



## The Uniform Solution Direct EDI Implementation Overview

### Overview

The requirements for implementing Direct EDI with The Uniform Solution are fairly simple. Each vendor will host their own FTP site. The Uniform Solution will use this site to send purchase orders and to check for a functional acknowledgement. Once an incoming purchase order is transmitted to the FTP site, the vendor is responsible for processing the incoming purchase order and creating the functional acknowledgement.

### FTP Site Requirements – All Folder Names Must be Lower Case

Item	Example	Description
FTP Address	<a href="ftp.uniformvendor.net">ftp.uniformvendor.net</a>	This is the address to the FTP site. The address should be an AName, CName or Sub Domain name in case the IP address changes in the future
User Name		The user name to use to access the FTP site
Password		The password for the user to access the FTP site
Orders Folder	\orders	All EDI orders are sent to this folder.  <b>FTP Access Requirements</b> - The FTP User must have <u>read, write, rename, and delete</u> access to this Folder. EDI files are transmitted with a *.tr_ extension and renamed to *.txt when transmission is complete. Only *.txt files should be processed as complete orders in this folder.  <b>Folder Maintenance</b> - After an order is processed by the vendor, the order should be removed from this folder by the vendor.
Account Folder	\account	In order for The Uniform Solution to send an EDI order to the FTP site, the account number in The Uniform Solution for the vendor <u>must exist in the form of a file</u> in the \account Folder on the FTP site. If a blank text file named after the customer account number does not exist, an order cannot be submitted.  <b>FTP Access Requirement</b> – The FTP user must have <u>read</u> access to this folder  <b>Folder Maintenance</b> – The vendor is responsible for creating and removing the account number files in this folder.
Ack Folder	\acknowledge	The acknowledgement file provided by the vendor for each EDI order is placed in this folder by the vendor. The Uniform Solution retrieves this file to verify an EDI order was processed and to get the results from the processing.  <b>FTP Access Requirement</b> – The FTP user must have <u>read</u> access to this folder  <b>Folder Maintenance</b> – The vendor is responsible for purging old Acknowledgement files. Generally there is no reason to keep these files longer than 30 days.



## File Name Specifications – \*All File Names Must be Lower Case

Files that are placed in the FTP folders have specific naming conventions to make it possible for The Uniform Solution to (1) verify it is OK for an account to send FTP orders and (2) to retrieve the result of an EDI order that was submitted (ie. the functional acknowledgement) in the \acknowledgement folder.

### The Customer Account Number

The customer account number (i.e. *customeracctnum* in the Table below) is the account number used to identify the customer in the Vendor's system. The customer account number can be comprised of 1 or 2 parts. The first part of the account number is always the customer's primary account number in the vendor's system. If there is a dash (ie. "-") after the primary account number, this second value is considered the Store Number (often the Ship To Location). This Store Number/Ship to Location (if one exists) is used in the 4<sup>th</sup> Position of the N1 Segment in the EDI file.

Item	Specification (Items in bold are constants)	Example
Account Validation File	customer <b>acctnum</b> . <b>txt</b> <u>Folder Location:</u> \account	a10532.txt a10532-002.txt a10532-003.txt
Purchase Order File	customer <b>acctnum</b> _edi_ponumber. <b>txt</b> <u>Folder Location:</u> \orders	a10532_edi_1045-1.txt a10532-002_edi_1046-2.txt
Acknowledgement File	customer <b>acctnum</b> _edi_ponumber_ <b>ack</b> . <b>txt</b> <u>Folder Location:</u> \acknowledgement	a10532_edi_1045-1_ack.txt a10532-002_edi_1046-2_ack.txt

## Direct EDI Purchase Order File

The purchase order file created by The Uniform Solution is an EDI-like text file. The example below does not include the ISA/GS segments, but ISA/GS can be included if requested.

### Example EDI File

```

BEG*00*RE*106**021114~
DTM*010*20021114~
DTM*001*20021128~
N1*BT*051911*92*1~
TD5***U*UPSR~
REF*PD*MARCH06~
PO1*8*1*EA*11.25****UP*716605356755~
PO1*9*2*EA*11.25****UP*716605356755~
PO1*10*3*EA*11.25****UP*716605356755~
PO1*11*1*EA*11.00****UP*737314574032~
PO1*12*2*EA*11.00****UP*737314574032~
CTT*5*9~

```



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## EDI File Specifications

Segment/Item		Pos	Definition
<b>BEG</b> Purchase Order Date	00	1	00
	PO Release	2	<b>RE</b> – Normal, <b>SC</b> -Ship Complete, <b>CB</b> -Cancel Backorders
	PO Number	3	The purchase order number
	Extra	4	Blank, <b>WM</b> -Waive Minimums (or Ignore Minimums)
	YYMMDD	5	Purchase Order date in format CCYYMMDD
<b>DTM</b> Start Ship Date	010	1	Start Ship Date Tag
	YYMMDD	2	Start ship date in format CCYYMMDD
<b>DTM</b> Cancel Date	001	1	Cancel Date Tag
	YYMMDD	2	Cancel date in format CCYYMMDD
<b>N1</b> Account Number	Bill To	1	BT- Bill To indicator
	Account No.	2	The customer's main account number ( <b>a10532-002</b> )
	92	3	Fixed
	Store	4	The store number/ship to location in the customer's account number ( <b>a10532-002</b> )
<b>TD5</b> Shipping Method	U	4	Fixed
	Ship Method	5	<b>UPSG, UPSO, UPSB, UPSR</b>
<b>REF</b> Promotion Code	PD	1	Promotion/Deal
	Promotion Code	2	Promotion Code
<b>P01</b> Item to Order	Line Item No.	1	The line item number from The Uniform Solution
	Quantity	2	The quantity ordered
	EA	3	EA – pricing is always each
	Unit Price	4	The unit price of the item – normally not provided
	UP	8	UP – defines the item as referenced by UPC number
<b>CTT</b> Hash Totals	Total Line Items	1	The total line items on the PO
	Total Quantity	2	The total quantity ordered

Vendors can accept purchase orders that are drop shipped to a custom address. Drop Shipments are handled by using the normal N1 to N4 segments found in an EDI file. The example below is followed by the definition:

```
N1*ST*ABC UNIFORMS*92*1~
N2*ATTN: JOHN DOE~
N3*123 MAIN ST*SUITE 400~
N4*ANYTOWN*VA*12345~
```

Segment/Item		Pos	Definition
<b>N1</b> Drop Ship Indicator	ST	1	ST – Ship to indicator
	Name	2	Name portion of ship to address
	N/A	3	92
	Store Number	4	The store number that ordered to merchandise or blank
<b>N2</b> Drop Ship Additional Name – Not required	Name	1	An additional address name
<b>N3</b> Drop Ship Address	1 <sup>st</sup> Address	1	Address information
	2 <sup>nd</sup> Address	2	Address information – can be blank
<b>N4</b> Drop Ship City, Etc.	City Name	1	City name
	State	2	State or province
	Postal Code	3	Postal code



## Direct EDI Acknowledgement File

The standard acknowledgement file used by The Uniform Solution is a Comma Delimited file with a single header record and multiple detail records (if needed).

### Header Record – 1 Per File – Must be the 1<sup>st</sup> Record

There is only one header record in the acknowledgement file and should always be the first record. The first field identifies the version of the acknowledgement file so that it can be properly read by The Uniform Solution. Please see the chart below for a description of the fields in the header record.

Field	Description	Length	Required	Values
Version	The version of the acknowledgement file	5	Y	V1.0
PO Number	The purchase order number	20	Y	
Accepted	Was the po accepted or rejected	1	Y	A – Accepted E – Rejected (Error) AE – Accepted with Errors
Line Items with Error	The number of line items with errors and reported in the detail area	6	Y	1-999,999
Sales Order Number	The vendor's sales order number for the purchase order	20	N	
Sales Order Date	The date of the sales order	8	N	Format mm/dd/yy
Shipment Date	The date the order will ship	8	N	Format mm/dd/yy
Message	Additional information about the order or why it was rejected	100	N	

### Detail Record – Multiple records per file if needed

The detail records in the acknowledgement file are used to provide additional information about line items submitted in the original purchase order. The primary use is to provide the reason for rejecting a particular item on a purchase order. Each line item on a purchase order that was rejected or contains additional information will be referenced in a single detail record. Please see the chart below for a description of the fields in the detail record.

Field	Description	Length	Req	Values
Line Item Number	The original line item submitted in the purchase order	5	Y	1-99999
Return Code	The return code about the item	10	Y	DISC – Discontinued NOTAVAIL – Not Available INVALID – Invalid Item PRICE – Price Correction SHIPDATE – Shipment date
Return Descriptor 1	Descriptor for the return code	20	N	Dependent on Return Code. 1. UPC number returned or 2. Revised Price or 3. Ship Date (format mm/dd/yy)
Return Descriptor 2	Descriptor for the return code	20	N	Dependent on Return Code. 1. Style Color and Size or 2. Ship Date Quantity