



Infor Mark IV AIC (RK)

Traditional

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Publication Information

Release: Infor Mark IV AIC

Publication date: July 2018

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Table of Changes

Changed By	Date	Reason	Update#	Section Changed

Security

Communication Method

Mark IV AIC 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)

AZD2008	PROCESS PROFILE SETUP
OEM Company	
Auto Print Auto Process..... Auto 997..... Days To Archive.....	
F4=Prompt F12=Cancel	

- 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 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 Mark IC AIC and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Company Number	- xx
OEM Code	- RK
Plant ID	- Supplier ID defined by Mark IV AIC
OEM ID	- OEM DUNS Number
Corporate ID	- Supplier's DUNS Number
Remit to Duns #	- Not used
Transmission Mode	- T/P T- Test, P-Production
Smart Labels	- Y or N
Pallet Staging	- Y or N
Bar Code File Transfer	- N
Variable Unwrap Print	- Y or N
Automatic print of 997	- Y or N
AutoMap	- N

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 to be 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 their enveloping, the change may be made, by the user, in the Trading Partnership File, instead of waiting for a program change.

Press F14 (Trading Partnership File (X.12)) after entering the appropriate data in the Identification Code File.

Follow the steps below to complete the Trading Partnership File setup.

1. Press F6 (ADD) from the Trading Partnership Review screen.
2. Abbreviations may be entered. Press Enter.
3. Enter the code representing data format (A for ISA). Press Enter. The Maintain Trading Partnership File Detail screen is displayed.
4. Press F7 (Infor defaults).
Modifications may be needed to the 856 ISA record. Verify the default record created.

VLD9702A	Maintain Trading Partnership File	
Company Number.....	CO	(A) ISA/ (C) ICS/ (E) Edifact: A
OEM Code.....	RK	
Supplier ID.....	SUPPLIERID	
Customer Abbrv(O).....		
Destination Abbrv(O)....		
User Define Description: PRODUCTION ASN RECORD		
Qualifier/Information		
Authorization:	00	Active (Y)/(N): Y
Security:	00	
Sender:	XX SENDERID	
Receiver:	XX RECEIVERID	
Hexadecimal Code		
Control Standards ID:	U	Sub Element Separator: B0
Version Identifier:	00401	Data Element Separator: 5C
		Segment Terminator: A1
Computer Generated ISA Control Number: Y		
F7=Update Infor Defaults F10=GS Level F12=Return		

5. Press F10 (GS Level).
Modifications may be needed to the 856 GS records. Verify the default information created.

GS Detail Screen

```
VLD9702E                               Maintain Functional Identifier

Company Number..... CO
OEM Code..... RK
Supplier ID..... SUPPLIERID
Customer Abbrv(O).....
Destination Abbrv(O)....
Transaction Type..... 856

Functional Identifier:      SH                Non Repeating Transaction
Application Sender:        SENDERID           Control Number:      Y
Application Receiver:      RECEIVERID        ST Control#:
Responsible Agency Code:   X
Version/Release/Industry: 004010
(T)est/(P)roduction:      P
Acknowledge Requested:     N

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

6. Press Enter. Functional Identifier Review screen is displayed.
7. Press F12. Maintain Trading Partnership File Review screen is displayed.
8. Press Enter. Trading Partnership File Review screen is displayed.
9. Press F12. Identification Code File screen is displayed.

Setup is complete.

Functional Acknowledgement Setup

IDENTIFICATION CODES

```

Company Number ..... CO
OEM Code ..... RK
Plant ID ..... SUPPID 997    (How the OEM defines your plant)

OEM ID .....                (How the OEM defines themselves)
Corporate ID .....          (How the OEM defines your corp.)
Remit to Duns Number .....  (Payment Receiver ID - ASN)
VAT Code .....

Transmission Mode ..... P   (T/P)   T-Test, P-Production
Smart Labels ..... N   (Y/N)
Pallet Staging ..... N   (Y/N)
Bar Code File Transfer ... N   (Y/N)
Variable Unwrap Print .... Y   (Y/N)
Automatic print of 997 ... Y   (Y/N)
AutoMap..... N   (Y/N)

F1=Help  F10=Delete  F12=Return  F14=Trading Partnership File (X.12)
F17=Selective F/A's  F18=Additional Qualifiers  F19=Outbound Receiver IDs

```

Press F14 (Trading Partnership File (X.12)) after entering the appropriate data in the Identification Code File.

Follow the steps below to complete the Partnership File setup.

1. Press F6 (ADD) from the Trading Partnership Review screen.
2. Abbreviations may be entered. Press Enter.
3. Enter the code representing data format (A for ISA). Press Enter. The Maintain Trading Partnership File Detail screen is displayed.
4. Press F7 (Infor defaults).
5. Modifications may be needed to the 997 ISA and GS record. Verify the default record created.

Setup is complete.

Requirement Master

JTDMAINT2		REQUIREMENT MASTER ENTRY										CHANGE	
Company XX		Customer RK		Part 11111				Destination RK				MY	
Customer Part #		11111				OEM Code				RK			
Supplier Code		XXXXXXXXXX				OEM Division ...							
Customer #		999999999				Destination #				999999			
Commodity Code						Unit of Measure				EA			
Controlling Source .						Price Code							
Dock Code						Trailer Capacity ...							
Container Part # ...						Package Quantity ...							
MRP		Reports				Clear							
866	862	830	850	866	862	830	X	850	866	862	830	X	850
Process P.O.s													
Planner #		0000		Balance Out Code ...				Product Code .					
Weekly Ship Code .						Final Release Code .				Analyst #			
Rack ID													
User #1 ..						User #2 ..							
User #3 ..		.00000											
Remarks ..													
F1=Help		F7=OEM Info		F8=REQB		F9=REQC		F10=Delete					
F11=File Maint		F12=Return		F19=Fab/Mtl		F20=Special Process							

It is suggested that clear flags (found in the Requirement Master) be marked as follows:

```
866 862 830 850
- - X -
```

This is subject to change based on the files Mark IV AIC transmits to your company. DO NOT select clear flags with X if requirements are transmitted only once for any given transaction set.

Model Year

Mark IV AIC does not send model year. Therefore, the Requirement and Price files must be entered leaving the model year field blank.

CUM Required Prior

Mark IV AIC doesn't send CUM required prior or CUM received. All values transmitted are actual quantities required.

Auto 997 Transaction

ACM Trading Partner Communication Setup (Option 2 on the AZ10 Menu)

Create a new record with the Transaction/Msg of 997 to handle the outbound 997 Transaction.

```
AZR2300A          TRADING PARTNER COMMUNICATION SETUP

Options: 2=Edit, 4=Delete                                     Rv
Op OEMCo Mg/Trn Direct Mailbox Description Mailbox ID Mb
EQ
  RK 01          Receive Mark IV AIC          Mark IV AIC    01
  RK 01 997      Send    Mark IV AIC          Mark IV AIC    01
```

ACM Process Profile Setup (Option 3 on the AZ10 Menu)

Set the Auto 997 flag to 'Y'.

```
AZD2007A          Profile Setup Selection

Options: 2=Edit 4=Delete

Opt  OEM  Co  Auto Print  Auto Process  Auto 997  Days to Archive
EQ
      RK   01      Y      Y      Y      10
```

Communication Scheduler (Option 1 on the VL16 Menu)

Setup a Scheduler Entry with the job name – SNDAFNRK to process the Auto 997 transmission.

```
CMD1020A          Schedule Job Details                      5/01/XX
DISPLAY                                                  10:13:38
OEM/Network.....: XX                                Phone/Description...:
Communication Type...:                               Communication Method
Communication Member: XX
Communication Seq...: 2                                Schedule Days-> Su Mo Tu We Th Fr Sa
                                                Time:
Active Code.....: Y
Delete Member.....: N                                Line Type.....:
Job Name.....: SNDAFNRK                               Job Type.....: ACM
Job Queue.....:                                       Time Limit(min).....:
Job Description.....:                               Retry Limit.....:
Output Queue.....:                                   Reschedule Time(min):
Message Queue.....:                                   Security Type/Ver...+
```

Setup a Scheduler Entry with the job name – SNDFNK to process the Manual 997 transmission.

```
CMD1020A          Schedule Job Details                      5/01/XX
DISPLAY                                                  10:13:38
OEM/Network.....: XX                                Phone/Description...:
Communication Type...:                               Communication Method
Communication Member: XX
Communication Seq...: 3                                Schedule Days-> Su Mo Tu We Th Fr Sa
                                                Time:
Active Code.....: Y
Delete Member.....: N                                Line Type.....:
Job Name.....: SNDFNK                               Job Type.....: ACM
Job Queue.....:                                       Time Limit(min).....:
Job Description.....:                               Retry Limit.....:
Output Queue.....:                                   Reschedule Time(min):
Message Queue.....:                                   Security Type/Ver...+
```

VL0 Menu

12.0	8/01/XX	MENU: VL0RK	13:04:46

MARK IV AIC			
VARIABLE LENGTH TELECOMMUNICATIONS			

1. Receive Data			
2. Split Network Data Into OEM Files			
3. Breakdown Data			
4. Acknowledge Received Data			
5. Print Requirements (830)			
6. Process Requirements (830)			
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 one time only 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.

Application Control File

Set up Application Control File Keyword "BARLBL" + OEM in order to handle the situation in which all master labels and container labels have the same data identifier.

Add the record as described below. For more information about adding control records, see Chapter 11 of the AutoRelease Main Manual.

CO = *ALL or Your Company

Application Name = *ALL

Keyword = BARLBLIV

Length = 1

Dec= blank

Infor Data = S

From the main menu select System Maintenance (Option 11), then Application Control File Maintenance (Option 17), then Basic Application Control File Maintenance (Option 2).

Enter the following information:

APP

Opt CO# Name Keyword

1 *ALL *ALL BARLBLIV

Infor Data Length: 1 Dec:

1 2 3 4

123456789012345678901234567890123456789012345

S

Customer Data Length: Dec:

1 2

12345678901234567890

All Master and Container label serial numbers must have the same data identifier "S" for OEM Mark IV (IV).

If you need to print the Master and the Container labels using AutoScan Menu for OEM Mark IV (IV):

Run Opt 2, OEM Setup Maintenance on "LABEL PRINT MAIN MENU". Label format names should be set up like the following:

IVC02=Container label, S=Data Identifier (Label Type)

IVM02=Master label, S=Data Identifier (Label Type)

You may use Opt 3/4 (Enter Bar Code) or Opt 8((Pallet Staging) & 10 (Bar Code Scanning) on "Label Scan Main Menu" to enter the bar code label information into the system for OEM Mark IV (IV).

If you need to run Opt 3 (Enter Bar Code) on "Label Scan Main Menu" to enter the bar code label information into the system for OEM Mark IV (IV), you must enter the label serial#, the associated Master serial#, the same label type for Master/Container labels "S", the package quantity, the customer part#, OEM/Label type "IV M" or "IV C".

If you need to run Opt 4 (Enter Bar Code) on "Label Scan Main Menu" to enter the bar code label information into the system for OEM Mark IV (IV), you must enter the label serial type 'S' for the Master/Container label serial#, the supplier ID, the package quantity, the customer part#, OEM/Label type like "IV M" or "IV C".

ASNs

VLD8000RK1 12.0	10/05/XX	MENU: VL8RK	13:55:37

MARK IV			
ADVANCE SHIPMENT NOTIFICATIONS			

1. Maintain ASNs			
2. List ASNs			
3. Upload / Convert Bar Code Data			
4. Maintain Bar Code Data			
5. Maintain Printed Bar Code Labels			
6. List Bar Code Data			
7. List Printed Bar Code Labels			
8. Create and Transmit ASNs			
9. Purge Printed Bar Code Labels			
10. Purge Transmitted ASNs/Bar Code			
11. Reactivate Transmitted ASNs/Bar Code			
23. Return to V/L Communications Menu			
24. Return to Main Menu			
Option			

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 one time only 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.

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 / DESADV 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 Advanced Communication Module (ACM).

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/DESADVs

Traditionally coded trading partners use a VL8xx menu (where “xx” is the OEM code) to transmit ASNs / DESADVs 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/DESADV (VL8) Options	Describes the standard procedures for transmitting ASNs/DESADVs without bar code.
ASN/DESADV with Bar Code Options	Describes the standard procedures for transmitting ASNs/DESADVs 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/DESADV Maintenance screen displays with valid field descriptions.
- ASN/DESADV extract exceptions and special processing relating to ASNs/DESADV 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/DESADV (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.
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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.