Infor Excelda Inc. (FW)

Traditional

Publication Information

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Contents

Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transaction Sets and Versions

The Excelda Inc. module supports the following transaction sets:

- 850 Purchase Order Version 4010
- 856 ASN Version 4010

The 850 (Purchase Order) contains shipping requirements. 850s are one-time orders to be shipped complete.

The 856 (ASN) is required to be transmitted for each shipment when the truck leaves the plant.

Ford WDMO

Ford Worldwide Direct Marketing Operations (WDMO) issues Suppliers Part Release Orders via EDI using a Planning Schedule (830) transaction. The supplier will receive a Purchase Order (850) transaction from Excelda Inc. with the name and address of the dealer to whom the items are to be shipped.

Suppliers must create shippers from the 850 received from Excelda Inc. and send an ASN for the shipment to Excelda Inc. on a daily basis. When the Excelda Inc. ASN is extracted, the corresponding Ford WDMO / DIO ASN is automatically created. Once a week, the supplier is to send a CUM ASN to Ford WDMO, including information for all of the orders shipped to the Ford dealers based on the ASNs sent to Excelda Inc..

Security

Communication Method

Excelda Inc. communicates through the ACM (Advanced Communications Module) component.

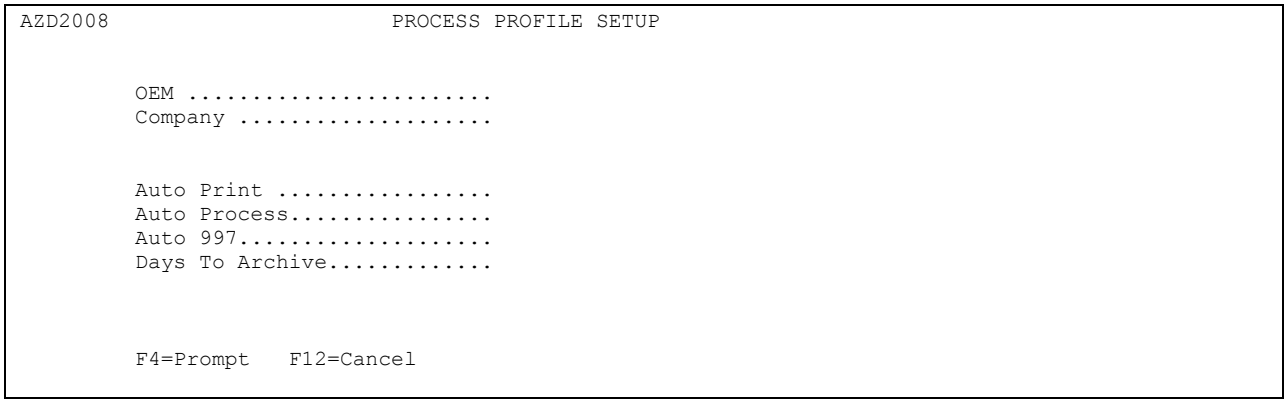
For more information on ACM, see Chapter 17 of the AutoRelease main manual. Enter security requirements (identification codes, passwords, etc.) before attempting to receive or transmit. Network security is entered one time, but may be accessed by multiple trading partners.

Note: When establishing communication set up either with a VAN or direct, the following must exist:

Wrap Data?	YES - 80
Start New Record on New Interchange?	YES

File Archiving / Auto Print and Process

(Option 3 on the AZ10 Menu - ACM)



Auto Print (Y/N) - Enter “Y” if using AutoReceive and Breakdown (scheduled through ACM), to perform an automatic Print after the Breakdown. Enter “N” if not using AutoReceive, or, if using AutoReceive and Breakdown, if the Print option is not to be run automatically after the Breakdown.

Auto Process (Y/N) - Enter “Y” if using AutoReceive and Breakdown (scheduled through ACM) and if also using Auto Print, to perform an automatic Process after the Receive, Breakdown and Print. Enter “N” if not using AutoReceive, or, if using AutoReceive, Breakdown, and Auto Print, if the Process option is not to be run automatically after the Print.

Auto 997 (Y/N) – Enter “Y” and a 997 will automatically be sent back to the OEM acknowledging receipt of inbound EDI data.

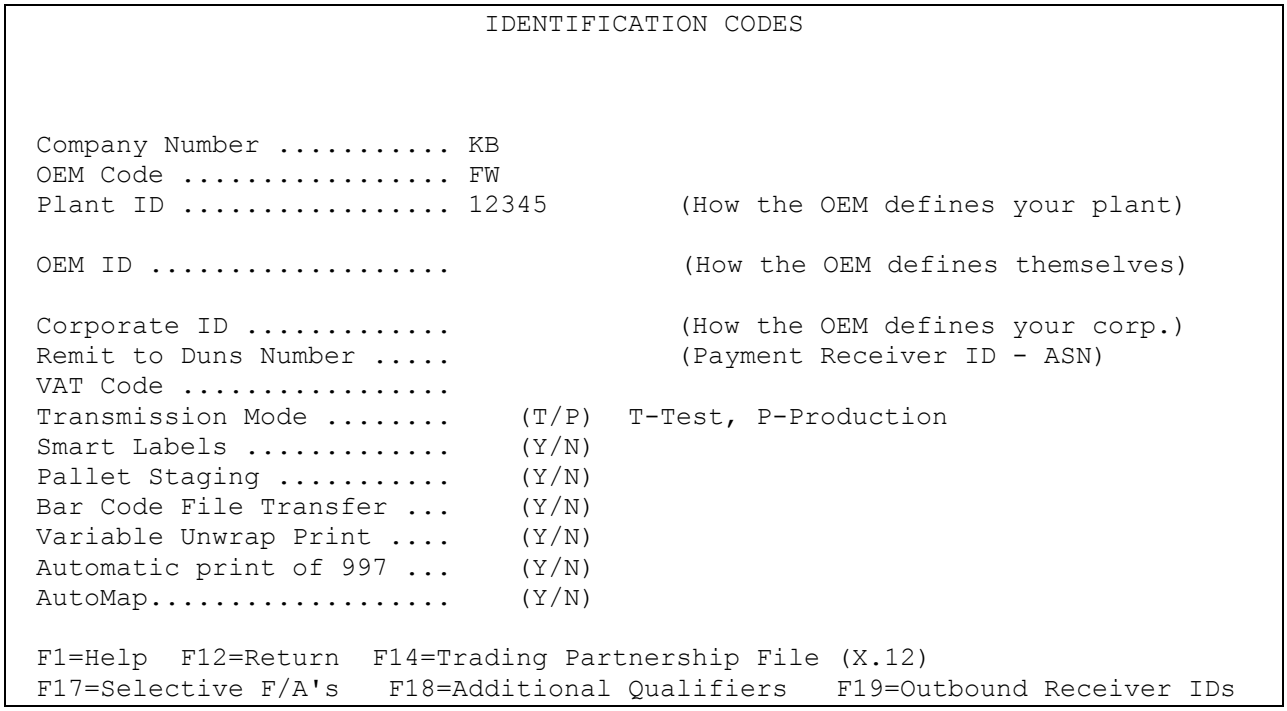
Days to Archive - Enter the number of days to archive files received from the OEM. Files must be saved for at least one day. Archived files, are files that are stored for a given number of days so that they can be reactivated. The number of days is not based on calendar days. Only the number of days when a communication session takes place is counted. Then the archived files are removed during the next shift.

Note: Only error free requirements are processed. Errors must be corrected and the “Print” and “Process” options must be taken manually to process the remaining data.

Implementation

Identification Code File

The Identification Code File is used when taking the options to “Split” and “Breakdown” a file received from Excelda Inc. and when transmitting ASNs and uploading bar code data. The Identification Code File is used differently by different manufacturers.



Errors that occur during the “Split” that indicate a code is missing from the Identification Code File are referring to OEM ID.

Errors that occur during the “Breakdown” that indicate a code is missing from the Identification Code File are referring to Plant ID or Corporate ID.

Trading Partnership File

The Trading Partnership file is used to enter data used in the “enveloping” of the electronic file being transmitted instead of using the Identification Code file and the hard-coding within the programs. When a trading partner changes its enveloping, users may change the enveloping in the Trading Partnership file, instead of waiting for a program change.

Press F14 (Trading Partnership File) after entering the appropriate data in the Identification Code File.

Steps to create default values:

1. Press F6 (Add) from the ISA list screen.
2. Enter customer abbreviations if running multiple versions of Excelda Inc.

3. Press Enter.
4. Enter the code representing the data format (“A” for ISA).
5. Press Enter. The ISA detail screen displays.
6. Press F7 (Infor defaults):

Initial Record
One ISA record is created.
One GS record is created for the ISA record (transaction set 856).

If the control number is to start at a number other than 0, the control numbers screen must be accessed, F14 (Control#) from the ISA list screen. No modifications are needed to the ISA records. Modifications are needed to the GS detail screen.

1. Press Enter. The ISA list screen displays.
2. Press F14 (Control#) to enter the ST control number.

Control Numbers Screen

```
VLD9702O   Control Numbers

  ISA Control#:          5
  GS Control#:           5
  ST Control#:

 F12=Return
```

ST Control Number - The number in this field represents the last ST control number used when the Create and Transmit option was taken for the 856. This applies only when the Non-Repeating Transaction Control Number field is marked “Y” on the GS detail screen. The ST control number increments by one each time an 856 file is transmitted. If this field is blank (representing zero), after the first transmission, it increases to one.

1. Press Enter. The ISA list screen displays with two ISA records (test and production).
2. Select each record one at a time with “1.”
3. Press Enter. The ISA detail screen displays.

ISA Detail Screen

```
VLD9702A                  Maintain Trading Partnership File

 Company Number.......... KB                (A)ISA/(C)ICS/(E)Edifact: A
 OEM Code................ FW
 Supplier ID............. 12345
 Customer Abbrv(O).......
 Destination Abbrv(O)....

 User Define Description:

              Qualifier/Information
 Authorization:                             Active (Y)/(N):
 Security:
 Sender:
 Receiver:
                                                          Hexadecimal Code
 Control Standards ID:                   Sub Element Separator:
 Version Identifier:                     Data Element Separator:
                                         Segment Terminator:
 Computer Generated ISA Control Number:

F7=Create Infor Defaults  F10=GS Level  F12=Return
```

1. Required Changes for the 856 ISA Record

Infor recommends that you clearly identify the record in the description. If separate records are created for each destination, identify the destination and the transaction set. If one record is used for all destinations, do not enter the destination abbreviation and identify the transaction set in the description.

1. Press F10 (GS Level). The GS list screen displays.
2. Select the GS record with “1” and press Enter to display the GS detail screen. Default data can be viewed or maintained.

GS Detail Screen

```
VLD9702E                Maintain Functional Identifier

 Company Number.......... KB
 OEM Code................ FW
 Supplier ID............. 12345
 Customer Abbrv(O).......
 Destination Abbrv(O)....
 Transaction Type........
                                            Non Repeating Transaction
 Functional Identifier:                         Control Number:
 Application Sender:
 Application Receiver:                      ST Control#:
 Responsible Agency Code:
 Version/Release/Industry:
 (T)est/(P)roduction:
 Acknowledge Requested:

 Last Date Used:             0/00/00
 Last Time Used:
 Number Times Used:                           Processing Option: P
 Computer Generated Group Control Number:     P=Print Before Sending
F12=Return
```

Processing Option - The default is “P,” an unwrapped file may be viewed before the transmission.

1. Press Enter.
2. Press F12 to return to the ISA detail screen.
3. Press Enter.
4. Press F12 twice to return to the ISA list screen.
5. Repeat steps 10-17 for each ISA record.

Setup is complete when the communication record has been modified.

Model Year

Excelda Inc. does not send model year. Therefore, the requirement and Price files must be entered leaving the Model Year field blank.

Requirement File - Clear Flags

Clear flags are not marked for the 850. Flag settings are subject to change based on the files Excelda Inc. transmits to your company.

Note: Do not select clear flags with “X” if requirements are transmitted only once for any given transaction set.

Machine Readable Customer File

Two Customer Abbreviation Records must be setup: one for OEM “F” and one for OEM “FW.”

Note: The customer abbreviation value entered for Ford must match the value entered for Excelda Inc.

Special Processing

The Type of Processing flag must be “C” or blank.

```
JTDMAINT4            Special Processing Information
 Load Past Due Req'ts from
 History? (Y/N/B/M) ......          Chrysler Special Processing for
                                    'B D' or 'B W' Reqs (B/L/S)....
 Type of Processing (C/N).          Remove Chry EDI 'B D' or 'B W'
                                    Reqts. prior to today (Y/N) .....
 Ignore STD PAK for
 Load/MRP Build? (Y/N) ..           Omit 830 planning req'ts in
                                    Shipping (Y/N) ..................
 Competitor Part (C) or
 FBO Flag (B/F/J/E) ......          Pricing Based On Order Quantity
                                    Or Ship Quantity? (O/S) .........
 Special Partial Week
 for current week (Y/N) ..          Override in Manual Req'ts Entry:
                                    Release Number and Date? (Y/N) ..
 No Container Calculation           P.O. Number? (Y/N) ..............
 for Part On Shipper (Y/N)          Eng. Revision Level? (Y/N) ......

 Partial Week With Sunday           Secondary OEM Code ..............
 Dates (Y/N) .............          SPAB BOM Flag  ..................
                                    OEM Specific Process (B,Q,Z).....
 F1=Help   F12=Return
```

VL0 Menu

```
VLD0000FW1     5/23/XX            MENU: VL0FW           15:22:42
12.0          ------------------------------------------------------
                              EXCELDA INC
                      VARIABLE LENGTH TELECOMMUNICATIONS
              ------------------------------------------------------

                       1.  Receive Data
                       2.  Split Network Data Into OEM Files
                       3.  Breakdown Data
                       4.  Print Requirements (850)
                       5.  Process Requirements (850)
                       6.  Purchase Order Menu (850)









                      23.  Return to V/L Telecommunications
                      24.  Return to Main Menu

                                   Option
```

Many options are identical from trading partner to trading partner. Those options are explained in the AutoRelease manual. Only options unique to this trading partner, exceptions or unique business practices are explained in this document.

See the How to Use this Document section for organizational details about AutoRelease and trading partner documents.

Print Method

(Option 6 on the VL0 Menu)

Print Method: Optional

Excelda Inc. is coded to use the optional "Print" method, which affects the Breakdown, Print and Process options.

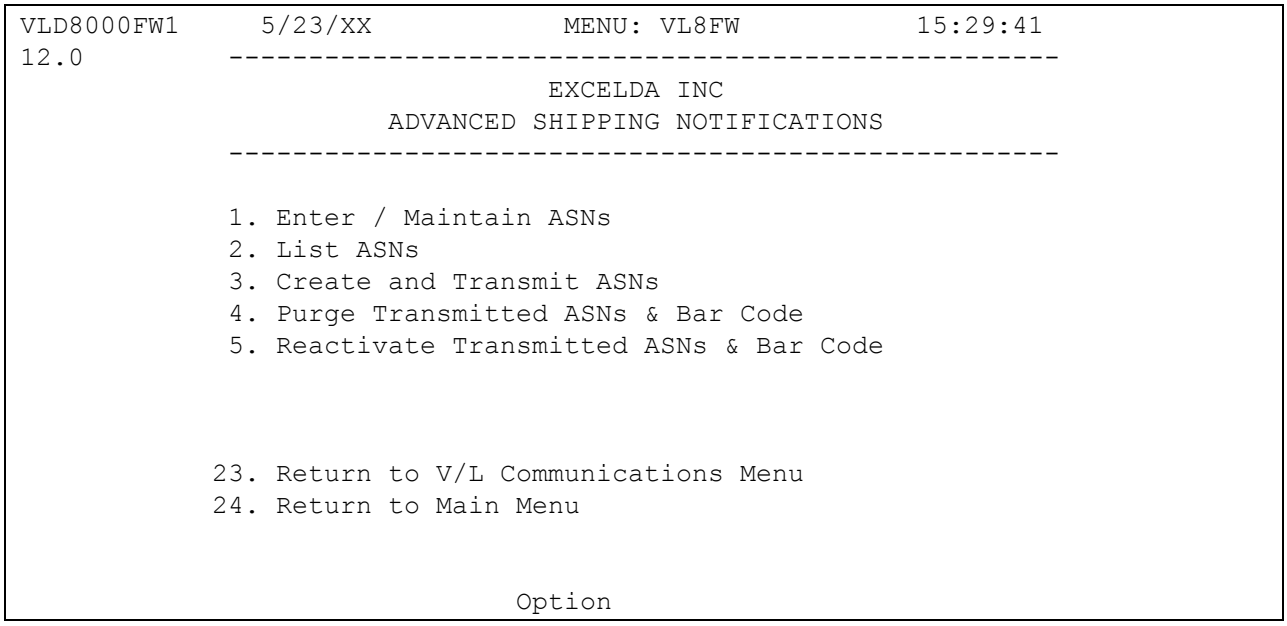
VL35 Menu

```
VLD3500FW1     5/23/XX            MENU: VL35FW          15:28:01
12.0          ------------------------------------------------
                                EXCELDA INC
                             P.O. INQUIRY MENU
              ------------------------------------------------

              1.  Display Purchase Orders
              2.  List Purchase Orders
              3.  Purge Purchase Orders




             23.  Return to V/L Communications Menu
             24.  Return to Main Menu

                                  Option
```

Purchase Order Menu

The Purchase Order Menu displays a list of purchase orders (850) received from Excelda Inc. During the “breakdown,” all data received in the 850 file is placed in the universal files VPX855A - VPX855AA. The data displayed in the Purchase Order Menu options is the same data as that from the 850 Edit List that is placed on hold during the “print” from the Excelda Inc. VL0FW menu. All data received can be viewed and/or listed from this menu (VL35FW). When this data is no longer current, it may be purged. Purging purchase order records from this menu does not affect the requirement or load files.

ASNs



Traditionally coded trading partners use a VL8xx menu (where “xx” is the OEM code) to transmit ASNs to the trading partner. Many options are identical from trading partner to trading partner. Those options are explained in the AutoRelease manual. Only options unique to this trading partner, exceptions, or unique business practices are explained in this document.

ASN Cancellation Procedure

To cancel an ASN that has already been transmitted, call Excelda Inc.

Maintain ASNs

(Option 1 on the VL8 Menu)

ASN Maintenance Screen

```
VLD810BU1                        ASN MAINTENANCE
Sequence number                       Company  KB          Action Code  O
 ------------------------------------------------------------------------------
--
 Shipper # ....                  Container Qty..           Cust Abrv ..
 Ship Date ....   0/00/00        Cont. Desc ....           Dest Abrv ..
 Ship Time ....                  Net Weight ....
 Qty Shp ......                  Tare Weight ...
 Unit of Mea ..                  In-House Part #
 OEM ..........  FW              Cust Part #....
 ASN ..........                  Release # .....
 Ret Container.      (Y/N)       Plant ID.......
 Conv. Code ...                  Corporate ID...
 Carrier Abrv..                  P.O. Number ...
 Dest Carrier .                  P.O. Line # ...
 Equip Desc....                  Conv Bill # ...
 Equip Initial.
```

- Sequence number - Assigned by the system.
- Company - Displays the company number that was previously entered.
- Action Code - The action code places the corresponding two-digit code in the BSN 01 segment in the ASN file. Valid action codes are the following:

  O - Original 00

  H - Hold Record is not included in transmission

  T - Transmitted

- ASN - Defaults from the Destination file. The ASN code can be changed at shipper entry time. Excelda Inc. uses the ASN code “V” for variable length without bar code verification.
- Many fields on the ASN screen default from various master files. However, many of them can be changed at shipper entry time.
- Shipper # - Shipper number assigned by the system when the shipper was created.
- Container Qty - The number of containers, which is calculated by dividing the quantity shipped by the package quantity entered in the requirement A record. It can be changed at shipper entry time.
- Cust Abrv - User-assigned abbreviation that must be entered in the machine readable file to return the correct customer code in the ASN file.

- Ship Date - Date of shipment in the MM-DD-YY format. Defaults from shipper entry time.
- Cont. Desc - The container description must be a valid AIAG standard description consisting of three alpha characters followed by two numeric characters. This defaults from the Container file. The container code can be changed at shipper entry time.
- Dest Abrv - User-assigned abbreviation that must be entered in the machine readable file to return the correct destination code in the ASN file.
- Ship Time - Time entered at shipper entry time (HHMM) in military format. If no time is entered, the ship time is defaulted from the system time when the "extract" option is taken.
- Net Weight - Total weight of parts, calculated by multiplying the quantity shipped times the net weight per part entered in the Parts Cross Reference file. It can be changed at shipper entry time.
- Qty Ship - Number of pieces shipped.
- Tare Weight - The weight of the container(s), which is calculated based on the container and pallet weights entered in the Container file. The tare weight can be changed at shipper entry time.
- Unit of Mea - Defaults from ASN Unit of Measure field in the Destination file. It can be changed at shipper entry time.
- In-House Part # - Internal part number entered in the Parts Cross Reference file.
- OEM - “FW” for Excelda Inc.
- Cust Part # - Excelda Inc.’s part number.
- Release # - Release number received from Excelda Inc..
- Ret Container - Defaults from the Container file. This can be changed at shipper time.
- Plant ID - Supplier code assigned by Excelda Inc. This is entered in the Supplier Code field in the requirement A record and the Plant ID field in the Identification Code file.
- Conv. Code - Defaults from the Carrier file.
- Corporate ID - Defaults from the Identification Code file. The supplier code entered in the requirement master finds a match in the Plant ID field in the Identification Code file and retrieves the Corporate ID entered there.
- Carrier Abrv - Carrier abbreviation (SCAC code), which defaults from the Carrier Abbreviation field in the Carrier file.
- P.O. # - Purchase order number issued by Excelda Inc. Defaults from the requirement B record.
- Dest Carrier - Carrier abbreviation (SCAC code), which defaults from the Delivery Carrier field in the Carrier file.

- P.O. Line # - Purchase order line number from Excelda Inc.. Defaults from the requirement B record.

- Equip Desc - The equipment description further describes the conveyance code. It defaults from the Carrier file.

- Conv Bill # - Defaults from the Conveyance Number field at shipper entry time if a trailer number or air freight number was entered. If there was no entry at that time, the shipper number is defaulted.

- Equip Initial - Equipment Initial (equipment owner's code), defaults from the Carrier File.

How to Use This Document

This document provides information regarding unique instructions required to implement this trading partner's unique business practices. Check the chapters in AutoRelease that describe the common functions and procedures performed by all trading partners, such as the daily procedures, security, ASN options, etc.

General Information

The general information section of this document describes transaction sets and versions, how they apply to this trading partner and other miscellaneous information.

Security

The security section of the document explains the communication method used by this trading partner and network profile, when applicable.

Implementation

The trading partner documents provide information that may be pertinent only to this trading partner. The implementation section covers master file entry that is unique to this trading partner. However, all required master files must be entered according to the instructions in the "AutoRelease User's Manual."

Files and fields that are unique for all trading partners include the identification code file, trading partnership file, model year, Requirement Master clear flags and CUM required prior.

VL0 Menu

Traditionally coded trading partners use a VL0xx menu (where xx is the OEM code) to perform daily procedures (from the “receive” through the “process”). Many of the options on the VL0 menus are identical from trading partner to trading partner. Those options are explained one time only in the AutoRelease manual.

Daily Procedures	Describes the receive, split, breakdown, print, process, and transmit 997
Security	Describes all security selection and maintenance options and VAN menus

The VL0 section of each trading partner document illustrates the menu for this specific trading partner, but describes ONLY exceptions and unique business practices such as:

- The print method (mandatory or optional) is identified.
- Special processing for a common option for this specific OEM is identified.
- Fields that print on the edit list but are not processed are identified.
- Options that are not commonly used by other trading partners are described in detail.

A complete description of the common options can be found in the Daily Procedures chapter of AutoRelease.

ASNs

Traditionally coded trading partners use a VL8xx menu (where “xx” is the OEM code) to transmit ASNs to the trading partner. Many of the options on the VL8 menus are identical from trading partner to trading partner. Those options are explained one time only in the AutoRelease manual.

ASN (VL8) Options	Describes the standard procedures for transmitting ASNs without bar code.
ASN with Bar Code Options	Describes the standard procedures for transmitting ASNs with bar code.

The VL8 section of each trading partner document illustrates the menu for this specific trading partner, but describes ONLY exceptions and unique business practices such as:

- Valid action codes are identified.
- The ASN Maintenance screen displays with valid field descriptions.
- ASN extract exceptions and special processing relating to ASNs for this specific trading partner are identified.
- Options that are not commonly used by other trading partners are described in detail.

A complete description of the routine options can be found in the ASN (VL8) Options chapter of AutoRelease.

Electronic Invoice Menu

Some traditionally coded trading partners use a VL75xx menu (where xx is the OEM code) to transmit electronic invoices to the trading partner. Many of the options are identical from trading partner to trading partner. Those options are explained one time in the AutoRelease manual.

Electronic Invoices	Describes invoice maintenance, print invoice register, create and transmit, purge, and reactivate transmitted invoices menu options.

The VL75 section of each trading partner document illustrates the menu for this specific trading partner, but describes ONLY exceptions and unique business practices such as:

- Invoice header screen and valid field descriptions
- Invoice line item screen
- Invoice line item information screen and valid field descriptions
- Miscellaneous charge screen and valid field descriptions
- Options that are not commonly used by other trading partners are described in detail

A complete description of the common options can be found in the Electronic Invoices chapter of AutoRelease.