



Coreflex Inventory Systems

Standard Order Export – Carton Multi Transaction Release **3.0.0**

Dated May 20, 2011
Revised November 6th, 2011

Revision 6

Coreflex Version Update 22 Init 20

Coreflex Inc.

A-130 North Drive, Oaks, PA 19456
Phone: 610 757 1100, Fax 201 808 2700
www.coreflexoffice.com

The Carton Multi Tnx Export uses multiple transaction type for different types of data.
The transaction types are identified in the first column of record and are as follows:

TNX Type	TNX Name	Description
BOLL	BOL Label	The remaining columns contain the Field names for the Records in the BOL Transaction type. This record can be excluded (See System Settings Section)
ORDL	Header Label	The remaining columns contain the Field names for the Records in the ORD Transaction type. This record can be excluded (See System Settings Section)
ITML	Item Label	The remaining columns contain the Field names for the Records in the ITM Transaction type. This record can be excluded (See System Settings Section)
CHDL	Carton Header Label	The remaining columns contain the Field names for the Records in the CHD Transaction type. This record can be excluded (See System Settings Section)
CITL	Carton Item Label	The remaining columns contain the Field names for the Records in the CIT Transaction type. This record can be excluded (See System Settings Section)
BOL	Bill of Lading	BOL (Shipment) Level Information
ORD	Order Header	Order Level Information
ITM	Order Item	Order Item Level
CHD	Carton Header	Carton Level Information
CIT	Carton Item	Carton Item Level Information

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 is possible to parse the field. In the following example the quotation mark is the string delimiter.

"Shoes, Medium, Brown",12342342,XZ

Field Types:

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

Integer - numbers which Do Not 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.

System Settings:

System Setting	Description
Exports: Order Export Type	* This must be set to Carton-Multi TNX
Exports: Order Export Include Header Row(s) (always included	* Set to yes to include the HDRL, ITML, CHDL, CITL Transactions

for type Order-Flat)	
Exports: Order Export (Carton-Multi Tnx) Include ITM Transactions	If this is set to No, ITM transactions will not be included in the Export File.
Exports: Order Export (Carton-Multi Tnx) Field to Split File on	This can be set to Customerno (Account) or None. If set to None, all orders for accounts that use this export type will go into one file when the Standard Order Export is run. If set to Customerno, a separate file will be Generated for each Account. If this is set to Customerno, &000 should appear somewhere in the file name or path (below) so that the file name (and/or path) will indicate the account the file is generated for.
Exports: Order Export (Carton-Multi Tnx) File Path	Determines the Path where the file will be generated. Note that the account # can be included by putting &000 somewhere in this setting (ie ..\exports\&000).
Exports: Order Export (Carton-Multi Tnx) File Name	Determines the File Name that will be generated. Note that the account # can be included by putting &000 somewhere in this setting (ie &000_Export.csv).

* This setting can be overridden using Account Preferences.

Account Preferences:

System Setting	Description
Shipment Export: Standard Export Type	* This must be set to Carton-Multi TNX
Shipment Export: Standard Export Include Header Row(s) (always included for type Order-Flat)	* Set to yes to include the HDRL, ITML, CHDL, CITL Transactions
Shipment Export: Standard Export Carton-Multi Tnx Include ITM Transactions	* Set to Yes to include ITM Transactions for Carton-Multi Export

Operational Requirements

The label export on the Packing Screen must be used. This label export creates the cartons that will be exported for an order.

The order can not be manually entered due to data requirements.

UCCLABELNUMBER: The UCC Label Number (AKA “UCC128”) number is generated based on the unique carton index. Generally it identifies the Vendor number + ID number that increments and a check digit. It is customized based on the recipients (ship to) requirements.

Record Format:

Field definitions for each TNX Type are Below.

Field	TNX Type	Type / Length	Notes
LOGCENTER	BOL	CHAR 3	BOL Logcenter
BOLNO	BOL	CHAR 20	Bill of Lading Number
CUSTOMERNO	BOL	CHAR 20	(Rev2) ACCOUNT #
SHIP_TO_NAME	BOL	CHAR 200	Ship To Address information
SHIP_TO_ADDR1	BOL	CHAR 100	
SHIP_TO_ADDR2	BOL	CHAR 100	
SHIP_TO_CITY	BOL	CHAR 20	
SHIP_TO_STATE	BOL	CHAR 20	
SHIP_TO_ZIP	BOL	CHAR 20	
SHIP_TO_COUNTRY	BOL	CHAR 20	
SHIPTOLINE1	BOL	CHAR 100	
SHIPTOLINE2	BOL	CHAR 100	
SHIPTOLINE3	BOL	CHAR 100	
SHIPTOLINE4	BOL	CHAR 100	
SHIPTOLINE5	BOL	CHAR 100	
SHIPTOLINE6	BOL	CHAR 100	
SHIPTOLINE7	BOL	CHAR 100	
SHIPPING_METHOD	BOL	CHAR 40	Carrier Name or Method of Shipping
FROMNAME	BOL	CHAR 200	From Address
FROMADDR1	BOL	CHAR 100	
FROMADDR2	BOL	CHAR 100	
FROMCITY	BOL	CHAR 20	
FROMSTATE	BOL	CHAR 20	
FROMZIP	BOL	CHAR 20	
FROM COUNTRY	BOL	CHAR 20	
FROMLINE1	BOL	CHAR 100	
FROMLINE2	BOL	CHAR 100	
FROMLINE3	BOL	CHAR 100	
FROMLINE4	BOL	CHAR 100	
FROMLINE5	BOL	CHAR 100	
FROMLINE6	BOL	CHAR 100	
FROMLINE7	BOL	CHAR 100	
DATE_SHIPPED	BOL	MM/DD/YYYY	Ship Date of Order
BOL_USER_DEFINED11	BOL	CHAR 200	Bol User Defined Fields 14 is used generally as SCAC Code
BOL_USER_DEFINED12	BOL	CHAR 200	
BOL_USER_DEFINED13	BOL	CHAR 200	
BOL_USER_DEFINED14	BOL	CHAR 200	
BOL_USER_DEFINED15	BOL	CHAR 200	
BOL_USER_DEFINED16	BOL	CHAR 200	
BOLREFNO	BOL	CHAR 40	(Rev5) This field is set on the Order More Screens and is the End Customers Reference # for the BOL
PRONUMBER	BOL	CHAR 50	(Rev6) Shippers Pro Number
BOLNO	ORD	CHAR 20	These 2 fields are used to identity the BOL txn the Order is part of.
LOGCENTER	ORD	CHAR 3	
ORDERNO	ORD	CHAR 20	Po or ASN number. Must be unique.

TYPEH	ORD	CHAR 20	
REFORDERNO	ORD	CHAR 20	Pick Ticket Number
WAVE	ORD	CHAR 20	Wave Number the order was picked in
ORDERPRIORITY	ORD	CHAR 5	Priority Code for Order
ORDER_DATE	ORD	MM/DD/YYYY	Date Order was placed
CUSTOMERNO	ORD	CHAR 20	ACCOUNT #
BILL_TO_NAME	ORD	CHAR 20	Bill to Address
BILL_TO_ADDR1	ORD	CHAR 100	
BILL_TO_ADDR2	ORD	CHAR 100	
BILL_TO_CITY	ORD	CHAR 20	
BILL_TO_STATE	ORD	CHAR 20	
BILL_TO_ZIP	ORD	CHAR 20	
BILL_TO_COUNTRY	ORD	CHAR 20	
BILLTOLINE1	ORD	CHAR 100	
BILLTOLINE2	ORD	CHAR 100	
BILLTOLINE3	ORD	CHAR 100	
BILLTOLINE4	ORD	CHAR 100	
BILLTOLINE5	ORD	CHAR 100	
BILLTOLINE6	ORD	CHAR 100	
BILLTOLINE7	ORD	CHAR 100	
ORDERSOURCE	ORD	CHAR 20	
DATE_UPDATED	ORD	MM/DD/YYYY	
DATE_EXPIRED	ORD	MM/DD/YYYY	
SHIPMENT	ORD	CHAR 20	
NUMBOXES	ORD	INTEGER	Number of Cartons on Order
NUMPIECES	ORD	INTEGER	Number of Pieces on Order
CUSTOMERPO	ORD	CHAR 20	Customer PO #, Not needed for ASN
SHIP_INST	ORD	CHAR 1024	
SHIP_CRG_EXP	ORD	REAL(11,2)	
SHIP_CRG_ACTUAL	ORD	REAL(11,2)	Actual Shipping Charge
WEIGHT_EXP	ORD	REAL(11,2)	Order Weight Expected
WEIGHT_ACTUAL	ORD	REAL(11,2)	(Rev2) Order Weight (Total of Carton Weights)
SUBTOTAL	ORD	REAL(11,2)	
TAX	ORD	REAL(11,2)	
HANDLING	ORD	REAL(11,2)	
CHARGE1	ORD	REAL(11,2)	
CHARGE2	ORD	REAL(11,2)	
TOTAL	ORD	REAL(11,2)	
OPERCOMMENT	ORD	CHAR 255	
CUSTOMERFIRSTNAME	ORD	CHAR 50	
CUSTOMERLASTNAME	ORD	CHAR 50	
USERCOMMENT	ORD	CHAR 1024	
TERMS	ORD	CHAR 50	
SALESREP	ORD	CHAR 20	
FOB	ORD	CHAR 50	
SHIP_AFTER_DATE	ORD	MM/DD/YYYY	
ORDERCARRIER	ORD	CHAR 20	
STOREID	ORD	CHAR 20	
DEPTID	ORD	CHAR 20	
MARKFOR	ORD	CHAR 20	
CUSTOMERPODATE	ORD	CHAR 22	
COMPANYNO	ORD	CHAR 20	
PROMISEDATE	ORD	MM/DD/YYYY	

TRACKINGNO	ORD	CHAR 50	
USER_DEFINED1	ORD	CHAR 200	Order Header User Defined Fields
USER_DEFINED2	ORD	CHAR 200	
USER_DEFINED3	ORD	CHAR 200	
USER_DEFINED4	ORD	CHAR 200	
USER_DEFINED5	ORD	CHAR 200	
BILLCATEGORY	ORD	CHAR20	Bill Category (Warehouse) for Billing Purposes
VOLUME	ORD	REAL(11,2)	Total Cube of Order (uses volume in the Product Table time the total quantity picked)
END_CUSTOMER_CODE	ORD	CHAR20	(Rev4) End Customer Code receiving the order. This is used when creating UCC128 Labels.
LOADID	ORD	CHAR50	(Rev6) Trading Partners Shipping Reference Number.
LOGCENTER	ITM	CHAR 3	Always LC1
ORDERNO	ITM	CHAR 20	Po or ASN number. Must be unique.
ITEMNO	ITM	INTEGER	
INTITEMNO	ITM	INTEGER	Line number of order item. Must be unique within a given order #
SUBITEMNO	ITM	INTEGER	0 – Original Order Line >0 – Sub lines Picked against order line
REFINTITEMNO	ITM	INTEGER	
REFSUBITEMNO	ITM	INTEGER	
TYPEI	ITM	CHAR 10	
ITEMPRIORITY	ITM	CHAR 3	
ORIGPRODUCTID	ITM	CHAR 40	
PRODUCTID	ITM	CHAR 40	Style or SKU # to be picked.
SELLAMTEACH	ITM	REAL(11,2)	Sell price of the Style or Sku per unit
SELLAMTEXT	ITM	REAL(11,2)	Extended Sell price of the Style or Sku
COSTAMTEACH	ITM	REAL(11,2)	Cost of the Style or Sku per unit
COSTLAMTEXT	ITM	REAL(11,2)	Extended Cost of the Style or Sku
ITEMCARRIER	ITM	CHAR 25	
CONSOLIDATIONLANE	ITM	CHAR 20	
WAREHOUSE	ITM	CHAR 20	
AREA	ITM	CHAR 20	
SHELF	ITM	CHAR 20	
BIN	ITM	CHAR 20	
QUANTITY	ITM	INTEGER	
UOM	ITM	CHAR 20	
DSTWAREHOUSE	ITM	CHAR 20	
DSTAREA	ITM	CHAR 20	
DSTSHELF	ITM	CHAR 20	
DSTBIN	ITM	CHAR 20	
DSTUOM	ITM	CHAR 20	
QTYPIKED	ITM	INTEGER	Carton Quantity
QTYPACKED	ITM	INTEGER	Quantity Packed (Scan Packed)
QTYINCARTONS	ITM	INTEGER	
SCANNED	ITM	INTEGER	
DESCRIPTION	ITM	CHAR 255	Style or Sku Description
LABELS	ITM	INTEGER	
QCCOMMENT	ITM	CHAR 255	
BOX	ITM	INTEGER	
SPWAREHOUSE	ITM	CHAR 20	

SPAREA	ITM	CHAR 20	
SPSHELF	ITM	CHAR 20	
SPBIN	ITM	CHAR 20	
CATEGORY	ITM	CHAR 100	
LOTNO	ITM	CHAR 20	Lot Number
EXPDATE	ITM	MM/DD/YYYY	Expiration Date
PALLETID	ITM	CHAR 20	
USERID	ITM	CHAR 20	ITMD of user who picked the line item
RECEIVEDDATE	ITM	MM/DD/YYYY	
PICKSEQUENCE	ITM	ITMNTTEGER	
ENDCUSTOMERPRODUCTID	ITM	CHAR 40	
LISTAMTEACH	ITM	REAL(11,2)	
QTYSHIPPED	ITM	ITMNTTEGER	(Use QtyPicked)
ORIGQTY	ITM	ITMNTTEGER	
USER_DEFINED1_ITEM	ITM	CHAR 200	Order item User Defined Fields
USER_DEFINED2_ITEM	ITM	CHAR 200	
USER_DEFINED3_ITEM	ITM	CHAR 200	
USER_DEFINED4_ITEM	ITM	CHAR 200	
USER_DEFINED5_ITEM	ITM	CHAR 200	
WEIGHT	ITM	REAL(11,2)	Order Line Weight
CATEGORY	ITM	CHAR100	Product Category fields from Product Master
CATEGORY2	ITM	CHAR100	
CATEGORY3	ITM	CHAR100	
CATEGORY4	ITM	CHAR100	
CATEGORY5	ITM	CHAR100	
CATEGORY6	ITM	CHAR100	
CATEGORY7	ITM	CHAR100	
CATEGORY8	ITM	CHAR100	
CATEGORY9	ITM	CHAR100	
CATEGORY10	ITM	CHAR100	
UPC	ITM	CHAR40	(Rev6) Product UPC. Can be imported with the order line. If blank or null, the first Scan Code for the Productid on the order line will be used.
LOGCENTER	CHD	CHAR 3	Always LC1
ORDERNO	CHD	CHAR 20	Po or ASN number. Must be unique.
REFINTITEMNO	CHD	INTEGER	Original Line Reference #
CARTONID	CHD	CHAR 20	Coreflex Carton #
WEIGHT_ACTUAL	CHD	REAL(11,2)	Carton Weight
UCCLABELNUMBER	CHD	CHAR100	Carton UCC Label Number
LENGTH	CHD	INTEGER	Carton Length from Product Dims
WIDTH	CHD	INTEGER	Carton Width from Product Dims
HEIGHT	CHD	INTEGER	Carton Height from Product Dims
TRACKINGNO	CHD	CHAR 100	(Rev6) Carton Tracking #
SHIP_CRG_ACTUAL	CHD	REAL(11,2)	(Rev6) Carton Shipping Charge
CARTONSEQ	CHD	INTEGER	(Rev6) Carton # in shipment (ie 1 of 3, 2 of 3)
NUMBOXES	CHD	INTEGER	(Rev6) Total Cartons for order
LOGCENTER	CIT	CHAR 3	These fields refer back to a unique CHD record
ORDERNO	CIT	CHAR 20	
REFINTITEMNO	CIT	INTEGER	
CARTONID	CIT	CHAR 20	

PRODUCTID	CIT	CHAR40	
UPC	CIT	CHAR20	PrePack Size UPC #
SKU	CIT	CHAR20	Sku # from Order Items
QTY PICKED	CIT	INTEGER	Quantity in Carton For Product
STYLE	CIT	CHAR 100	(Rev2) From Product Categories 9,4,5,10 respectively
COLOR	CIT	CHAR 100	
SIZE	CIT	CHAR 100	
VENDORNO	CIT	CHAR 100	
UOM	CIT	CHAR 20	(Rev3) Unit of Measure
DESCRIPTION	CIT	CHAR 512	(Rev3) Product Description
SELLAMTEACH	CIT	REAL(11,2)	(Rev6) From the Price in the Order Item

Note that as new fields are added to the interface, they will be added at the end of the interface.