



810 Invoice Inbound from Vendor

Updated 03/25/2010

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) 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 billing for goods and services provided.

HEADING:

| Segment | Name | Mandatory /Optional | Max Use | Loop Repeat |
|---------|----------------------------------|---------------------|---------|-------------|
| BEG | Beginning of Segment for Invoice | M | 1 | |
| NTE | Note Special Instructions | O | 16 | |
| CUR | Currency | M | 1 | |
| REF | Reference Identification | O | 12 | |
| | LOOP - ID - N1 | | | 3 |
| N1 | Name | M | 1 | |
| N3 | Address Information | O | 1 | |
| N4 | Geographic Location | O | 1 | |
| DTM | Date Time Information | O | 1 | |

DETAIL:

| Segment | Name | Mandatory /Optional | Max Use | Loop Repeat |
|---------|----------------------------|---------------------|---------|-------------|
| | LOOP ID - IT1 | | | 999 |
| IT1 | Baseline Item Data | M | 1 | |
| | LOOP ID - PO1 - PID | | | 60 |
| PID | Product/Item Description | O | 1 | |
| REF | Reference Identification | O | 1 | |

SUMMARY:

| Segment | Name | Mandatory /Optional | Max Use | Loop Repeat |
|---------|---|---------------------|---------|-------------|
| TDS | Total Monetary Value Summary | M | 1 | |
| TXI | Tax Information | O | 10 | |
| CAD | Carrier Details | O | 1 | |
| | LOOP ID - SAC | | | 10 |
| SAC | Service, Promotion Allowance, or Charge Information | O | 1 | |
| | LOOP ID - CTT | | | 1 |
| CTT | Transaction Totals | M | 1 | |

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|-------------------------------|---|--|-------------|-------|------|
| Segment: | BIG Beginning Segment for Invoice | | | | |
| Loop: | | | | | |
| Level: | Heading | | | | |
| Usage: | M | | | | |
| Max Use: | 1 | | | | |
| Purpose: | To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| BIG01 | 373 | Invoice Issue Date | | M | DT |
| BIG02 | 76 | Invoice Number | | M | AN |
| BIG03 | 373 | Date assigned by the purchaser to the purchase order | | O | DT |
| BIG04 | 324 | Purchase Order Number | | M | AN |
| BIG05 | 328 | Release Number | | O | AN |
| BIG07 | 640 | Transaction Type Code | DI | M | ID |
| Special Note for BIG07 | Anixter can only process Debit Invoices via EDI. Credits, RMA's and other documents must be processed manually. | | | | |
| Example | BIG*20011205*987654321*20011204*1234567-00***DI | | | | |

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|-----------------|--|--------------------------|-------------|-------|------|
| Segment: | NTE Note Special Instructions | | | | |
| Loop: | | | | | |
| Level: | Heading | | | | |
| Usage: | O | | | | |
| Max Use: | 16 | | | | |
| Purpose: | For sending special instructions and notes | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| NTE01 | 363 | Note Special Instruction | | O | ID |
| NTE02 | 352 | Description | | M | AN |
| Example | NTE*INV*Free Form Text | | | | |

| | | | | | |
|-----------------|--|--------------------------|-------------|-------|------|
| Segment: | CUR Currency | | | | |
| Loop: | | | | | |
| Level: | Heading | | | | |
| Usage: | O | | | | |
| Max Use: | 16 | | | | |
| Purpose: | For sending special instructions and notes | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| NTE01 | 363 | Note Special Instruction | | O | ID |
| NTE02 | 352 | Description | | M | AN |
| Example | NTE*INV*Free Form Text | | | | |

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|------------------------------|---|-------------------------------|---|-------|------|
| Segment: | N1 Name | | | | |
| Loop: | N1 | | | | |
| Level: | Heading | | | | |
| Usage: | M | | | | |
| Max Use: | 1 | | | | |
| Purpose: | To identify a party by type of organization, name, and code | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| N101 | 98 | Entity Identifier Code | RE Remit To BT Bill-to-Party ST Ship To | M | ID |
| N102 | 93 | Name | | M | AN |
| N103 | 66 | Identification Code Qualifier | 92 | M | ID |
| N104 | 67 | Identification Code | If N101 = VN, Anixter Vendor Id Number If N101 = BT, Anixter Branch Number If N101 = ST, Anixter WHSE | M | AN |
| Special Note For N104 | If N101 is BT or ST, the N104 element MUST exactly match the data submitted by Anixter 850 or 852 | | | | |
| Example | N1*RE*VENDOR NAME*92*11111 N1*BT*ANIXTER*92*3423 N1*ST*ANIXTER*92*ERUC | | | | |

| | | | | | |
|-----------------|--|---------------------|-------------|-------|------|
| Segment: | N3 Address Information | | | | |
| Loop: | N1 | | | | |
| Level: | Heading | | | | |
| Usage: | O | | | | |
| Max Use: | 1 | | | | |
| Purpose: | To specify the location of the named party | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| N301 | 166 | Address Information | | M | AN |
| N302 | 166 | Address Information | | O | AN |
| Example | N3*P.O. BOX 1*121 AnyStreet ST | | | | |

| | | | | | |
|-----------------|--|------------------------|-------------|-------|------|
| Segment: | N4 Geographic Location | | | | |
| Loop: | N1 | | | | |
| Level: | Heading | | | | |
| Usage: | O | | | | |
| Max Use: | 1 | | | | |
| Purpose: | To specify the geographic place of the named party | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| N401 | 19 | City Name | | M | AN |
| N402 | 156 | State or Province Code | | M | AN |
| N403 | 116 | Postal Code | | M | AN |
| Example | N4*ORLANDO*FL*32858 | | | | |

| | | | | | |
|-----------------|-------------------------|---------------------|-------------|-------|------|
| Segment: | DTM Date/Time Reference | | | | |
| Loop: | | | | | |
| Level: | Heading | | | | |
| Usage: | O | | | | |
| Max Use: | 1 | | | | |
| Purpose: | To specify ship date | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| DTM01 | 374 | Date/Time Qualifier | 011 | M | ID |
| DTM02 | 373 | Date | | M | DT |
| Example | DTM*011*20020529 | | | | |

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|-------------------------------|--|------------------------------------|------------------------------------|-------|------|
| Segment: | IT1 Baseline Item Data | | | | |
| Loop: | IT1 | | | | |
| Level: | Detail | | | | |
| Usage: | M | | | | |
| Max Use: | 1 | | | | |
| Purpose: | To specify basic and most frequently used line item data | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| IT101 | 350 | Assigned Identification | < 999 | M | R |
| Special Note for IT101 | IT101 MUST exactly match the PO101 from the Anixter 850. | | | | |
| IT102 | 358 | Quantity Invoiced | | M | R |
| IT103 | 355 | Unit or Basis for Measurement Code | | M | ID |
| IT104 | 212 | Unit Price | | M | ID |
| IT105 | 639 | Basis of Unit Price Code | | O | ID |
| IT106 | 235 | Product/Service ID Qualifier | BP – Buyer Part | M | ID |
| IT107 | 234 | Product/Service ID | | M | AN |
| Special Note for PO107 | IT107 MUST exactly match the PO107 from the Anixter 850, or the LIN02 from the Anixter 852 | | | | |
| IT108 | 235 | Product/Service ID Qualifier | VC - Vendor (Seller's) Part Number | O | ID |
| IT109 | 234 | Product/Service ID | | O | AN |
| IT110 | 235 | Product/Service ID Qualifier | UI - UPC Number | O | ID |
| IT111 | 234 | Product/Service ID | | O | AN |
| IT112 | 235 | Product/Service ID Qualifier | ZZ – Mutually Defined | O | ID |
| IT113 | 234 | Product/Service ID | | O | AN |
| Example | IT1*7*1.00*EA*76.5000**BP*TESTBP*VC*TESTVC*UI*0000000000 | | | | |

| | | | | | |
|-----------------|---|-----------------------|-------------|-------|------|
| Segment: | PID Product/Item Data | | | | |
| Loop: | IT1-PID | | | | |
| Level: | Detail | | | | |
| Usage: | O | | | | |
| Max Use: | 1 | | | | |
| Purpose: | To describe a product or process in coded or free-form format | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| PID01 | 349 | Item Description Type | F | M | ID |
| PID05 | 352 | Product Description | | M | AN |
| Example | PID*F****PRODUCT DESCRIPTION | | | | |

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|-----------------|--|------------------------------------|---|-------|------|
| Segment: | REF Reference Identification | | | | |
| Loop: | PO1 | | | | |
| Level: | Detail | | | | |
| Usage: | O | | | | |
| Max Use: | 60 | | | | |
| Purpose: | To provide a free-form format that allows the transmission of text information | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| REF01 | 128 | Reference Identification Qualifier | BM Billing of Lading Number CO Customer Order Number LT Lot Number PD Promotional/Deal Number PR Price Quote Number | M | ID |
| REF02 | 127 | Reference Identification | | M | AN |
| Example | REF*PR*124578 | | | | |

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|-----------------|--|----------------------------------|-------------|-------|------|
| Segment: | TDS Total Monetary Value Summary | | | | |
| Loop: | | | | | |
| Level: | Summary | | | | |
| Usage: | M | | | | |
| Max Use: | 1 | | | | |
| Purpose: | To specify the total invoice discounts and amounts | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| TDS01 | 610 | Total Invoice Amount | | M | N2 |
| TDS02 | 610 | Total Amount Subject to Discount | | O | N2 |
| TDS03 | 610 | Discounted Amount Due | | O | N2 |
| TDS04 | 610 | Terms Discount Amount | | O | N2 |
| Example | TDS*9360*9360*9173*187 | | | | |

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|-----------------|----------------------------|-----------------|---|-------|------|
| Segment: | TXI Tax Information | | | | |
| Loop: | | | | | |
| Level: | Summary | | | | |
| Usage: | O | | | | |
| Max Use: | 10 | | | | |
| Purpose: | To specify tax information | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| TXI01 | 963 | Tax Type Code | CP - County/Parish Sales Tax CS - City Sales Tax GS - Goods and Services Tax LS - State and Local Sales Tax SP - State/Provincial Tax ST - State Sales Tax ZZ - Duty Free Tax | M | ID |
| TXI02 | 782 | Monetary Amount | | M | R |
| TDS03 | 954 | Percent | | O | R |
| Example | TXI*LS*250*.06 | | | | |

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|-----------------|-----------------------------------|---------------------------------|-------------|-------|------|
| Segment: | CAD Carrier Details | | | | |
| Loop: | | | | | |
| Level: | Summary | | | | |
| Usage: | O | | | | |
| Max Use: | 1 | | | | |
| Purpose: | To specify tax information | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| CAD01 | 91 | Transportation Method/Type Code | | O | ID |
| CAD04 | 140 | Standard Carrier Alpha Code | | O | ID |
| CAD05 | 387 | Routing | | M | AN |
| Example | CAD*L***UPSN*UNITED PARCEL SERVIC | | | | |

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|-----------------|--|---|---|-------|------|
| Segment: | SAC Service, Promotion, Allowance, or Charge Information | | | | |
| Loop: | SAC | | | | |
| Level: | Summary | | | | |
| Usage: | O | | | | |
| Max Use: | 1 | | | | |
| Purpose: | To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge. | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| SAC01 | 248 | Allowance or Charge Indicator | A allowance C Charge N No allowance or Charge P Promotion Q Charge Request R Allowance Request S Service | M | ID |
| SAC02 | 1300 | Service, Promotion, Allowance, or Charge Code | A720 Broken Package Charge E620 Metals Surcharge C850 Expedited Service Charge C650 Energy Surcharge (Fuel Adjustment Factor) D240 Freight B940 Cutting Charge C660 Engineering Charge F150 Packaging Service G740 Service Charge A880 Cancellation Charge F050 Other | M | ID |
| SAC05 | 610 | Monetary Amount | | M | N2 |
| SAC15 | 352 | Description | | M | N2 |
| Example | SAC*C*D240***5500*****FREIGHT CHARGE | | | | |

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|-----------------|-----------------------------------|-------------------------------------|-------------|-------|------|
| Segment: | CTT Transaction Totals | | | | |
| Loop: | CTT | | | | |
| Level: | Summary | | | | |
| Usage: | M | | | | |
| Max Use: | 1 | | | | |
| Purpose: | To indicate the line item amount. | | | | |
| Element | Data Element | Description/Use | Constraints | Usage | Type |
| CTT01 | 354 | Number of Line Items | | M | R |
| CTT02 | 347 | Total number of products on Invoice | | M | R |
| Example | CTT*17*46 | | | | |