

# **Inbound ANSI X12 850 Version 04010**

**For TLP License Ordering**

**Version: ANSI X12 850 4010**

**Author:  
Modified:**

**Adobe EDI  
06/09/2010**

# 850

## Purchase Order

### Functional Group=PO

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			Mandatory
	GS	Functional Group Header	M	1			Mandatory

**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			Mandatory
050	REF	Reference Identification	O	>1			Optional
050	REF	Reference Identification	O	>1			Optional
150	DTM	Date/Time Reference	O	10			Optional

<u>LOOP ID - N1</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
310	N1	Name	M	1	200	-	Mandatory

<u>LOOP ID - N1</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
310	N1	Name	M	1	200	-	Mandatory

<u>LOOP ID - N1</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
310	N1	Name	M	1	200	-	Mandatory

<u>LOOP ID - N1</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
310	N1	Name	M	1	200	-	Mandatory
320	N2	Additional Name Information	O	2			Optional
330	N3	Address Information	M	2			Mandatory
340	N4	Geographic Location	M	>1			Mandatory
350	REF	Reference Identification	O	12			Optional
350	REF	Reference Identification	O	12			Mandatory
360	PER	Administrative Communications Contact	M	>1			Mandatory

<u>LOOP ID - N1</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
310	N1	Name	M	1	200	-	Mandatory
320	N2	Additional Name Information	O	2			Optional
330	N3	Address Information	M	2			Mandatory
340	N4	Geographic Location	M	>1			Mandatory
350	REF	Reference Identification	O	12			Optional

<u>LOOP ID - N1</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
310	N1	Name	M	1	200	-	Mandatory
320	N2	Additional Name Information	O	2			Optional
330	N3	Address Information	M	2			Mandatory
340	N4	Geographic Location	M	>1			Mandatory

350	REF	Reference Identification	O	12	Optional
360	PER	Administrative Communications Contact	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
350	REF	Reference Identification	O	12	Optional
360	PER	Administrative Communications Contact	M	>1	Mandatory

**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
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			Mandatory
	IEA	Interchange Control Trailer	M	1			Mandatory

**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):** Mandatory

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	<b>Authorization Information Qualifier</b> <b>Description:</b> Code to identify the type of information in the Authorization Information  <b>Code</b> <b>Name</b> 00                    No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Mandatory
ISA02	I02	<b>Authorization Information</b> <b>Description:</b> 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)	M	AN	10/10	Mandatory
ISA03	I03	<b>Security Information Qualifier</b> <b>Description:</b> Code to identify the type of information in the Security Information  <b>Code</b> <b>Name</b> 00                    No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Mandatory
ISA04	I04	<b>Security Information</b> <b>Description:</b> 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)	M	AN	10/10	Mandatory
ISA05	I05	<b>Interchange ID Qualifier</b> <b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <b>All valid X12 codes are used.</b>	M	ID	2/2	Mandatory
ISA06	I06	<b>Interchange Sender ID</b> <b>Description:</b> 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	M	AN	15/15	Mandatory
ISA07	I05	<b>Interchange ID Qualifier</b> <b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified  <b>Code</b> <b>Name</b> 16                    Duns Number With 4-Character Suffix	M	ID	2/2	Mandatory
ISA08	I07	<b>Interchange Receiver ID</b> <b>Description:</b> Identification code published by the	M	AN	15/15	Mandatory

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

ISA09	I08	<b>Interchange Date</b> <b>Description:</b> Date of the interchange	M	DT	6/6	Mandatory
ISA10	I09	<b>Interchange Time</b> <b>Description:</b> Time of the interchange	M	TM	4/4	Mandatory
ISA11	I10	<b>Interchange Control Standards Identifier</b> <b>Description:</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer <b>All valid X12 codes are used.</b>	M	ID	1/1	Mandatory
ISA12	I11	<b>Interchange Control Version Number</b> <b>Description:</b> This version number covers the interchange control segments  <b>Code</b> <b>Name</b> 00401            Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997	M	ID	5/5	Mandatory
ISA13	I12	<b>Interchange Control Number</b> <b>Description:</b> A control number assigned by the interchange sender	M	N0	9/9	Mandatory
ISA14	I13	<b>Acknowledgment Requested</b> <b>Description:</b> Code sent by the sender to request an interchange acknowledgment (TA1) <b>All valid X12 codes are used.</b>	M	ID	1/1	Mandatory
ISA15	I14	<b>Usage Indicator</b> <b>Description:</b> Code to indicate whether data enclosed by this interchange envelope is test, production or information  <b>Code</b> <b>Name</b> P                  Production Data T                  Test Data	M	ID	1/1	Mandatory
ISA16	I15	<b>Component Element Separator</b> <b>Description:</b> 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

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

**User Option (Usage):** Mandatory

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

segment is T, then other formats are allowed

<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

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	<b>Transaction Set Identifier Code</b> <b>Description:</b> Code uniquely identifying a Transaction Set	M	ID	3/3	Mandatory
		<b>Code</b> <b>Name</b> 850                              Purchase Order				
ST02	329	<b>Transaction Set Control Number</b> <b>Description:</b> 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



# BEG

## Beginning Segment for Purchase Order

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

**User Option (Usage):** Mandatory

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

### EXAMPLE:

*Example: BEG~00~NE~MH80312~~20090101*

### 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>
BEG01	353	<b>Transaction Set Purpose Code</b> <i>Description:</i> Code identifying purpose of transaction set	M	ID	2/2	Mandatory
		<b>Code</b> <b>Name</b> 00            Original				
BEG02	92	<b>Purchase Order Type Code</b> <i>Description:</i> Code specifying the type of Purchase Order	M	ID	2/2	Mandatory
		<b>Code</b> <b>Name</b> NE            New Order <b>Adobe:</b> <i>TLP - The Purchase order referenced here is a TLP order.</i>				
		SA            Stand-alone Order <b>Description:</b> <b>Adobe:</b> <i>TLP - The Purchase order referenced here is a TLP order.</i>				
BEG03	324	<b>Purchase Order Number</b> <i>Description:</i> Identifying number for Purchase Order assigned by the orderer/purchaser <b>Adobe:</b> <i>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.</i>	M	AN	1/22	Mandatory
BEG05	373	<b>Date</b> <i>Description:</i> Date expressed as CCYYMMDD	M	DT	8/8	Mandatory

# CUR Currency

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

**User Option (Usage):** Mandatory

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	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Mandatory
		<b>Code</b> <b>Name</b> SE                    Selling Party				
CUR02	100	<b>Currency Code</b> <b>Description:</b> Code (Standard ISO) for country in whose currency the charges are specified	M	ID	3/3	Mandatory

# REF Reference Identification

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

User Option (Usage): Mandatory

To specify identifying information

## EXAMPLE:

Example: REF~CT~123456

## Adobe:

This reference identification is used by Adobe to communicate the buying parties contract number. It is mandated by Adobe that the contract number be sent in the EDI purchase order for seamless processing of the EDI data.

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage				
REF01	128	Reference Identification Qualifier	M	ID	2/3	Mandatory				
<p><b>Description:</b> Code qualifying the Reference Identification</p> <p><b>Adobe:</b> REF with CT qualifier contains the contract number between the partner sending the purchase order and Adobe.</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>CT</td> <td>Contract Number</td> </tr> </tbody> </table> <p><b>Adobe:</b> Contract between Adobe and company sending the EDI purchase order.</p>							Code	Name	CT	Contract Number
Code	Name									
CT	Contract Number									
REF02	127	Reference Identification	M	AN	1/30	Mandatory				
<p><b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>										

# REF Reference Identification

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

User Option (Usage): Optional

To specify identifying information

## EXAMPLE:

Example: REF~DC~123456

### 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	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <b>Adobe:</b> REF with DC qualifier is used to send the Reseller's PO number.	M	ID	2/3	Mandatory				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>DC</td> <td>Dealer purchase order number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	DC	Dealer purchase order number				
<u>Code</u>	<u>Name</u>									
DC	Dealer purchase order number									
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Adobe:</b> 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.	M	AN	1/30	Mandatory				

# REF Reference Identification

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

User Option (Usage): Optional

To specify identifying information

## EXAMPLE:

Example: REF~EU~123456

### Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage				
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <b>Adobe:</b> REF with EU qualifier is used to send the End User's PO number. <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>EU</td> <td>End User's Purchase Order Number</td> </tr> </tbody> </table>	Code	Name	EU	End User's Purchase Order Number	M	ID	2/3	Mandatory
Code	Name									
EU	End User's Purchase Order Number									
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Adobe:</b> 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.	M	AN	1/30	Mandatory				

# DTM Date/Time Reference

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

**User Option (Usage):** Optional

To specify pertinent dates and times

**EXAMPLE:**

*Example: DTM~010~20090121*

**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	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time	M	ID	3/3	Mandatory				
		<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>	<u>Code</u>	<u>Name</u>	010	Requested Ship				
<u>Code</u>	<u>Name</u>									
010	Requested Ship									
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	M	DT	8/8	Mandatory				

# N1

# Name

<b>Pos: 310</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Mandatory

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

**EXAMPLE:**

*Example: N1~BY~SOLD TO~91~04332571*

**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	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>Code</b> <b>Name</b> BY                    Buying Party (Purchaser) <b>Adobe:</b> <i>This code represents the Sold to party</i>	M	ID	2/3	Mandatory
N102	93	<b>Name</b> <b>Description:</b> Free-form name <b>Adobe:</b> <i>Adobe's backend system can only accept up to 35 characters for this Name field.</i>	M	AN	1/60	Mandatory
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>Code</b> <b>Name</b> 91                    Assigned by Seller or Seller's Agent	M	ID	1/2	Mandatory
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code <b>Adobe:</b> <i>Adobe assigned ID must be sent in the Sold to N104 for order to process, otherwise order will fail.</i>	M	AN	2/80	Mandatory

**N1**

**Name**

<b>Pos: 310</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Mandatory

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

**EXAMPLE:**

*Example: N1~PO~PAYER~91~04332571*

**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	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>Code</b> <b>Name</b> PO              Party to Receive Invoice for Goods or Services <b>Adobe:</b> <i>This code represents the Payer party</i>	M	ID	2/3	Mandatory
N102	93	<b>Name</b> <b>Description:</b> Free-form name <b>Adobe:</b> <i>Adobe's backend system can only accept up to 35 characters for this Name field.</i>	M	AN	1/60	Mandatory
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>Code</b> <b>Name</b> 91              Assigned by Seller or Seller's Agent	M	ID	1/2	Mandatory
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code <b>Adobe:</b> <i>Adobe assigned ID must be sent in the Payer N104 for order to process, otherwise order will fail.</i>	M	AN	2/80	Mandatory



**N1**

**Name**

<b>Pos: 310</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Mandatory

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

**EXAMPLE:**

*Example: N1~BT~BILL TO~91~04332571*

**Adobe:**

*Adobe has added Bill To and mandates all partners send Bill To in their EDI 850's.*

**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	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual  <b>Code</b> <b>Name</b> BT              Bill-to-Party <b>Adobe:</b> <i>This code represents the Bill-To Party.</i>	M	ID	2/3	Mandatory
N102	93	<b>Name</b> <b>Description:</b> Free-form name <b>Adobe:</b> <i>Adobe's backend system can only accept up to 35 characters for this Name field.</i>	M	AN	1/60	Mandatory
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)  <b>Code</b> <b>Name</b> 91              Assigned by Seller or Seller's Agent	M	ID	1/2	Mandatory
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code <b>Adobe:</b> <i>Adobe assigned ID must be sent in the Bill To N104 for order to process, otherwise order will fail.</i>	M	AN	2/80	Mandatory

# N1 Name

<b>Pos: 310</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Mandatory

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

**EXAMPLE:**

*Example: N1~DU~RESELLER~92~04332571*

**Adobe:**

*Complete and entire Organization name and address detail should always be sent for the 'DU' (Reseller), 'EN' (End User), 'IA' (Deploy To), and 'ST' (Ship-to).*

**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	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual  <u>Code</u> <u>Name</u> DU              Resale Dealer <b>Adobe:</b> <i>This code represents the Reseller who is purchasing the product.</i>	M	ID	2/3	Mandatory
N102	93	<b>Name</b> <b>Description:</b> Free-form name <b>Adobe:</b> <i>Adobe's backend system can only accept up to 35 characters for this Name field. If you have additional name data to provide, use the N201 field.</i>	M	AN	1/60	Mandatory
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)  <u>Code</u> <u>Name</u> 92              Assigned by Buyer or Buyer's Agent	O	ID	1/2	Optional
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	O	AN	2/80	Optional

# N2

## Additional Name Information

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

User Option (Usage): Optional

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

### EXAMPLE:

*Example: N2~Reseller*

### 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	<b>Name</b>	M	AN	1/60	Optional

**Description:** Free-form name  
**Adobe:** Adobe's backend system can only accept up to 35 characters for this Name field.

# N3 Address Information

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

**User Option (Usage):** Mandatory

To specify the location of the named party

**EXAMPLE:**

*Example: N3~123 MAIN STREET*

**Adobe:**

*Adobe accepts two iterations of the N3. This first iteration 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	<b>Address Information</b> <b>Description:</b> Address information	M	AN	1/55	Mandatory
N302	166	<b>Address Information</b> <b>Description:</b> Address information	O	AN	1/55	Optional

# N4 Geographic Location

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

User Option (Usage): Mandatory

To specify the geographic place of the named 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	<b>City Name</b> <i>Description:</i> Free-form text for city name	M	AN	2/30	Mandatory
N402	156	<b>State or Province Code</b> <i>Description:</i> Code (Standard State/Province) as defined by appropriate government agency <i>Adobe:</i> State or Province codes should only be included if the country in the N404 is U.S. or Canada.	M	ID	2/2	Mandatory
N403	116	<b>Postal Code</b> <i>Description:</i> Code defining international postal zone code excluding punctuation and blanks (zip code for United States) <i>Adobe:</i> If International Postal code has less than 3 digits, either buffer postal code with zeros or do not send postal code.  <i>Example :</i> Less than 3 digits : 22 <i>Buffered :</i> 022	M	ID	3/15	Mandatory
N404	26	<b>Country Code</b> <i>Description:</i> Code identifying the country <i>COMPTIA:</i> 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.	O	ID	2/3	Optional

# REF Reference Identification

Pos: 350	Max: 12
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Optional

To specify identifying information

## EXAMPLE:

Example: REF~DP~DP~DEPARTMENT 100

## Adobe:

The use of the REF segment is to communicate the Department Name field.

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage				
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <table border="1"> <tr> <th>Code</th> <th>Name</th> </tr> <tr> <td>DP</td> <td>Department</td> </tr> </table> <b>Adobe:</b> <i>This code represents Department Name.</i>	Code	Name	DP	Department	M	ID	2/3	Mandatory
Code	Name									
DP	Department									
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Adobe:</b> <i>Adobe Requires Partner to hardcode 'DP' for the REF02 to satisfy limitation on Adobe's backend system.</i>	M	AN	1/30	Mandatory				
REF03	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content <b>Adobe:</b> <i>Note 1 : Department Name</i>  <i>Note 2 : Adobe's backend system can only accept up to 35 characters for this Department Name field.</i>	M	AN	1/80	Mandatory				

# REF Reference Identification

Pos: 350	Max: 12
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Mandatory

To specify identifying information

**EXAMPLE:**

*Example: REF~71~ResellerAuthID*

**Adobe:**

*The use of the REF segment is to communicate the Adobe assigned Authorized Reseller 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>
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification	M	ID	2/3	Mandatory
		<b>Code</b> 71		<b>Name</b> Subscriber Authorization Number		
		<b>Adobe:</b> <i>This code represents Adobe assigned Authorized Reseller ID.</i>				
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/30	Mandatory

**PER**

# Administrative Communications Contact

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

**User Option (Usage):** Mandatory

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

**EXAMPLE:***Example: PER~IC~RESELLER TO~TE~8015551234~FX~8015554321~EM~john@doe.com***Adobe:***TLP license orders require the following MANDATORY contact information for the Reseller, Deploy-To, and Ship-To : first name, last name, and email address. Use the 'IC' qualifier for this 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>				
PER01	366	<b>Contact Function Code</b> <b>Description:</b> Code identifying the major duty or responsibility of the person or group named  <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>IC</td> <td>Information Contact</td> </tr> </tbody> </table> <b>Adobe:</b> <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	<b>Name</b> <b>Description:</b> Free-form name <b>Adobe:</b> <i>First Name and Last Name</i>	M	AN	1/60	Mandatory				
PER03	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number  <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>TE</td> <td>Telephone</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	TE	Telephone	C	ID	2/2	Optional
<u>Code</u>	<u>Name</u>									
TE	Telephone									
PER04	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/80	Optional				
PER05	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number  <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>FX</td> <td>Facsimile</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	FX	Facsimile	C	ID	2/2	Optional
<u>Code</u>	<u>Name</u>									
FX	Facsimile									
PER06	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/80	Optional				
PER07	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number	M	ID	2/2	Mandatory				



<u>Code</u>	<u>Name</u>
EM	Electronic Mail

PER08	364	<b>Communication Number</b>	M	AN	1/80	Mandatory
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**Description:** Complete communications number including country or area code when applicable

**Adobe:** *Email Address*

# N1 Name

<b>Pos: 310</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Mandatory

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

**EXAMPLE:**

*Example: N1~EN~END USER~92~04332571*

**Adobe:**

*Complete and entire Organization name and address detail should always be sent for the 'DU' (Reseller), 'EN' (End User), 'IA' (Deploy To), and 'ST' (Ship-to).*

**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	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual  <u>Code</u> <u>Name</u> EN              End User <b>Adobe:</b> <i>This code represents the End User who will own the product.</i>	M	ID	2/3	Mandatory
N102	93	<b>Name</b> <b>Description:</b> Free-form name <b>Adobe:</b> <i>Adobe's backend system can only accept up to 35 characters for this Name field. If you have additional name data to provide, use the N201 field.</i>	M	AN	1/60	Mandatory
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)  <u>Code</u> <u>Name</u> 92              Assigned by Buyer or Buyer's Agent	O	ID	1/2	Optional
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	O	AN	2/80	Optional

# N2

## Additional Name Information

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

User Option (Usage): Optional

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

### EXAMPLE:

Example: N2~EndUser

### 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  
**Adobe:** Adobe's backend system can only accept up to 35 characters for this Name field.

# N3 Address Information

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

**User Option (Usage):** Mandatory

To specify the location of the named party

**EXAMPLE:**

*Example: N3~123 MAIN STREET*

**Adobe:**

*Adobe accepts two iterations of the N3. This first iteration 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	<b>Address Information</b> <b>Description:</b> Address information	M	AN	1/55	Mandatory
N302	166	<b>Address Information</b> <b>Description:</b> Address information	O	AN	1/55	Optional

**N4****Geographic Location**

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

**User Option (Usage):** Mandatory

To specify the geographic place of the named 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	<b>City Name</b> <b>Description:</b> Free-form text for city name	M	AN	2/30	Mandatory
N402	156	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency <b>Adobe:</b> State or Province codes should only be included if the country in the N404 is U.S. or Canada.	M	ID	2/2	Mandatory
N403	116	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States) <b>Adobe:</b> If International Postal code has less than 3 digits, either buffer postal code with zeros or do not send postal code. <i>Example : Less than 3 digits : 22 Buffered : 022</i>	M	ID	3/15	Mandatory
N404	26	<b>Country Code</b> <b>Description:</b> Code identifying the country <b>COMPTIA:</b> 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.	O	ID	2/3	Optional

# REF Reference Identification

Pos: 350	Max: 12
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Optional

To specify identifying information

## EXAMPLE:

Example: REF~DP~DP~DEPARTMENT 100

## Adobe:

The use of the REF segment is to communicate the Department Name field.

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage						
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <table border="1"> <tr> <th>Code</th> <th>Name</th> </tr> <tr> <td>DP</td> <td>Department</td> </tr> <tr> <td colspan="2"><b>Adobe:</b> <i>This code represents Department Name.</i></td> </tr> </table>	Code	Name	DP	Department	<b>Adobe:</b> <i>This code represents Department Name.</i>		M	ID	2/3	Mandatory
Code	Name											
DP	Department											
<b>Adobe:</b> <i>This code represents Department Name.</i>												
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Adobe:</b> <i>Adobe Requires Partner to hardcode 'DP' for the REF02 to satisfy limitation on Adobe's backend system.</i>	M	AN	1/30	Mandatory						
REF03	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content <b>Adobe:</b> <i>Note 1 : Department Name</i>  <i>Note 2 : Adobe's backend system can only accept up to 35 characters for this Department Name field.</i>	M	AN	1/80	Mandatory						

# N1 Name

<b>Pos: 310</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Mandatory

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

**EXAMPLE:**

*Example: N1-IA~DEPLOY TO~92~04332571*

**Adobe:**

*Complete and entire Organization name and address detail should always be sent for the 'DU' (Reseller), 'EN' (End User), 'IA' (Deploy To), and 'ST' (Ship-to).*

**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	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual  <u>Code</u> <u>Name</u> IA              Installed At <b>Adobe:</b> <i>This code represents the Deploy To.</i>	M	ID	2/3	Mandatory
N102	93	<b>Name</b> <b>Description:</b> Free-form name <b>Adobe:</b> <i>Adobe's backend system can only accept up to 35 characters for this Name field. If you have additional name data to provide, use the N201 field.</i>	M	AN	1/60	Mandatory
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)  <u>Code</u> <u>Name</u> 92              Assigned by Buyer or Buyer's Agent	O	ID	1/2	Optional
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	O	AN	2/80	Optional

# N2

## Additional Name Information

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

User Option (Usage): Optional

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

### EXAMPLE:

Example: N2~DEPLOY TO

### 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  
**Adobe:** Adobe's backend system can only accept up to 35 characters for this Name field.



# N3 Address Information

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

**User Option (Usage):** Mandatory

To specify the location of the named party

**EXAMPLE:**

*Example: N3~123 MAIN STREET*

**Adobe:**

*Adobe accepts two iterations of the N3. This first iteration 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	<b>Address Information</b> <b>Description:</b> Address information	M	AN	1/55	Mandatory
N302	166	<b>Address Information</b> <b>Description:</b> Address information	O	AN	1/55	Optional

# N4 Geographic Location

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

**User Option (Usage):** Mandatory

To specify the geographic place of the named 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	<b>City Name</b> <b>Description:</b> Free-form text for city name	M	AN	2/30	Mandatory
N402	156	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency	M	ID	2/2	Mandatory
N403	116	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States) <b>Adobe:</b> <i>If International Postal code has less than 3 digits, either buffer postal code with zeros or do not send postal code.</i> <i>Example : Less than 3 digits : 22</i> <i>Buffered : 022</i>	M	ID	3/15	Mandatory
N404	26	<b>Country Code</b> <b>Description:</b> Code identifying the country	O	ID	2/3	Optional

# REF Reference Identification

Pos: 350	Max: 12
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Optional

To specify identifying information

## EXAMPLE:

Example: REF~DP~DP~DEPARTMENT 100

## Adobe:

The use of the REF segment is to communicate the Department Name field.

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage				
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification  <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>DP</td> <td>Department</td> </tr> </tbody> </table> <b>Adobe:</b> <i>This code represents Department Name.</i>	Code	Name	DP	Department	M	ID	2/3	Mandatory
Code	Name									
DP	Department									
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Adobe:</b> <i>Adobe Requires Partner to hardcode 'DP' for the REF02 to satisfy limitation on Adobe's backend system.</i>	M	AN	1/30	Mandatory				
REF03	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content <b>Adobe:</b> <i>Note 1 : Department Name</i>  <i>Note 2 : Adobe's backend system can only accept up to 35 characters for this Department Name field.</i>	M	AN	1/80	Mandatory				

**PER**

# Administrative Communications Contact

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

**User Option (Usage):** Mandatory

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~DEPLOY TO~TE~8015551234~FX~8015554321~EM~john@doe.com*

**Adobe:**

*TLP license orders require the following MANDATORY contact information for the Reseller, Deploy-To, and Ship-To : first name, last name, and email address. Use the 'IC' qualifier for this 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>
PER01	366	<b>Contact Function Code</b> <b>Description:</b> Code identifying the major duty or responsibility of the person or group named  <u>Code</u> <u>Name</u> IC            Information Contact <b>Adobe:</b> <i>Used to communicate general contact information.</i>	M	ID	2/2	Mandatory
PER02	93	<b>Name</b> <b>Description:</b> Free-form name <b>Adobe:</b> <i>First Name and Last Name</i>	M	AN	1/60	Mandatory
PER03	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number  <u>Code</u> <u>Name</u> TE            Telephone	C	ID	2/2	Optional
PER04	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/80	Optional
PER05	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number  <u>Code</u> <u>Name</u> FX            Facsimile	C	ID	2/2	Optional
PER06	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/80	Optional
PER07	365	<b>Communication Number Qualifier</b>	M	ID	2/2	Mandatory

**Description:** Code identifying the type of communication number

<u>Code</u>	<u>Name</u>
EM	Electronic Mail

PER08	364	<b>Communication Number</b>	M	AN	1/80	Mandatory
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**Description:** Complete communications number including country or area code when applicable

**Adobe:** *Email Address*

**N1**

**Name**

<b>Pos: 310</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Mandatory

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~92~04332571*

**Adobe:**

*Complete and entire Organization name and address detail should always be sent for the 'DU' (Reseller), 'EN' (End User), 'IA' (Deploy To), and 'ST' (Ship-to).*

**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	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual  <u>Code</u> <u>Name</u> ST              Ship To <b>Adobe:</b> <i>This code represents the ship-to party.</i>	M	ID	2/3	Mandatory
N102	93	<b>Name</b> <b>Description:</b> Free-form name <b>Adobe:</b> <i>Adobe's backend system can only accept up to 35 characters for this Name field. If you have additional name data to provide, use the N201 field.</i>	M	AN	1/60	Mandatory
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)  <u>Code</u> <u>Name</u> 92              Assigned by Buyer or Buyer's Agent	O	ID	1/2	Optional
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	O	AN	2/80	Optional

# N2

## Additional Name Information

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

**User Option (Usage):** Optional

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~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	<b>Name</b>	M	AN	1/60	Optional
<p><b>Description:</b> Free-form name  <b>Adobe:</b> Adobe's backend system can only accept up to 35 characters for this Name field.</p>						

# N3 Address Information

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

**User Option (Usage):** Mandatory

To specify the location of the named party

**COMPTIA:**

*In this Header position of the Purchase Order document, this segment identifies the street number and name of the destination party.*

**EXAMPLE:**

*Example: N3~123 MAIN STREET*

**Adobe:**

*Adobe accepts two iterations of the N3. This first iteration 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	<b>Address Information</b> <b>Description:</b> Address information	M	AN	1/55	Mandatory
N302	166	<b>Address Information</b> <b>Description:</b> Address information	O	AN	1/55	Optional



# N4 Geographic Location

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

**User Option (Usage):** Mandatory

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	<b>City Name</b> <i>Description:</i> Free-form text for city name	M	AN	2/30	Mandatory
N402	156	<b>State or Province Code</b> <i>Description:</i> Code (Standard State/Province) as defined by appropriate government agency <i>Adobe:</i> State or Province codes should only be included if the country in the N404 is U.S. or Canada.	M	ID	2/2	Mandatory
N403	116	<b>Postal Code</b> <i>Description:</i> Code defining international postal zone code excluding punctuation and blanks (zip code for United States) <i>Adobe:</i> If International Postal code has less than 3 digits, either buffer postal code with zeros or do not send postal code. <i>Example :</i> Less than 3 digits : 22 <i>Buffered :</i> 022	M	ID	3/15	Mandatory
N404	26	<b>Country Code</b> <i>Description:</i> Code identifying the country <i>COMPTIA:</i> 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.	O	ID	2/3	Optional

# REF Reference Identification

Pos: 350	Max: 12
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Optional

To specify identifying information

## EXAMPLE:

Example: REF~DP~DP~DEPARTMENT 100

## Adobe:

The use of the REF segment is to communicate the Department Name field.

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage								
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <table border="0"> <tr> <td><b>Code</b></td> <td><b>Name</b></td> </tr> <tr> <td>DP</td> <td>Department</td> </tr> <tr> <td colspan="2"><b>Adobe:</b></td> </tr> <tr> <td colspan="2"><i>This code represents Department Name.</i></td> </tr> </table>	<b>Code</b>	<b>Name</b>	DP	Department	<b>Adobe:</b>		<i>This code represents Department Name.</i>		M	ID	2/3	Mandatory
<b>Code</b>	<b>Name</b>													
DP	Department													
<b>Adobe:</b>														
<i>This code represents Department Name.</i>														
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Adobe:</b> Adobe Requires Partner to hardcode 'DP' for the REF02 to satisfy limitation on Adobe's backend system.	M	AN	1/30	Mandatory								
REF03	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content <b>Adobe:</b> Note 1 : Department Name  Note 2 : Adobe's backend system can only accept up to 35 characters for this Department Name field.	M	AN	1/80	Mandatory								

**PER**

# Administrative Communications Contact

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

**User Option (Usage):** Mandatory

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~SHIP TO~TE~8015551234~FX~8015554321~EM~john@doe.com*

**Adobe:**

*TLP license orders require the following MANDATORY contact information for the Reseller, Deploy-To, and Ship-To : first name, last name, and email address. Use the 'IC' qualifier for this 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>
PER01	366	<b>Contact Function Code</b> <b>Description:</b> Code identifying the major duty or responsibility of the person or group named  <u>Code</u> <u>Name</u> IC            Information Contact <b>Adobe:</b> <i>Used to communicate general contact information.</i>	M	ID	2/2	Mandatory
PER02	93	<b>Name</b> <b>Description:</b> Free-form name <b>Adobe:</b> <i>First Name and Last Name</i>	M	AN	1/60	Mandatory
PER03	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number  <u>Code</u> <u>Name</u> TE            Telephone	C	ID	2/2	Optional
PER04	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/80	Optional
PER05	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number  <u>Code</u> <u>Name</u> FX            Facsimile	C	ID	2/2	Optional
PER06	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/80	Optional
PER07	365	<b>Communication Number Qualifier</b>	M	ID	2/2	Mandatory

**Description:** Code identifying the type of communication number

<u>Code</u>	<u>Name</u>
EM	Electronic Mail

PER08	364	<b>Communication Number</b>	M	AN	1/80	Mandatory
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**Description:** Complete communications number including country or area code when applicable

**Adobe:** *Email Address*

# PO1

## Baseline Item Data

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Detail - Mandatory</b>	
<b>Loop: PO1</b>	<b>Elements: 9</b>

**User Option (Usage):** Mandatory

To specify basic and most frequently used line item data

### COMPTIA:

In this Detail position of the Purchase Order document, this segment identifies specific part numbers. There is one PO1 segment for each different part number. The Product ID Qualifiers and Product ID should completely specify the parts being ordered.

### EXAMPLE:

Example1: PO1~1~11~EA~1499.95~CA~BP~12345678~MG~54020587AA01A00

Example2: PO1~1~11~EA~1499.95~CA~BP~12345678~MG~12070205AV

### Adobe:

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	<b>Assigned Identification</b> <b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set <b>Adobe:</b> This element is used to identify the purchase order line item number.	O	AN	1/20	Mandatory						
PO102	330	<b>Quantity Ordered</b> <b>Description:</b> Quantity ordered	C	R	1/15	Mandatory						
PO103	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>EA</td> <td>Each</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	EA	Each	M	ID	2/2	Mandatory		
<u>Code</u>	<u>Name</u>											
EA	Each											
PO104	212	<b>Unit Price</b> <b>Description:</b> Price per unit of product, service, commodity, etc.	C	R	1/17	Mandatory						
PO105	639	<b>Basis of Unit Price Code</b> <b>Description:</b> Code identifying the type of unit price for an item  <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>PE</td> <td>Price per Each</td> </tr> </tbody> </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	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)  <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BP</td> <td>Buyer's Part Number</td> </tr> </tbody> </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	<b>Product/Service ID</b>	C	AN	1/48	Optional						

		<b>Description:</b> Identifying number for a product or service				
PO108	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Mandatory
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b><u>Code</u></b>				
		<b><u>Name</u></b>				
		MG				Manufacturer's Part Number
PO109	234	<b>Product/Service ID</b>	M	AN	1/48	Mandatory
		<b>Description:</b> Identifying number for a product or service				

# DTM Date/Time Reference

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

User Option (Usage): Optional

To specify pertinent dates and times

## COMPTIA:

*In this Detail position of the Purchase Order document, this segment identifies line item specific dates.*

## EXAMPLE:

*Example: DTM~010~20090121*

## 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	<b>Date/Time Qualifier</b>	M	ID	3/3	Mandatory
		<b>Description:</b> Code specifying type of date or time, or both date and time				
		<u>Code</u>		<u>Name</u>		
		010		Requested Ship		
		<b>Adobe:</b>				
		<i>A requested ship date provided at this detail level will override the date provided in the DTM segment at the header level.</i>				
DTM02	373	<b>Date</b>	M	DT	8/8	Mandatory
		<b>Description:</b> Date expressed as CCYYMMDD				

# DTM Date/Time Reference

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

User Option (Usage): Optional

To specify pertinent dates and times

## COMPTIA:

*In this Detail position of the Purchase Order document, this segment identifies line item specific dates.*

## EXAMPLE:

*Example: DTM~196~20090121*

## 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	<b>Date/Time Qualifier</b>	M	ID	3/3	Mandatory
		<b>Description:</b> Code specifying type of date or time, or both date and time				
		<u>Code</u>		<u>Name</u>		
		196		Start		
		<b>Adobe:</b>				
		<i>Date qualifier 196 is to be used with Renewal product purchases to designate the start date of the renewal period.</i>				
DTM02	373	<b>Date</b>	M	DT	8/8	Mandatory
		<b>Description:</b> Date expressed as CCYYMMDD				



# CTT

## Transaction Totals

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

User Option (Usage): Mandatory

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	<b>Number of Line Items</b> <b>Description:</b> Total number of line items in the transaction set	M	N0	1/6	Mandatory

# AMT

# Monetary Amount

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

User Option (Usage): Optional

To indicate the total monetary amount

### EXAMPLE:

Example : AMT~TT~12

### Adobe:

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	<b>Amount Qualifier Code</b> Description: Code to qualify amount	M	ID	1/3	Mandatory
		<u>Code</u> <u>Name</u> TT                    Total Transaction Amount				
AMT02	782	<b>Monetary Amount</b> 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

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	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Mandatory
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</b> 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:**

- SE is the last segment of each transaction set.

# GE Functional Group Trailer

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

**User Option (Usage):** Mandatory

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	<b>Number of Transaction Sets Included</b> <b>Description:</b> 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	<b>Group Control Number</b> <b>Description:</b> 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): Mandatory

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	<b>Number of Included Functional Groups</b> <b>Description:</b> A count of the number of functional groups included in an interchange	M	N0	1/5	Mandatory
IEA02	I12	<b>Interchange Control Number</b> <b>Description:</b> A control number assigned by the interchange sender	M	N0	9/9	Mandatory

# Example Message



ISA~00~ ~00~ ~01~000000000 ~16~102096559TEST ~100614~1600~U~00401~000211462~0~P~>  
GS~PO~007911209~102096559TEST~20100614~1600~11464~X~004010  
ST~850~114640004  
BEG~00~NE~TLP-X12~~20100614  
CUR~SE~USD  
REF~CT~123456  
REF~DC~123456  
REF~EU~123456  
DTM~010~20100614  
N1~BY~SOLD TO~91~ID Number  
N1~PO~PAYER~91~ID Number  
N1~BT~BILL TO~91~ID Number  
N1~DU~RESELLER  
N2~Reseller Name||  
N3~123 MAIN STREET  
N4~CEDAR RAPIDS~IA~524032140  
REF~DP~DP~DEPARTMENT 100  
REF~7I~ResellerAuthID  
PER~IC~RESELLER TO~TE~8015551234~FX~8015554321~EM~john@doe.com  
N1~EN~END USER  
N2~EndUser Name||  
N3~123 MAIN STREET  
N4~CEDAR RAPIDS~IA~524032140  
REF~DP~DP~DEPARTMENT 200  
N1~IA~DEPLOY TO  
N2~DeployTo Name||  
N3~123 MAIN STREET  
N4~CEDAR RAPIDS~IA~524032140  
REF~DP~DP~DEPARTMENT 300  
PER~IC~DEPLOY TO~TE~8015551234~FX~8015554321~EM~john@doe.com  
N1~ST~SHIP TO  
N2~ShipTo Name||  
N3~123 MAIN STREET  
N4~CEDAR RAPIDS~IA~524032140  
REF~DP~DP~DEPARTMENT 400  
PER~IC~SHIP TO~TE~8015551234~FX~8015554321~EM~john@doe.com  
PO1~1~1~EA~665~CA~BP~12345678~MG~64113730AD01A00  
DTM~010~20100614  
DTM~196~20100614  
CTT~1  
AMT~TT~12  
SE~40~114640004  
GE~1~11464  
IEA~1~000211462