



Infor Siemens of Mexico (SE)

AutoMap

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Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transaction Sets and Versions

The Siemens of Mexico module supports the following transaction sets:

- 824 Application Advice Version 4010
- 830 Material Release Version 4010
- 856 ASN Version 4010
- 861 Receiving Advice Version 4010
- 862 Shipping Schedule Version 4010
- 997 Functional Acknowledgement Version 4010

The **824 (Application Advice)** reports errors of content in the file received from the supplier.

The **830 (Material Release)** contains daily release schedules.

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

The **861 (Receiving Advice)** reports discrepancies between the ASN and the actual shipment.

The **862 (Shipping Schedule)** contains firm and planning requirements.

The **997 (Functional Acknowledgement)** is required to be transmitted to acknowledge the received 830s, within the time frame defined by Siemens of Mexico.

Requirement Edit List (Report)

Siemens of Mexico transmits data that is not processed into the requirement and load files, including:

- Maximum stock level
- Minimum stock level
- Past due quantity
- Reject quantity
- Remaining quantity

This information may be viewed or printed.

- Print: From the Requirement Display select the file with 7 and press F13=Commit to print the Requirement Edit List.
- View: From the Requirement Display select the file with 1 and press F10=More fields.

Security

Communication Method

Siemens of Mexico 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" a file received from Siemens of Mexico and when transmitting ASNs. The identification code file is used differently by different manufacturers.

Company Number	- xx
OEM Code	- SE
Plant ID	- Mutually defined plant ID code *
Press Enter to display remaining fields:	
OEM ID	- SIEMENSATEG
Corporate ID	- ISA*08 value of inbound 830/862
Remit to Duns #	- Not used by Siemens of Mexico
VAT Code	- Tax ID
Transmission Mode	- P
Smart Labels	- N
Pallet Staging	- N
Bar Code File Transfer	- N
Variable Unwrap Print	- Y or N
Automatic print of 997	- N
AutoMap	- Y

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

AutoMap - Enter "Y" to place data in the AutoMap files (during the Split).

* Siemens of Mexico uses AutoRelease to issue requirements. The maps have been created using AutoRelease specifications. However, the trading partner business practices may be inconsistent from supplier to supplier. For example, the plant ID may be a DUNS number for one supplier and another code for another supplier.

Master File Entry

The entry of each master file is NOT explained in this document. Only the master files that require unique entry, to accommodate specific business practices for this trading partner are noted.

Parts Cross Reference File - Part Weight

Enter the parts cross reference file with the customer abbreviation. The part weight **MUST** be entered in kilograms. To convert the part weight from pounds to kilograms:

"part weight in pounds" x 1.495 = "part weight in kilograms"

Example: 5.5 x 1.495 = 8.2225
 pounds kilograms

Model Year

Siemens of Mexico does not send model year. Therefore, the requirement and price files must be entered leaving the model year fields blank.

EDI Code File

Type Codes

- C - Firm
- D - Planning

Frequency Codes

- D - Discrete
- W - Weekly Bucket

Requirement File - Clear Flags

The requirement master clear flags should not be marked. Keywords are used to determine what to clear based on purpose codes.

CUM Required Prior

Siemens of Mexico does not send CUM Required Prior. Therefore, it must be entered manually before going live. The CUM Required Prior is used to calculate ahead and behind figures and to round to package quantity. Enter the CUM Required Prior when entering a Siemens of Mexico manual requirement or while testing. To enter, press F5 or select a part from the Manual Requirements Entry screen.

Container Codes

Valid container codes for Siemens of Mexico include:

- PKG90 - Standard Pack
- BDL90 - Standard Bundle

SCAC Codes

Valid SCAC codes for Siemens of Mexico include:

- BNAF - Burlington
- CALVERSON - Calverson
- CENQ - Central Transport
- ER929 - DHL
- DOAL - DOAL (Air)
- DOAL - DOAL (Ocean)
- ETFR - Express Transport Fronteras
- EWCF - Emery Worldwide(AIR)
- FEPL - Federal Express
- KHD - Karl Heinz Dietrich GmbH & Co.
- KHNN - Kuehne Nagel
- KHNN - Kuehne und Nagel Airfreight
- KUEHNE - Kuehne und Nagel Seafreight
- OVERSEAS A - Overseas AirCargo
- SCNN - Schneider National
- UPAC - U.P.S.
- UPFS - Union Pacific
- UPSN - U.P.S.
- XFTR - Flete y Transporte Ruiz
- XHER - Transporters Hercel, SA DE CV
- XPEN - Penstar Air
- YFSY - Yellow Freight

Note: If none of the above codes corresponds to the transportation company you are using, contact Siemens VDO for more information.

Conveyance Codes

Valid conveyance codes for Siemens of Mexico include:

- AF- Air freight (AW in REF01)
- J - Motor (2I/BM in REF01)
- S - Ocean (2I/BM in REF01)

Application Advices (824s)

The Application Advice menu is used to display, list, and purge the Application Advice (824) file. The Application Advice file reports errors of content in the file received from Siemens of Mexico, and indicates if a transmission was accepted with errors or rejected. The Split Status report, which is printed during the Split, identifies the transaction sets received by each company. During the Breakdown, all data received in the 824 file are placed in the universal Application Advice files VPX824A - VPX824H. When Application Advice data are no longer current, they may be purged. Access the Application Advice Menu through option 12, Application Advices, on the AutoMap main menu.

Receiving Advices (861s)

Receiving Advices (861s) report discrepancies between ASN data and data recorded and accepted by Siemens of Mexico when the shipment is received. Discrepancies reported in the Receiving Advice are not processed into the Requirement or Load files. Adjustments must be made manually (when necessary) from the Manual Requirement/Shipping Adjustments Menu (RC8). Receiving Advice information is indicated on the Split Status report, which is printed when the Split is taken. When Receiving Advice data are no longer current, they may be purged. Access Receiving Advice information through option 13, Receiving Advices, on the AutoMap main menu.

ASNs

Mandatory Fields

ASN Header Maintenance Screen

ASN Purpose Code	-	Transmitted in the BSN 01. Valid codes include: O - Original 00
Ship Date	-	Transmitted in the DTM 02
Ship Time transmitted in the	-	Transmitted in the DTM 03. LT (Local Time) is DTM 04.
Pick up Carrier	-	Transmitted in the TD5 03.
Conveyance include:	-	Transmitted in the TD5 04. Valid conveyance codes AF - Air freight J - Motor S - Ocean

ASN Flags Screen

ASN Code	-	"V" for variable length without bar code verification.
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ID Numbers Screen

Supplier ID	-	Transmitted in the N1 04.
Corp ID	-	Transmitted in the ISA*06 and GS*02.
OEM ID	-	Transmitted in the ISA*08 and GS*03.

Reference Numbers Screen

Invoice	-	Transmitted in the REF 02.
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ASN Detail Maintenance

Cust Part	-	Transmitted in the LIN.
Shipment	-	Transmitted in the SN1 02.
Package	-	Transmitted in the CLD 02.

- Ship Net - Transmitted in the MEA 03.
- Ship Gross - Transmitted in the MEA 03.
- CUM Shipped - Transmitted in the SN1 04.
- Unit of Measure - Transmitted in the MEA*04.
- PO # - Transmitted in the PRF*01.

ASN Container Review Screen

- Container Description - Transmitted in the CLD*03 and TD101.
- Container Quantity - Transmitted in the CLD*01 and TD102.

How to Use This Document

This document provides information regarding unique instructions required to implement this trading partner's unique business practices. There is a separate document called "AutoMap Manual" which describes those procedures which apply to all trading partners (NOT unique for each trading partner) such as the daily procedures, job controls, etc.

General Information

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

Security

The security section of the document explains the network(s) used by this trading partner, and specific information about how to create the trading partner cross reference file.

Implementation

Requirements received via AutoMap are processed into the AutoRelease master files to perform shipping, ASN and invoicing functions. Therefore, enter all master files in the same manner as required when processing data from the AutoRelease menus.

Exception: Special AutoMap processing needs are handled via keywords in AutoMap. Therefore, clear flags and special processing flags (F20) should not be marked.

The entry of each master file is NOT explained in this supplement. Only those that require specific fields marked to accommodate specific business practices for this trading partner are noted.

The master files required during the "process" from the AutoMap Requirement Display, are the same files that are required when processing from the VL0 menus:

- Machine Readable - customer and destination
- Parts Cross Reference
- Requirement Master

These files must be entered to successfully process data into the requirement and load files.

ASNs

All AutoMap trading partners transmit ASNs to the trading partner by using option 3 (ASNs) from the AutoMap menu. The ASN section of each trading partner document describes the ASN cancellation procedure and mandatory ASN fields for a specific trading partner.

A complete description of the common options can be found in the ASN section of the AutoMap manual.

AutoMap Features and Preferences

In AutoMap, keywords are unique for the business practices of the trading partner. This section describes how to access keywords, whether there are optional or conditional keywords for this trading partner, and how to activate and deactivate keywords.

Activate or Deactivate Keywords - Change Error Types (Warning - Terminal)

Keywords activate special processing to accommodate the OEM's practices. To view these keywords:

1. Access the AutoMap Menu.
2. Take the Process Keywords options.
3. Select the trading partner with 7 (keyword options).
4. Keywords are displayed for the selected trading partner.
5. Select the keyword to be changed with 1 (select).

The error maintenance screen displays. The fields that can be changed include:

Error Type - The error type may be W (warning) or T (terminal).

T (terminal) - When the create and transmit ASNs option is taken the ASN records are checked for missing fields that may cause the ASNs to be rejected. If terminal errors are found, (errors that will cause the ASN to be rejected according to OEM specifications) the program ends, the ASN Verification Report prints and a break message is displayed. Terminal errors must be corrected before taking the create and transmit option again.

W (warning) - When the create and transmit ASNs option is taken the ASN data is verified. If only warning errors are found, the ASN Verification Report prints and a break message is displayed that gives the user the option to continue with errors or to cancel. Error Message - The message that is displayed when this error is encountered may be changed.

Active - The keyword may be active (Y) or inactive (N).