional
<u>Code</u>	<u>Name</u>													
91	Assigned by Seller or Seller's Agent													
92	Assigned by Buyer or Buyer's Agent													
ZZ	Mutually Defined													
N104	67	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Mandatory								

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.

N1 Name

Pos: 310	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Mandatory

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

COMPTIA:

In this Header position of the Purchase Order document, this segment identifies the destination party. It is encouraged that the trading partners codify all addresses within their systems.

EXAMPLE:

*Example: N1*BT*BILL TO*ZZ*04332571*

Adobe:

ID codes are utilized for location identification.

Additions, Enhancements, or Changes to the Bill-To ID will require extra configuration on Adobe's Part. Please contact your Adobe Business Representative to provide any changes or additions for Bill-To ID.

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	Mandatory								
<p>Description: Code identifying an organizational entity, a physical location, property or an individual</p> <p>Adobe: All parties are required to process the purchase order.</p> <p>CodeList Summary (Total Codes: 1312, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BT</td> <td>Bill-to-Party</td> </tr> </tbody> </table> <p>Adobe: <i>This code represents the Bill-To Party.</i></p>							<u>Code</u>	<u>Name</u>	BT	Bill-to-Party				
<u>Code</u>	<u>Name</u>													
BT	Bill-to-Party													
N102	93	Name	C	AN	1/60	Mandatory								
<p>Description: Free-form name</p>														
N103	66	Identification Code Qualifier	O	ID	1/2	Optional								
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>CodeList Summary (Total Codes: 215, Included: 3)</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> <tr> <td>ZZ</td> <td>Mutually Defined</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	ZZ	Mutually Defined
<u>Code</u>	<u>Name</u>													
91	Assigned by Seller or Seller's Agent													
92	Assigned by Buyer or Buyer's Agent													
ZZ	Mutually Defined													
N104	67	Identification Code	C	AN	2/80	Mandatory								
<p>Description: Code identifying a party or other code</p>														

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.

N1 Name

Pos: 310	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Mandatory

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

COMPTIA:

In this Header position of the Purchase Order document, this segment identifies the destination party. It is encouraged that the trading partners codify all addresses within their systems.

EXAMPLE:

*Example: N1*ST*SHIP TO*ZZ*04332571*

Adobe:

ID codes are utilized for location identification. Additions, Enhancements, or Changes to the Ship-To ID will require extra configuration on Adobe's Part. Please contact your Adobe Business Representative to provide any changes or additions for Ship-To ID.

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 Description: Code identifying an organizational entity, a physical location, property or an individual Adobe: All parties are required to process the purchase order. CodeList Summary (Total Codes: 1312, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>ST</td> <td>Ship To Adobe: This code represents the ship-to party.</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	ST	Ship To Adobe: This code represents the ship-to party.	M	ID	2/3	Mandatory				
<u>Code</u>	<u>Name</u>													
ST	Ship To Adobe: This code represents the ship-to party.													
N102	93	Name Description: Free-form name	C	AN	1/60	Mandatory								
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) CodeList Summary (Total Codes: 215, Included: 3) <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> <tr> <td>ZZ</td> <td>Mutually Defined</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	ZZ	Mutually Defined	O	ID	1/2	Optional
<u>Code</u>	<u>Name</u>													
91	Assigned by Seller or Seller's Agent													
92	Assigned by Buyer or Buyer's Agent													
ZZ	Mutually Defined													
N104	67	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Mandatory								

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.

N2

Additional Name Information

Pos: 320	Max: 2
Heading - Optional	
Loop: N1	Elements: 1

User Option (Usage): Optional

Purpose: To specify additional names or those longer than 35 characters in length

COMPTIA:

In this Header position of the Purchase Order document, this segment provides additional detail to the N1 segment. It is encouraged that the trading partners codify all addresses within their systems.

EXAMPLE:

*Example: N2*M. BUYER*

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	M	AN	1/60	Optional

Description: Free-form name

N3 Address Information

Pos: 330	Max: 2
Heading - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Mandatory

Purpose: To specify the location of the named party

EXAMPLE:

*Example: N3*123 MAIN STREET, SE*

Adobe:

Adobe accepts up to 3 iterations of the N3. This first iterations contains address lines 1 and 2 and the second iteration contains address line 3. Only the N301 will be used from the second iteration. If an N302 is sent it will not be mapped.

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 Description: Address information Adobe: The maximum length for Adobe's back office is 35 characters. A street address exceeding 35 characters will be truncated by Adobe's back office system to the first 35 characters read.	M	AN	1/55	Mandatory
N302	166	Address Information Description: Address information Adobe: The maximum length for Adobe's back office is 35 characters. A street address exceeding 35 characters will be truncated by Adobe's back office system to the first 35 characters read.	O	AN	1/55	Optional

N4 Geographic Location

Pos: 340	Max: >1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Mandatory

Purpose: To specify the geographic place of the named party

COMPTIA:

In this Header position of the Purchase Order document, this segment identifies the city, state/province, and postal code of the destination party.

EXAMPLE:

*Example: N4*CEDAR RAPIDS*IA*524032140*

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	Mandatory
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Mandatory
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Mandatory
N404	26	Country Code Description: Code identifying the country COMPTIA: Note - For U.S. and Canadian locations, CompTIA does not recommend the use of N404. For non-U.S./Canadian locations the two-character country code qualifier established by ISO 3166(E/F) should be used. Adobe: For non-U.S./Canadian locations, the two-character country code qualifier established by ISO 3166(E/F) is MANDATORY.	O	ID	2/3	Mandatory

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.

PER

Administrative Communications Contact

Pos: 360	Max: >1
Heading - Optional	
Loop: N1	Elements: 8

User Option (Usage): Optional

Purpose: To identify a person or office to whom administrative communications should be directed

COMPTIA:

In this Header position of the Purchase Order document, this segment identifies the parties responsible for originating the Purchase Order.

EXAMPLE:

*Example: PER*IC*J SMITH*TE*8015551234*FX*8015554321*EM*john@doe.com*

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>				
PER01	366	Contact Function Code Description: Code identifying the major duty or responsibility of the person or group named CodeList Summary (Total Codes: 230, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>IC</td> <td>Information Contact</td> </tr> </table> Adobe: <i>Used to communicate general contact information.</i>	<u>Code</u>	<u>Name</u>	IC	Information Contact	M	ID	2/2	Mandatory
<u>Code</u>	<u>Name</u>									
IC	Information Contact									
PER02	93	Name Description: Free-form name	O	AN	1/60	Mandatory				
PER03	365	Communication Number Qualifier Description: Code identifying the type of communication number CodeList Summary (Total Codes: 40, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>TE</td> <td>Telephone</td> </tr> </table>	<u>Code</u>	<u>Name</u>	TE	Telephone	C	ID	2/2	Optional
<u>Code</u>	<u>Name</u>									
TE	Telephone									
PER04	364	Communication Number Description: Complete communications number including country or area code when applicable	C	AN	1/80	Optional				
PER05	365	Communication Number Qualifier Description: Code identifying the type of communication number CodeList Summary (Total Codes: 40, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>FX</td> <td>Facsimile</td> </tr> </table>	<u>Code</u>	<u>Name</u>	FX	Facsimile	C	ID	2/2	Optional
<u>Code</u>	<u>Name</u>									
FX	Facsimile									
PER06	364	Communication Number Description: Complete communications number including country or area code when applicable	C	AN	1/80	Optional				
PER07	365	Communication Number Qualifier Description: Code identifying the type of communication number CodeList Summary (Total Codes: 40, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>EM</td> <td>Electronic Mail</td> </tr> </table>	<u>Code</u>	<u>Name</u>	EM	Electronic Mail	M	ID	2/2	Mandatory
<u>Code</u>	<u>Name</u>									
EM	Electronic Mail									
PER08	364	Communication Number Description: Complete communications number	M	AN	1/80	Mandatory				

including country or area code when applicable

Adobe: *Adobe's back office allows for an email address with a MAXIMUM of 58 characters in length.*

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 9

User Option (Usage): Mandatory

Purpose: To specify basic and most frequently used line item data

EXAMPLE:

*Example: PO1*1*11*EA*588.00*CA*BP*12345678*MG*65158494*

Adobe:

*There is one PO1 segment for each line item.
Product/Service ID's must be sent in the order listed.*

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>						
PO101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set Adobe: This element is used to identify the purchase order line item number.	O	AN	1/20	Optional						
PO102	330	Quantity Ordered Description: Quantity ordered	C	R	1/15	Mandatory						
PO103	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: 794, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>EA</td> <td>Each</td> </tr> </table>	<u>Code</u>	<u>Name</u>	EA	Each	M	ID	2/2	Mandatory		
<u>Code</u>	<u>Name</u>											
EA	Each											
PO104	212	Unit Price Description: Price per unit of product, service, commodity, etc.	C	R	1/17	Mandatory						
PO105	639	Basis of Unit Price Code Description: Code identifying the type of unit price for an item CodeList Summary (Total Codes: 91, Included: 2) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>CA</td> <td>Catalog</td> </tr> <tr> <td>PE</td> <td>Price per Each</td> </tr> </table>	<u>Code</u>	<u>Name</u>	CA	Catalog	PE	Price per Each	O	ID	2/2	Mandatory
<u>Code</u>	<u>Name</u>											
CA	Catalog											
PE	Price per Each											
PO106	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 477, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>BP</td> <td>Buyer's Part Number</td> </tr> </table>	<u>Code</u>	<u>Name</u>	BP	Buyer's Part Number	C	ID	2/2	Optional		
<u>Code</u>	<u>Name</u>											
BP	Buyer's Part Number											
PO107	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/48	Optional						
PO108	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Mandatory						

CodeList Summary (Total Codes: 477, Included: 1)

<u>Code</u>	<u>Name</u>
MG	Manufacturer's Part Number

PO109	234	Product/Service ID	C	AN	1/48	Mandatory
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Description: Identifying number for a product or service

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

DTM Date/Time Reference

Pos: 210	Max: 10
Detail - Optional	
Loop: PO1	Elements: 2

User Option (Usage): Optional
Purpose: To specify pertinent dates and times

EXAMPLE:

*Example: DTM*010*20150831*

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	Mandatory				
<p>Description: Code specifying type of date or time, or both date and time</p> <p>CodeList Summary (Total Codes: 1112, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>010</td> <td>Requested Ship</td> </tr> </tbody> </table> <p>Adobe: <i>A requested ship date provided at this detail level will override the date provided in the DTM segment at the header level.</i></p>							<u>Code</u>	<u>Name</u>	010	Requested Ship
<u>Code</u>	<u>Name</u>									
010	Requested Ship									
DTM02	373	Date	M	DT	8/8	Mandatory				
<p>Description: Date expressed as CCYYMMDD</p>										

CTT

Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

User Option (Usage): Mandatory

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

EXAMPLE:

CTT*1

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	M	N0	1/6	Mandatory

Description: Total number of line items in the transaction set

Comments:

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

AMT Monetary Amount

Pos: 020	Max: 1
Summary - Optional	
Loop: CTT	Elements: 2

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

EXAMPLE:

*Example : AMT*TT*6468*

Adobe:

All monetary amounts must be provided in USD.

This segment will be used to verify that the total extended values of the line items match this total amount. If there is any discrepancy our translator will reject the 850 document.

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 Description: Code to qualify amount CodeList Summary (Total Codes: 1473, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>TT</td> <td>Total Transaction Amount</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	TT	Total Transaction Amount	M	ID	1/3	Mandatory
<u>Code</u>	<u>Name</u>									
TT	Total Transaction Amount									
AMT02	782	Monetary Amount Description: Monetary amount	M	R	1/18	Mandatory				

SE Transaction Set Trailer

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Mandatory

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)

EXAMPLE:

*Example: SE*37*130581*

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	NO	1/10	Mandatory
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	M	AN	4/9	Mandatory

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): Optional

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 Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Mandatory
GE02	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Mandatory

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): Optional

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	Mandatory
IEA02	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Mandatory