Invoice – Transaction 810
810 Invoice Map - Version 4010

All Mandatory segments MUST be included to process your invoice. Some segments listed as O* are also mandatory for Unisource. If they are missing or incorrect you will be notified to correct invoice and retransmit.

Segment	**Required**

HEADER

Segment	Required
ST-transaction set header	M
BIG-beginning segment for invoice	M
CUR-currency	O*
REF-reference number	M
PER- administrative communications contact	O
N1*-name	M
N3-address information	O*
N4-geographic location	O*
ITD-term of sales	M
DTM-date/time reference	M
FOB-F.O.B. related instruction	O*
MSG-messages	O

LINE DETAIL

Segment	Required
IT1-base line item data	M
CTP-Pricing information	M
PID-product/item description	M
PO4-item physical details	O*
DTM-date/time reference	O*
SAC-allowance or charge info.	O*

SUMMARY

Segment	Required
TDS-total monetary values summary	M
TXI-taxes	M
CAD-carrier detail	M
AMT-monetary amount	M
SAC-allowance or charge info.	O
ISS-invoice shipment summary	M
CTT-transaction totals	M
SE-transaction set trailer.	M

Note : The right segment means it is a loop segment.

Legend: M = Mandatory

O = Optional

* = Optional in the standard, but mandatory for Unisource Inc.

Invoice Header

Segment:**ST** Transaction Set Header					**(MANDATORY)**
Purpose:		To indicate the start of a transaction set and to assign a control number.			
Data element			*Attributes*		*Comments*
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	143	Transaction set Identifier Code	ID M	3/3	"810"
02	329	Transaction Set Control Number	AN M	4/9	Sequentially assigned number (By sender)

Segment:**BIG** Beginning Segment for Invoice					**(MANDATORY)**
Purpose:		To indicate the beginning of an invoice and to transmit identifying numbers and dates.			
Data element			*Attributes*		*Comments*
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	373	Invoice Date	DT M	8/8	CCYYMMDD
02	76	Invoice number	AN M	1/22	
03	373	Purchase Order Date	DT M	8/8	CCYYMMDD
04	324	Purchase Order Number	AN M	1/22	If it's for return, it must be equal to **RTV099**

Segment:**CUR** Currency					***(OPTIONAL)**
Purpose:					
Data element			*Attributes*		*Comments*
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	98	Entity identifier code	ID M	2/3	« BY » = buying party « RE » = party receiving invoice
02	100	Currency code	ID 3	3/3	« CAD » = Canada « USD » = United States

Segment:**REF**   Reference Number   **(MANDATORY)**

Purpose: To specify identifying numbers.

	Data element		Attributes		Comments
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	128	Reference Number Qualifier	ID M	2/2	« GT »: G.S.T. registration number « TX »: P.S.T. registration number « BM » : Bill of lading number « "VR»"=Vendor number
02	127	Reference Number	AN M	1/30	Specify identifying number

NOTE:*A minimum of 2 segments is required, ie. reference of 'GT' and 'TX'. Others qualifiers might be use such as 'BM', 'MP', 'AI'*
with their specific value.

Segment:**PER**   Administrative communications contact   **(OPTIONAL)**

Purpose:

	Data element		Attributes		Comments
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	366	Contact function code	ID M	2/2	« SR » = sales representative
02	93	Name	AN O	1/35	Name
03	365	Communication number qualifier	ID O	2/2	« TE » = telephone
04	364	Communication number	AN O	1/80	Telephone number

Segment:**N1**   Name – BILL TO   **(MANDATORY)**

Purpose: To identify the name of our banner.

	Data element		Attributes		Comments
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	98	Entity Identifier Code	ID M	2/2	"BT" = Bill to
02	93	Name	AN M	1/60	Our Bill To name
03	66	ID Code Qualifier	ID X	1/2	"9" = DUNS qualifier code & suffix
04	67	Identification Code	AN X	2/20	Invoicing DUNS number

Segment:**N3** Address Information					*(OPTIONAL)*

Purpose:	To specify our address.				

Data element			Attributes		Comments
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	166	Address Information	AN M	1/55	Our Banner's address

Segment:**N4** Geographic Location					*(OPTIONAL)*

Purpose:	To specify our geographic place.				

Data element			Attributes		Comments
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	19	City	AN O	2/30	City name
02	156	Province	ID O	2/2	Province code
03	116	Postal Code	ID O	3/15	Postale Code
04	26	Country	ID O	2/3	Country Code

Segment:**N1** Name – SHIP TO					**(MANDATORY)**

Purpose:	To identify the name of our delivery place.				

Data element			Attributes		Comments
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	98	Entity Identifier Code	ID M	2/3	"ST" = Ship to
02	93	Name	AN M	1/60	Our store name or warehouse
03	66	ID Code Qualifier	ID X	1/ 2	« 9 » = duns and suffix « 92 » = Store code number
04	67	Identification Code	AN X	2/80	Our store number (7 digits) or duns number and suffix

Segment:**N3** Address Information					*(OPTIONAL)

Purpose: To specify the address of our delivery place.

Data element			Attributes		Comments
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	166	Address information	AN M	1/55	Address of our store or warehouse

Segment:**N4** Geographic Location					*(OPTIONAL)

Purpose: To specify the geographic place of our delivery place.

Data element			Attributes		Comments
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	19	City	AN O	2/30	City Name
02	156	Province	ID O	2/2	Province Code
03	116	Postal Code	ID O	3/15	Postal Code
04	26	Country	ID O	2/3	Country Code

Segment:**N1** Name - VENDOR					**(MANDATORY)**

Purpose: To identify the name of your company.

Data element			Attributes		Comments
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	98	Entity Identifier Code	ID M	2/2	"VN" = Vendor
02	93	Name	AN M	1/60	Your company name
03	66	ID Code Qualifier	ID X	1 /2	« 9 » = duns & suffix
04	67	Identification Code	AN X	2/80	Your DUNS number & suffix

Segment:**N3** Address Information					***(OPTIONAL)**
Purpose:		To specify your address.			
	Data element		**Attributes**		**Comments**
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	166	Address Information	AN M	1/55	Your company address

Segment:**N4** Geographic Location					***(OPTIONAL)**
Purpose:		To specify the geographic place of your company.			
	Data element		**Attributes**		**Comments**
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	19	City	AN O	2/30	City name
02	156	Province	ID O	2/2	Province Code
03	116	Postal Code	ID O	3/15	Postal Code
04	26	Country	ID O	2/3	Country Code

Segment:**N1** Name - VENDOR					**(MANDATORY)**
Purpose:		To identify the name of your company.			
	Data element		**Attributes**		**Comments**
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	98	Entity Identifier Code	ID M	2/2	"RE" = Remit to
02	93	Name	AN M	1/60	Your company pay to name
03	66	ID Code Qualifier	ID X	1 /2	« 9 » = duns & suffix
04	67	Identification Code	AN X	2/80	Your DUNS number & suffix

Segment:**N3**	Address Information				*(OPTIONAL)

Purpose:	To specify your address.				

	Data element		Attributes		Comments
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	166	Address Information	AN M	1/55	Your company address

Segment:**N4**	Geographic Location				*(OPTIONAL)

Purpose:	To specify the geographic place of your company.				

	Data element		Attributes		Comments
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	19	City	AN O	2/30	City name
02	156	Province	ID O	2/2	Province Code
03	116	Postal Code	ID O	3/15	Postal Code
04	26	Country	ID O	2/3	Country Code

Segment:**ITD**	Terms of Sale/Deferred Terms of Sale				(MANDATORY)

Purpose:	To specify terms of sale.				

	Data element		Attributes		Comments
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	336	Terms Type Code	ID O	2/2	"01" = Terms of payment
02	333	Terms Basis Date Code	ID O	1/2	"2" = Delivery date "3" = Invoice date
03	338	Terms Discount Percent	R3 O	1/6	Discount percentage applied when payment is on terms.
04	370	Terms Discount Due Date	DT X	8/8	Due date to receive the discount
05	351	Terms Discount Days Due	N0 X	1/3	Payment term days
06	446	Terms Net Due Date	DT O	8/8	CCYYMMDD
07	386	Terms Net Days	N0 O	1/3	Payment net days
08	362	Terms discount amount	N2 O	1/10	

Segment:**DTM** Date/Time Reference					***(OPTIONAL)**
Purpose:		To specify pertinent dates and times.			
Data element			*Attributes*		*Comments*
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	374	Date/Time Qualifier	ID M	3/3	"011" = Ship Date "035" = Delivery Date
02	373	Date	DT X	8/8	CCYYMMDD

Segment:**FOB** F.O.B Related Instructions					***(OPTIONAL)**
Purpose:		To specify transportation instructions relating to shipment.			
Data element			*Attributes*		*Comments*
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	146	Shipment Method of Payment	ID M	2/2	"PP" = Prepaid (by Seller) "PB" = Customer Pick-up "CC" = Collect
02	309	Location Qualifier	ID O	1/2	"DE" = Destination "OA" = Origin

Segment: **MSG** Message Text					**(OPTIONAL)**
Purpose:		Free Form Message			
Data element			*Attributes*		*Comments*
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	128	Free Form Message Text	AN M	1/264	

Invoice Line detail

Segment:**IT1** Base Line Item Data						**(MANDATORY)**

Purpose: To specify item details for the invoice.

Data element			Attributes			Comments
Ref.	*ID.*	*Element name*	*Format*		*Length*	
02	358	Quantity Invoiced	R	M	1/10	Total invoiced quantity for this item
03	355	Unit or Basis for Measurement Code	ID	M	2/2	"CA" = Case "KG" = Kilogram ...etc...
04	212	Unit price	R4	M	1/17	
05	639	Unit or Basis for Measurement Code	ID	M	2/2	"QE" = Each
06	235	Product/Service ID Qualifier	ID	O	2/2	"UA" = UPC case
07	234	Product/Service ID	AN	X	1/48	Product number
08	235	Product/Service ID Qualifier	ID	O	2/2	"VN" = Vendor's Item number
09	234	Product/Service ID	AN	X	1/48	Supplier's merchandise number
10	235	Product/Service ID Qualifier	ID	O	2/2	"CB"=Buyer's Catalog number
11	234	Product/Service ID	AN	X	1/6	Catalog number

NOTE*:   IT106 - If other than UPC Case, the product ID qualifier could be send in a particular format depending on the standards norm.*

Segment:**CTP** Pricing information						**(MANDATORY)**

Purpose:

Data element			Attributes			Comments
Ref.	*ID.*	*Element name*	*Format*		*Length*	
02	236	Price identifier code	ID	X	3/3	« UCP » = unit price cost
03	212	Unit price	R4	M	1/17	
08	782	Monetary amount	R2	M	1/18	Extended cost = unit price * quantity

Segment:**PID** Product/Item Description					**(MANDATORY)**

Purpose: To describe a product in a free-form format.

Data element			Attributes		Comments
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	349	Item Description Type	ID M	1/1	"F" = Free-form
05	352	Description	AN X	1/80	Item description

Segment:**PO4** Item Physical Details					***(OPTIONAL)**

Purpose: To specify pack and case sizes.

Data element			Attributes		Comments
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	356	Pack	NO O	1/6	Number of unit in a case
02	357	Size	R2 O	1/8	Size of unit in pack
03	355	Unit or Basis of Measurement Code	ID X	2/2	Unit of measure code

Segment:**DTM** Date/Time Reference					***(OPTIONAL)**

Purpose: To specify pertinent dates and times.

Data element			Attributes		Comments
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	374	Date/Time Qualifier	ID M	3/3	"011" = Ship Date "035" = Delivery Date
02	373	Date	DT X	8/8	CCYYMMDD

| Segment:**SAC**   Allowance, or Charge Information | | | | | | ***(OPTIONAL)*** |

Segment:**SAC** Allowance, or Charge Information	***(OPTIONAL)***

Purpose: To specify the amount or percentage of allowances or charges.

Data element			*Attributes*		*Comments*
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	248	Allowance or Charge Indicator	ID M	1/1	« A » = Allowance « C » = Charge
02	1300	Allowance, or Charge Code	ID X	4/4	« D170 » = Free goods « C090 » = Deposit charges « C310 » = Discount « D360 » = Goods & services charge « H770 » = Provincial tax « H490 » = Tabacco tax (See Standards Manual for more)
05	610	Total Allowance or Charge Amount	N2 O	1/15	
06	378	Allowance/Charge Percent qualifier	ID X	1/1	Mutually defined
07	332	Allowance or Charge Percent	R3 X	1/6	Basis percentage
08	359	Allowance or Charge rate	R4 O	1/9	Number of free units or off-invoice amount per unit
09	355	Unit or Basis of Measurement Code	ID X	2/2	"CA" = Case "PL" = Palet "KG" = Kilogram "LB" = Pound "DO" = Dollars ...etc...
10	339	Allowance or Charge Quantity	R2 X	1/15	If using this element to indicate the applicable amount, you should also specify in element SAC09 the qualification code "DO" - Dollars
12	331	Allowance or Charge Method of Handling Code	ID O	2/2	"01" = Bill back "02" = Off-invoice "06" = Charge to be paid by customer "18" = Already Included
13	127	Reference Number	AN X	1/30	Reference number of the allowance or charge
15	352	Description	AN O	1/80	Allowance or charge description

Invoice Summary

Segment:	**TDS** Total Monetary Value Summary				**(MANDATORY)**

Purpose:	To specify the total invoice discounts and amounts.				

Data element			Attributes		Comments
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	610	Total invoice amount	N2 M	1/15	Invoice amount (Including charges less allowances but excluding terms discount)

Segment:	**TXI** Taxes				**(MANDATORY)**

Purpose:	Specify tax information				

Data element			Attributes		Comments
Ref.	**ID.**	**Element name**	**Format**	**Length**	
01	0963:4	Tax type code	X M	2/2	"GS"=GST, "PG"=QST
02	0782:9	Monetary Amount	R9 C	1/18	
03	0954:8	Percent	R9 C	1/10	"C"=Credit, "D"=Debit

Segment:	**CAD** Carrier Details				**(MANDATORY)**

Purpose:	Specify carrier information				

Data element			Attributes		Comments
Ref.	**ID.**	**Element name**	**Format**	**Length**	
05	0387:2	Routing	XI C	1/35	Carrier name
08	782	Reference ID	X C	1/30	

Segment:	**AMT** Monetary Amount					**(MANDATORY)**

Purpose:	Indicate total monetary amount					

Data element			Attributes			Comments
Ref.	*ID.*	*Element name*	*Format*		*Length*	
01	0522:4	Amount Qualifier	ID	M	1/3	"N"=Net
02	0782:10	Monetary Amount	R	M	1/18	Net Amount

Segment:	**SAC** Allowance, or Charge Information					**(OPTIONAL)**

Purpose:	To specify the amount or percentage of allowances or charges.					

Data element			Attributes			Comments
Ref.	*ID.*	*Element name*	*Format*		*Length*	
01	248	Allowance or Charge Indicator	ID	M	1/1	N » = Information only
02	1300	Allowance, or Charge Code	ID	X	4/4	« D170 » = Free goods « C310 » = Discount « D360 » = Goods & services charge « H770 » = Provincial tax (See Standards Manual for more)
05	610	Total Allowance or Charge Amount	N2	O	1/15	
06	378	Allowance/Charge Percent qualifier	ID	X	1/1	Mutually defined
07	332	Allowance or Charge Percent	R3	X	1/6	Basis percentage
08	118	Allowance or Charge rate	R4	O	1/9	Number of free units or off-invoice amount per unit
09	355	Unit or Basis of Measurement Code	ID	X	2/2	"CA" = Case "PL" = Palet "KG" = Kilogram "LB" = Pound "DO" = Dollars ...etc...
10	380	Allowance or Charge Quantity	R2	X	1/10	If using this element to indicate the applicable amount, you should also specify in element SAC09 the qualification code "DO" - Dollars
12	331	Allowance or Charge Method of Handling Code	ID	O	2/2	"01" = Bill back "02" = Off-invoice "06" = Charge to be paid by customer "18" = Non-Payable Tax
13	127	Reference Number	AN	X	1/30	Reference number of the allowance or charge
15	352	Description	AN	O	1/80	Allowance or charge description

Segment:**ISS** Invoice Shipment Summary					**(MANDATORY)**

Purpose: To specify summary details of total items shipped in terms of quantity, weight and volume.

Data element			Attributes		Comments
Ref.	*ID.*	*Element name*	*Format*	*Length*	
	382	Number of Units Shipped	R0 X	1/10	
02	355	Unit or Basis of Measurement Code	ID X	2/2	"MX" = Mixed
03	81	Weight	R2 X	1/10	
04	355	Unit or Basis of Measurement Code	ID X	2/2	"KG" = Kilogram "LB" = Pound
05	183	Volume	R3 X	1/8	
06	355	Unit or Basis of Measurement Code	ID X	2/2	"CF" = Cubic Feet "CO" = Cubic Meters (Nets)

Segment:**CTT** Transaction Totals					**(MANDATORY)**

Purpose: To transmit the total number of invoiced line items in the transaction set.

Data element			Attributes		Comments
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	354	Number of Line Items	N0 M	1/6	Total number of IT1 segments

Segment:**SE** Transaction Set Trailer					**(MANDATORY)**

Purpose: To indicate the end of the transaction set

Data element			Attributes		Comments
Ref.	*ID.*	*Element name*	*Format*	*Length*	
01	96	Number of Included Segments	N0 M	1/10	Total number of segments within a transaction including ST and SE segments
02	329	Transaction Set Control Number	AN M	4/9	Will be the same as ST02