



## **Coreflex Inventory Systems**

### **Standard Import - Flat Transaction Release 3.0.0**

Dated Sept 16, 2008  
Revised January 3rd, 2011

**Revision** 13

Update 22 Init23

### **Coreflex Inc.**

A-130 North Drive, Oaks, PA 19456  
Phone: 610 757 1100, Fax 201 808 2700  
[www.coreflexoffice.com](http://www.coreflexoffice.com)

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### Header Records

The first record of each file is the header record. It contains the field names of the corresponding data contained in records 2 through N. Each field name must match exactly to the field name contained in the specification below.

### Token delimited files.

Text files can be processed using column delimitation or token delimitation. When a file is processed using token delimitation, two types of delimiters are used.

#### *Field delimiter*

The field delimiter is the character that separates fields. In the following examples, the comma is the field delimiter:

TEST,TEST2,TEST3

#### *String delimiter*

The string delimiter is used to define the start and stop of a string. String delimiters are not required, but when a field includes a column delimiter, string delimiters make it possible to parse the field. In the following example the quotation mark is the string delimiter.

"Shoes, Medium, Brown",12342342,XZ

### Host Interface Inbound

All inbound transactions from the Host computer will consist of flat files transferred via FTP. COREFLEX will connect to the remote computer and download flat files from a specific directory. Once the file has been successfully transferred to the COREFLEX system, the remote file will be removed by COREFLEX.

#### *Field Types:*

Character - alpha numeric characters. Must be enclosed in quotation marks if a comma is included in the data.

Integer - numbers which cannot include decimal points

Real - numbers that may include decimal points. Decimal points must be included in the field, they are not implied. The number of decimal places accepted is specified in parenthesis. Ex: Real (2) X.YY, XX.YY, XXX.YY, etc.

Date - Dates are specified in the format: **YYYYMMDD**

#### *Important Note for Microsoft SQL Server:*

By default SQL Server database pages are 8kb. Therefore when importing records (especially sales orders and purchase orders), if the total length of all the fields in the record is greater than 8kb then the import will fail.

*Sales Order (SO) Or Advanced Shipping Notification (ASN):*

Record Format:

Fields with a Rec Type of H must repeat for each item within an order. A Rec Type of I represents an Item level field.

Field	Rec	Type / Length	Notes
ORDERNO	H	CHAR 20	Po or ASN number. Must be unique.
INTITEMNO	I	INTEGER	Line number of order item. Must be unique within a given order #
PRODUCTID	I	CHAR 40	Style or SKU # to be picked.
QUANTITY	I	INTEGER	Quantity to be picked.
CUSTOMERNO	H	CHAR 20	Assigned by WH Manager, Not needed for ASN
SHIPPING_METHOD	H	CHAR 40	Carrier Name or Method of Shipping. (Rev13) If this field matches a Shipping Method setup on the Setup – Shipping methods screen, several order-header fields will be overwritten if they are imported blank. See the documentation for the Setup Shipping Methods screen for more information.
SHIP_TO_NAME	H	CHAR 200	Ship To Address information
SHIP_TO_ADDR1	H	CHAR 100	
SHIP_TO_ADDR2	H	CHAR 100	
SHIP_TO_CITY	H	CHAR 20	
SHIP_TO_STATE	H	CHAR 20	
SHIP_TO_ZIP	H	CHAR 20	
SHIP_TO_COUNTRY	H	CHAR 20	
MARKFOR	H	CHAR 20	
VENDORNO	H	CHAR 200	
BILLTOUNIT	H	CHAR 20	
ORIGPRODUCTID	I	CHAR 40	
REFORDERNO	H	CHAR 20	Pick Ticket Number
UPC	I	CHAR 20	Product UPC Code
ORDER_DATE	H	MM/DD/YYYY	Date Order was placed
SHIP_AFTER_DATE	H	MM/DD/YYYY	
CANCEL_DATE	H	MM/DD/YYYY	Date at which to cancel the order if it has not yet shipped.
SALESREP	H	CHAR 20	
BILL_TO_NAME	H	CHAR 20	Bill to Address
BILL_TO_ADDR1	H	CHAR 100	
BILL_TO_ADDR2	H	CHAR 100	
BILL_TO_CITY	H	CHAR 20	
BILL_TO_STATE	H	CHAR 20	
BILL_TO_ZIP	H	CHAR 20	
BILL_TO_COUNTRY	H	CHAR 20	
CONTACTLINE1	H	CHAR 100	
CONTACT_NAME	H	CHAR 200	
CONTACT_PHONE	H	CHAR 20	
CONTACT_EMAIL	H	CHAR 40	
NOTES	H	CHAR 1024	Comment field printed on pick sheet and packing slip/ Shows in ASN comment

			field.
FOB	H	CHAR 50	
TERMS	H	CHAR 50	Displays on ASN on Screen.
OPERCOMMENT	H	CHAR 255	
SHIP_INST	H	CHAR 1024	
DESCRIPTION	I	CHAR 255	Style or Sku Description
PACKSIZE	I	INTEGER	*Pieces per Carton. This is primarily for ASN imports but can also be used with Order imports.
SELLAMTEACH	I	REAL(11,2)	Sell price of the Style or Sku per unit
QCCOMMENT	I	CHAR 255	
CUSTOMERPO	H	CHAR 20	Customer PO #, Not needed for ASN
DEPTID	H	CHAR 20	
CONTACTLINE2	H	CHAR 100	
SHIP_TO_CODE	H	CHAR 20	
SHIP_TO_PHONE	H	CHAR 20	
USERCOMMENT	H	CHAR 1024	
LISTAMTEACH	I	REAL(11,2)	
SKU	I	CHAR 40	Product Id to be printed on a re-labeled (substituted) product. The Product ID in the above Product ID field is the actual inventory item being picked from inventory.
(note for the user defined fields below)			(Rev13) The User Defined fields below, if left blank in the import, can be overwritten based on the shipping method. See the Setup Shipping Methods Screen documentation for more information.
USER_DEFINED1	H	CHAR 20	ASN default use Container #
USER_DEFINED2	H	CHAR 20	
USER_DEFINED3	H	CHAR 20	
USER_DEFINED4	H	CHAR 20	
USER_DEFINED5	H	CHAR 20	
SHIPPING_METHOD_TYPE	H	CHAR 20	If set to Y, the Residential Flag will be checked when the order is brought up in UPS Worldship (requires UPS WorldShip Interface).
CHARGECODE	H	CHAR 20	Charge Codes assigned for billing purposes.
CHARGECODE2			
CHARGECODE3			
CHARGECODE4			
CHARGECODE5			
CHARGECODE6			
CHARGECODE7			
CHARGECODE8			
CHARGECODE9			
CHARGECODE10			
BILLCATEGORY	H	CHAR 20	Holds Billing information (typically Warehouse information) for Public Warehouse.
AREACATEGORY	I	CHAR 20	Determines which Areas the order item may be allocated from. This field must

			match the Area.Category field for the inventory bin. Typically used to hold the desired warehouse from which to pick the inventory.
STYLE	I	CHAR 20	<p>(Rev12) Applies to Sales Order Import Only and PO/ASN Import.</p> <p>Style – (Category 9 in product master) For the garment industry by using the order import post script “Findproductid_Garment_PostImportOrder.sql” the productid for the order item is determined by setting the Color, Size, and Style fields in the order import file and setting the Productid in the order import file to blank.</p> <p>(Rev12) Set the Setting POs: PO Import Post SQL to Find Productid – Garment to have the post import script calculate the Productid using the products Style-Size-Color.</p> <p>(Rev13) This value is now brought in to the order item but still not the ASN item.</p>
COLOR	I	CHAR 20	<p>(Rev12) Applies to Sales Order Import Only and PO/ASN Import.</p> <p>For the garment industry, use the fields as follows: Color – (Category4 in product master) For the garment industry by using the order import post script “Findproductid_Garment_PostImportOrder.sql” the productid for the order item is determined by setting the Color, Size, and Style fields in the order import file and setting the Productid in the order import file to blank.</p> <p>(Rev12) Set the Setting POs: PO Import Post SQL to Find Productid – Garment to have the post import script calculate the Productid using the products Style-Size-Color.</p> <p>(Rev13) This value is now brought in to the order item but still not the ASN item.</p>
SIZE	I	CHAR 20	<p>(Rev12) Applies to Sales Order Import Only and PO/ASN Import.</p> <p>Size - (Category 5 in product master) For the garment industry by using the order import post script “Findproductid_Garment_PostImportOrder.sql” the productid for the order item is determined by setting the Color, Size, and Style fields in the order import file and setting the Productid in the order import file to blank.</p> <p>(Rev12) Set the Setting POs: PO Import</p>

			Post SQL to Find Productid – Garment to have the post import script calculate the Productid using the products Style-Size-Color. (Rev13) This value is now brought in to the order item but still not the ASN item.
DIMENSION	I	CHAR 20	Sales Order Import Only: Used by some custom imports to determine product id by matching on Style, Size, Color, and Dimension. Dimension matches up to category 6 in the Product Master. Not actually brought in to the order Item.
TOTAL_LINES	H	INTEGER	Sales Order Import Only: Place the total number of order lines in this field. A system setting / account preference enables Coreflex to confirm that the number of lines imported for the order matches this field.
END_CUSTOMER_CODE	H	CHAR 20	Indicates the Client of the Account that the order is being processed for. This field is used when printing UCC Labels. The custom label files will use the end customer code in their names.
USER_DEFINED1_ITEM	I	CHAR 200	Item Level user Defined fields. Pass through to all standard Exports.
USER_DEFINED2_ITEM	I	CHAR 200	
USER_DEFINED3_ITEM	I	CHAR 200	
USER_DEFINED4_ITEM	I	CHAR 200	
USER_DEFINED5_ITEM	I	CHAR 200	
REFINTITEMNO	I	INTEGER	(Rev11) For use with the Order Import. This counter should be common for items to be shipped in the same carton and unique for each carton.
EXTERNALREFNO	I	CHAR 30	(Rev11) For use with the Order Import (Rev12) and ASN Import. External Reference # for a group of products on the order. Usually all of the products with the same number would be in a common carton or carrier.
CUBE	I	REAL(11,2)	(Rev11) *Cube of the Carton being received.
WEIGHT	I	REAL(11,2)	(Rev11) *Weight of the Carton being received.
LENGTH	I	REAL(11,2)	(Rev11) *Box Dimensions
WIDTH	I	REAL(11,2)	
HEIGHT	I	REAL(11,2)	
AREA	I	CHAR 20	(Rev11) Receiving Location for ASN items.
SHELF	I	CHAR 20	
BIN	I	CHAR 20	
LOTNO	I	CHAR 20	(Rev 12) Customer Lot #. Note that when this is set on ASN Receiving multiple lots for the same product cannot be kept in the same location. If the Lotno is set on order imports, only that lotno will be

			allocated against the order.
(note for the shipment fields and ShippingSysFileType field below)			(Rev13) The Shipment fields and ShippingSysFileType field below, if left blank in the import, can be overwritten based on the shipping method. See the Setup Shipping Methods Screen documentation for more information.
SHIPMENT_ACCOUNT	H		(Rev12)
SHIPMENT_BILL_OPTION	H		(Rev12)
SHIPMENT_SERVICE	H		(Rev12)
SHIPMENT_PACKAGE_TYPE	H		(Rev12)
SHIPMENT_INFO_SOURCE	H		(Rev12)
SHIPPINGSYSFILETYPE	H		(Rev12)

\* For use with ASNs. If these are set in the file, they do not have to be entered on the Product Dim screen before receiving. However, use the product Dim Screen to update the Product Master from the ASN Lines.