



Diversified Systems Resources

PassportGOLD/Overseer

User's Guide

PassportGOLD[®]/Overseer for Windows

User's Guide

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****NOTE****

****** Maintenance MUST be paid for Phone Support******

You must REGISTER your software by

- Mailing in the card (or)
- Using our Web Page: www.DSRglobal.com (or)
- Calling 800-843-7606 x2503

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Introduction to EDI

AN

Introduction

TO

Electronic

Data

Interchange

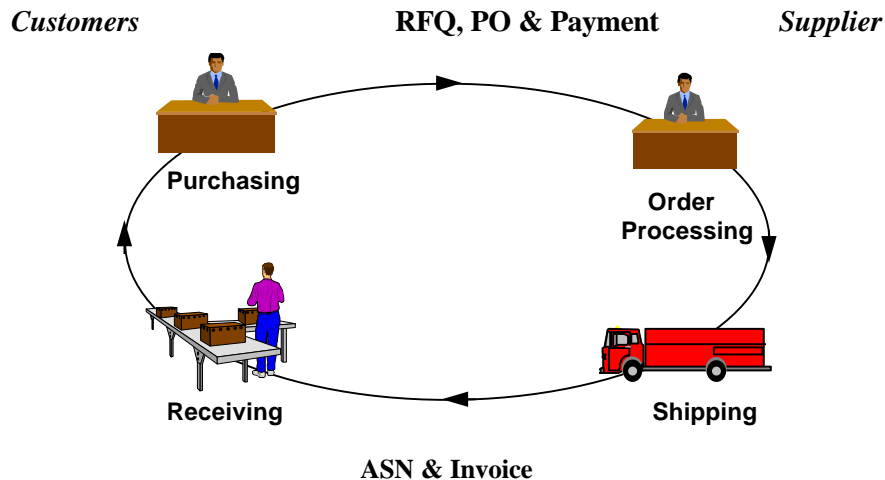
Understanding EDI

Overview

EDI is the electronic exchange of business documents (purchase orders, invoices, advance ship notices, etc.) between customers and suppliers using a public standard format. The American National Standards Institute (ANSI) has standardized over 400 electronic business documents. Over 100,000 companies transmit business documents via EDI today. The standard is called EDI ANSI X12 and a partial list of the EDI documents is provided in the following pages.

EDI is part of the Information Highway. Companies are rapidly adopting it to save money and to meet demanding suppliers' and customers' needs. The Boston Consulting Group states that 37% of the cost of a product are logistics (paper work, shipping and storing goods). EDI can eliminate the paper work through computer-to-computer communications. Hence, the customer and the supplier can save money.

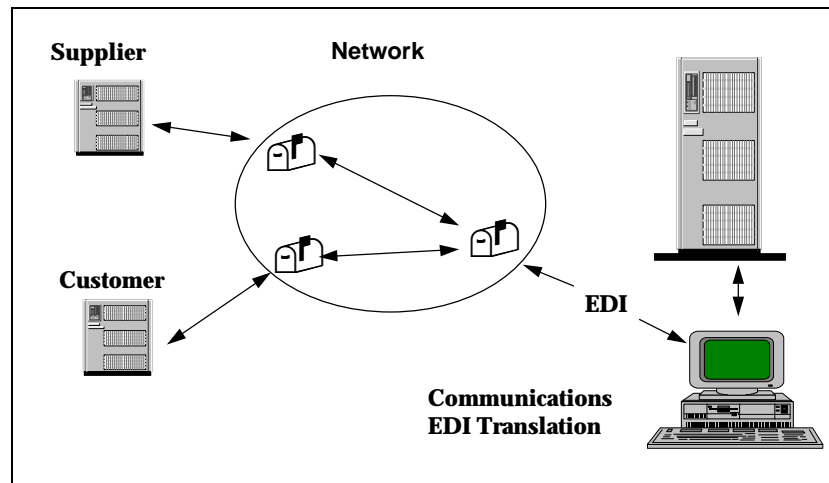
According to the EDI Group, an average of five business documents (i.e., RFQ, Purchase Order, Packing Slip, Invoice and Payment) is needed to complete a single transaction (see diagram below). Each time a document is created, the customer's computer prints a document and sends it to the supplier. The information is data entered into the supplier's computer. The supplier sends back a document which is data entered into the customer's computer. EDI can eliminate this extra paper work.



EDI Components

EDI (ANSI X12) is similar to E-Mail. Electronic documents are delivered to the intended recipient based upon an address. Each customer is assigned a mailbox for sending and receiving electronic documents. Both customers and suppliers use EDI networks such as the IBM Global Network. These EDI networks are interconnected so you can send/receive documents regardless of which network your supplier uses.

When a supplier sends you an Advance Ship Notice or any other EDI document, the document is stored in your mailbox until you retrieve it. Once you pick it up, the document is converted into either a print document or a file that can be uploaded to your computer.



Terminology

Mailbox

Documents are stored in your mailbox until you retrieve them

EDI Network

Data network used for transmitting and retrieving EDI documents

Communications Software

Used to send and retrieve documents from your mailbox

EDI Software

Converts EDI documents into print documents or flat files and converts flat files into EDI.

Version

“Version” refers to the EDI standards version being used. ANSI X12 standards are of the form 003051, etc. The 003 represents Version 3 and the 051 represents Release 5, Subrelease 1. Variations on these with subreleases are common resulting in the possibility that a user may have trading partners using a dozen different versions.

Set

SET identifies the EDI Document number. These are 3-digit numbers such as 850 for Purchase Orders and 810 for Invoice. Not all sets are included in all standards versions. The following are those documents or sets included in ANSI standard version 3040:

EDI DOCUMENT LIST [Version 3040]

<u>Trans</u> <u>Set ID</u>	<u>Standard Title</u>	<u>Trans</u> <u>Set ID</u>	<u>Standard Title</u>
104	Air Shipment Information	276	Purchase Order Shipment Doc.
110	Air Freight Details and Invoice	277	Health Care Claim Status Notification
120	Vehicle Shipping Order	290	Cooperative Advertising Agreement
121	Vehicle Service	300	Reservation (Booking Req / Ocean)
125	Multilevel Railcar Load Details	301	Confirmation (Ocean)
126	Vehicle Application Advice	303	Booking Cancellation (Ocean)
127	Vehicle Baying Order	304	Shipping Instructions (Ocean)
128	Dealer Information	309	U.S. Customs Manifest (Ocean)
129	Vehicle Carrier Rate Update	310	Freight Receipt & Invoice (Ocean)
130	Student Educational Record (Transcript)	311	Canadian Customs Information
131	Student Educational Record Acknowledgment	312	Arrival Notice (Ocean)
135	Student Loan Application	313	Shipment Status Inquiry (Ocean)
139	Student Loan Guarantee Result	315	Status Details (Ocean)
140	Product Registration	317	Delivery/Pick-up Order
141	Product Service Claim Response	319	Terminal Information
142	Product Service Claim	322	Terminal Operations Activity (Ocean)
143	Product Service Notification	323	Vessel Schedule & Itinerary (Ocean)
144	Student Loan Transfer and Status Verification	324	Vessel Stow Plan (Ocean)
146	Request for Student Educational Record	325	Consolidation of Goods in Container
147	Response to Req. for Student Educational Rec.	326	Consignment Summary List
148	Report of Injury or Illness	350	U.S. Customs Release Information
150	Tax Rate Notification	352	U.S. Customs Carrier Gen Order Status
151	Electronic Filing of Tax Rtn. Data Ack.	353	U.S. Customs Master In-Bond Arrival
152	Statistical Government Information	354	U.S. Customs Auto Manifest Archive Status
154	Uniform Commercial Code Filing	355	U.S. Customs Manifest Rejection
161	Train Sheet	356	Permit to Transfer Request
170	Revenue Receipts Statement	357	Customs In-Bond Information
175	Court Notice	358	U.S. Customs Consist Information
176	Bankruptcy Proof of Claim	361	Carrier Interchange Agreement (Ocean)
180	Return Merchandise Authorization/Notification	362	Cargo Insurance Advice of Shipment
185	Royalty Regulatory Report	404	Rail Carrier Shipment Information
186	Laboratory Reporting	410	Rail Carrier Freight Details & Invoice
190	Student Enrollment Verification	414	Rail Carhire Settlements
191	Student Loan Preclaims Assistance and Claims	417	Rail Carrier Waybill Interchange
195	FCC License Application	418	Rail Advance Interchange Consist
196	Contractor Cost Data Reporting	419	Advance Car Disposition
200	Mortgage Credit Report	420	Car Handling Information

Trans Set ID	Standard Title	Trans Set ID	Standard Title
204	Motor Carrier Shipment Information	421	Estimated Time of Arrival & Car Sched
210	Motor Carrier Freight Details & Invoice	422	Shipper's Car Order
213	Motor Carrier Shipment Status Inquiry	423	Rail Industrial Switch List
214	Transportation Carrier Shipment Status Msg	425	Rail Waybill Request
217	Motor Carrier Loading & Route Guide	426	Rail Revenue Waybill
218	Motor Carrier Tariff Information	429	Railroad Retirement Activity
250	Purchase Order Shipment Mgmt Document	431	Railroad Station Master File
251	Pricing Support	432	Rail Description
260	Application for Mortgage Insurance Benefits	435	Std Transportation Commodity Cd Mstr
263	Residential Mortgage Ins Application Response	440	Shipment Weights
264	Mortgage Loan Default Status	451	Railroad Event Report
265	Real Estate Title Insurance Services Order	452	Railroad Problem Log Inquiry or Advice
266	Mortgage Record Change	453	Railroad Service Commitment Advice
270	Health Care Eligibility/Benefit Inquiry	455	Railroad Parameter Trace Registration
271	Health Care Eligibility/Benefit Information	456	Railroad Equipment Inquiry or Advice
272	Property and Casualty Loss Notification	466	Rate Request
468	Rate Docket Journal Log	852	Product Activity Data
475	Rail Route File Maintenance	853	Routing and Carrier Instruction
485	Ratemaking Action	854	Shipment Delivery Discrepancy Information
490	Rate Group Definition	855	Purchase Order Acknowledgment
492	Miscellaneous Rates	856	Ship Notice/Manifest
494	Scale Rate Table	857	Shipment and Billing Notice
511	Requisition	858	Shipment Information
517	Material Obligation Validation	859	Freight Invoice
527	Material Due-In & Receipt	860	Purchase Order Change Request - Buyer Init
536	Logistics Reassignment	861	Receiving Advice / Acceptance Certificate
561	Contract Abstract	862	Shipping Schedule
567	Contract Completion Status	863	Report of Test Results
568	Contract Payment Mgmt Report	864	Text Message
601	Shipper's Export Declaration	865	Purchase Order Change Ack/Request - Seller Init
602	Transportation Services Tender	866	Production Sequence
622	Intermodal Ramp Activity	867	Product Transfer and Resale Report
805	Contract Pricing Proposal	868	Electronic Form Structure
806	Project Schedule Reporting	869	Order Status Inquiry
810	Invoice	870	Order Status Report
811	Consolidated Service Invoice/Stmt	872	Residential Mortgage Insurance Application
812	Credit/Debit Adjustment	875	Grocery Products Purchase Order
813	Electronic Filing of Tax Return Data	876	Grocery Products Purchase Order Change
815	Cryptographic Service Message	878	Product Authorization/Deauthorization
816	Organizational Relationships	879	Price Change
818	Commission Sales Reports	880	Grocery Products Invoice
819	Operating Expense Statement	882	Direct Store Delivery Summary
Information			
820	Payment Order/Remittance Advice	883	Market Development Fund Allocation
821	Financial Information Reporting	884	Market Development Fund Settlement
822	Customer Account Analysis	886	Customer Call Reporting
823	Lockbox	888	Item Maintenance
824	Application Advice	889	Promotion Announcement
826	Tax Information Reporting	891	Deduction Research Report
827	Financial Return Notice	893	Item Information Request
828	Debit Authorization	894	Delivery/Return Base Record
829	Payment Cancellation Request	895	Delivery/Return Ack and/or Adjustment
830	Planning Schedule and Release Capability	896	Product Dimension Maintenance
831	Application Control Totals	920	Loss or Damage Claim - General Commodities
832	Price/Sales Catalog	924	Loss or Damage Claim - Motor Vehicle
833	Residential Mortgage Credit Report Order	925	Claim Tracer
834	Benefit Enrollment and Maintenance	926	Claim Status Report and Tracer Reply
835	Health Care Claim Payment/Advice	928	Automotive Inspection Detail
836	Contract Award	940	Warehouse Shipping Order

837	Health Care Claim	943	Warehouse Stock Transfer Shipment Advice
838	Trading Partner Profile	944	Warehouse Stock Transfer Receipt Advice
839	Project Cost Reporting	945	Warehouse Shipping Advice
840	Request for Quotation	947	Warehouse Inventory Adjustment Advice
841	Specifications/Technical Information	980	Functional Group Totals
842	Nonconformance Report	990	Response to Load Tender
843	Response to Request for Quotation	996	File Transfer
844	Product Transfer Account Adjustment	997	Functional Acknowledgment
845	Price Authorization Acknowledgment/Status	998	Set Cancellation
846	Inventory Inquiry/Advice		
847	Material Claim		
848	Material Safety Data Sheet		
849	Response to Product Transfer Acct Adj		
850	Purchase Order		
851	Lease Schedule		

PassportGOLD/Overseer

Technical Information

PassportGOLD/Overseer provides EDI (Electronic Data Interchange) capability using integrated communications for most Value Added Networks, a proven translation system, and a flexible user interface for automating many of the steps required to operate in the world of electronic commerce. Your system is delivered preloaded Trading Partner setups required for electronic exchanges with Pepboys. Please do not modify these parameters unless you are adding additional trading partners or have been asked to do so by technical support personnel.

Hardware / Software Requirements

For your system to operate correctly please be sure you have the following hardware and software on your computer along with the minimum recommended parameters shown below:

- ◆ 486/33 MHz or faster CPU
- ◆ 20+ Megabytes of free space on hard drive
- ◆ 8 Megabytes of memory
- ◆ Windows 3.1 (later version), Windows 3.11 for Workgroups, or Windows '95
- ◆ Modem (at least 9600 baud recommended)
- ◆ Mouse
- ◆ File Handles (in CONFIG.SYS) set to 120

Installation

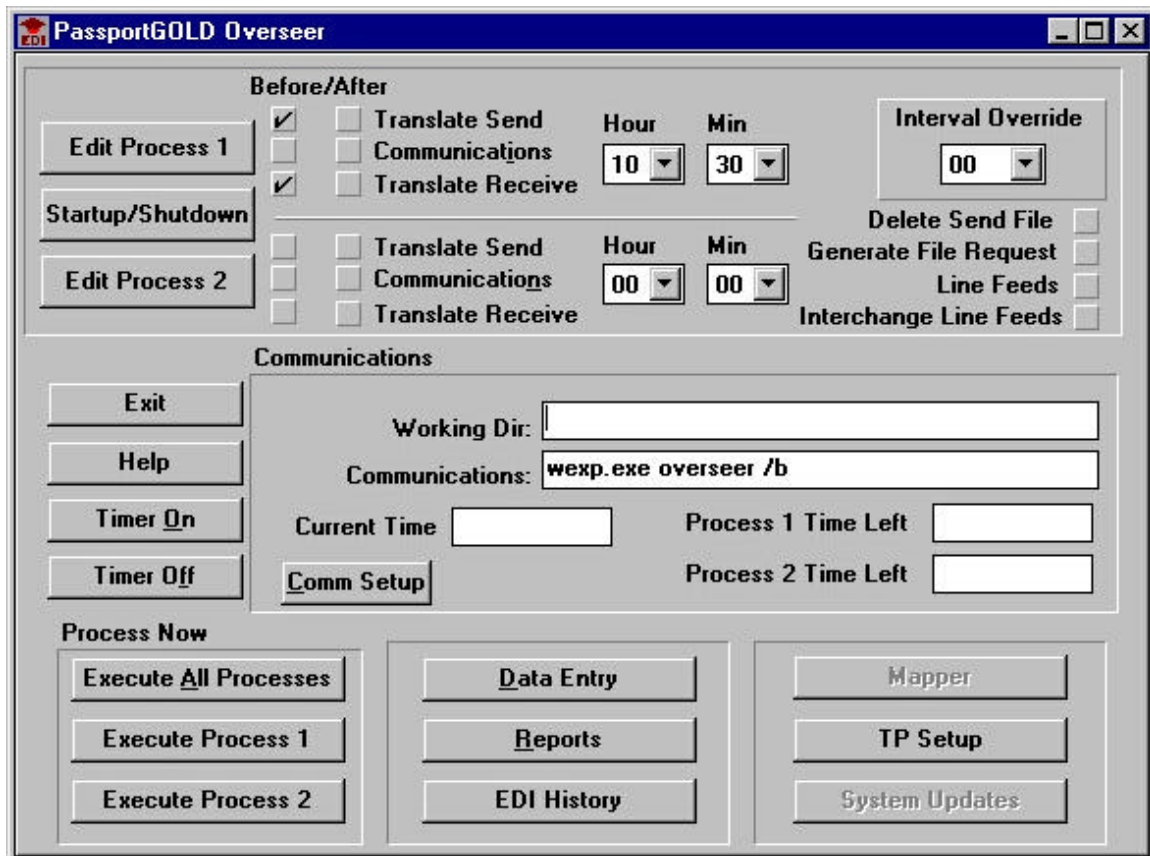
For instructions on installing and using the software, please refer to the installation guide for your particular implementation.

Technical Support

⇒ Questions regarding Overseer, implementations for other trading partners, or customization of your system: 800-843-7606 x2503

System Overview

OVERSEER is a control program designed to integrate the best of communications, EDI translation, and electronic commerce capabilities in one easily accessible and powerful tool for modern businesses. The ability to combine the best of prepackaged products, in-house developed tools, and state-of-the-art communications and EDI translation engines give the OVERSEER power to take you and your business where you need to be now and on into the 21st Century. One look at the OVERSEER user interface shows an impressive array of capabilities available to the user at just the click of a button.

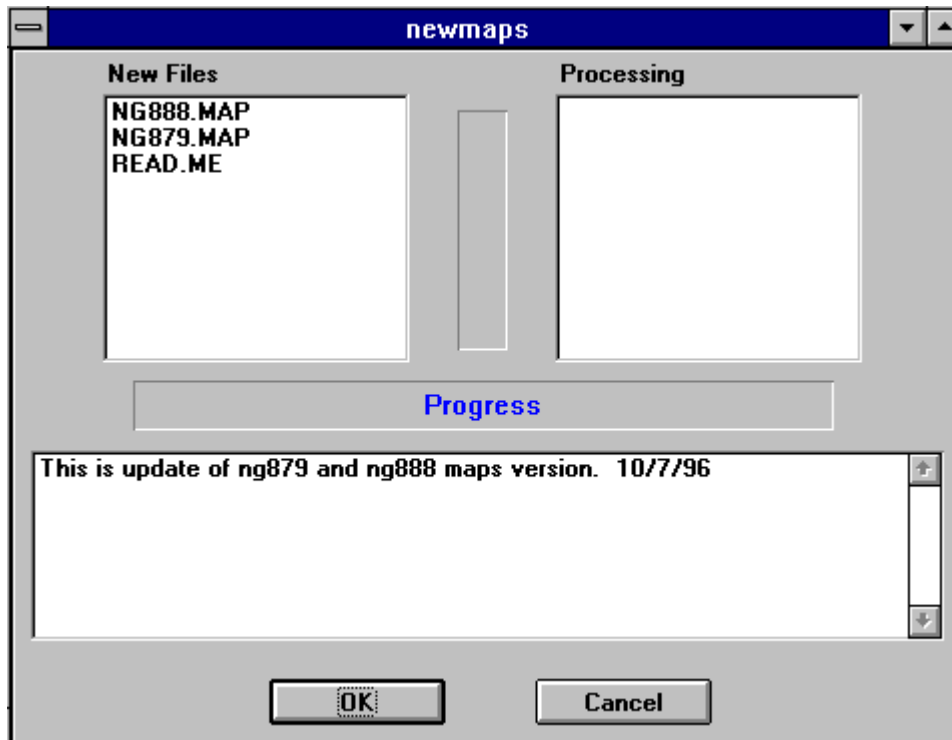


System Updates

System Updates

The PassportGOLD/Overseer system contains the capability to receive updates through the network and apply these to the system at your option.

The system will notify you by an information display indicating an update file has been received. A “Read.Me” file may be present which explains the nature of the update and any special instructions. Updates can include map changes or new maps, report or data entry screens, or system module updates.



Process Setup

Edit Process 1

Process 1 List

Path/Program	Description
NG875.EXE	PRINT GROCERY PRODUCTS P.O. (875)
NG824.EXE	PRINT EXCEPTION RPT APP. ADVICE (824)
NG864.EXE	PRINT EXCEPTION REPORT TEXT MSG (864)
LWG875.EXE	PRINT LANZARROTTA

If first 5 char of description equals PRINT then REPORT.TXT will be printed.

The Process 1 list allows programs to be run, data to be entered, reports to be generated before or after execution of communications and translation processes.

In the Process 1 list, enter the description and program file name (.EXE) to be executed. The system will process the modules in the same order as they appear in the table.

Add Process 1

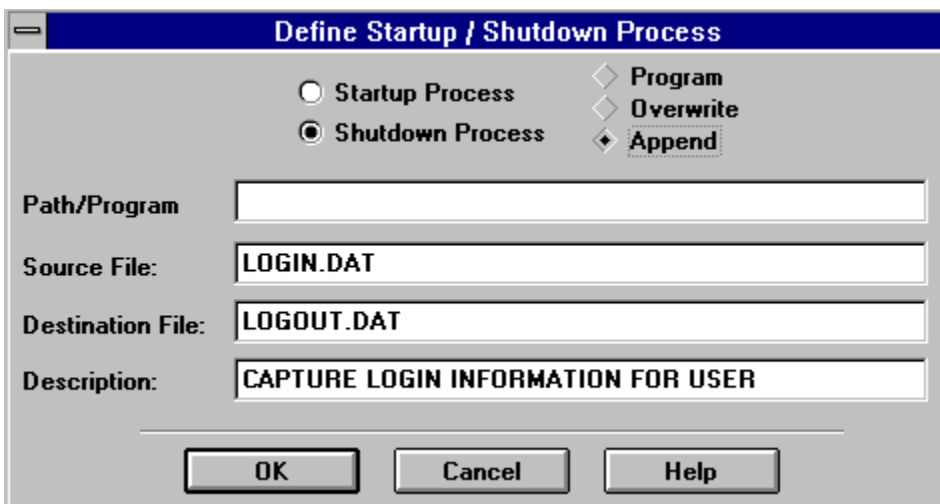
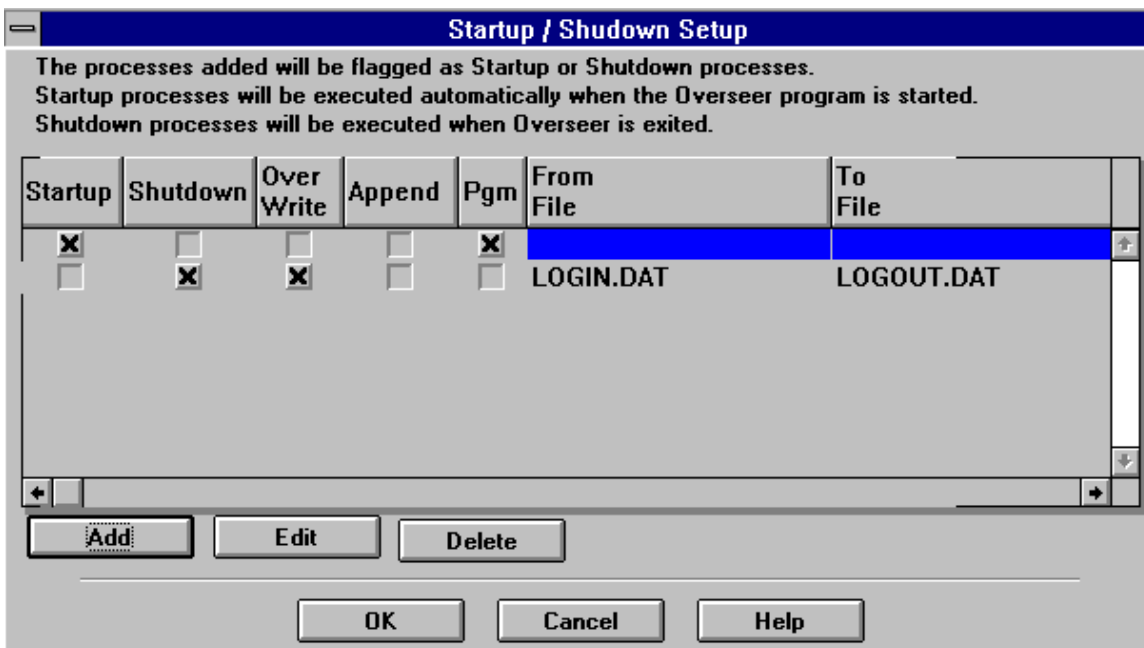
Add Pre Process	
Path/Program:	NG864.EXE
Description:	PRINT EXCEPTION REPORT TEXT (864)

Execution of programs is accomplished in the sequence as prescribed by the list of Processes entered here. The programs are typically .EXE files such as WINWORD.EXE which will begin execution of Microsoft WORD for Windows word processor. This can be also be used to start specific programs such as data entry or other data manipulation programs. If the Communications and translation selections (check boxes) are on, these events also occur before or after the execution of all Process 1 programs. Entries include the program name (e.g. name.EXE) and a

description of the process. If the program is not in the install directory (usually OVERSEER), then a path is required (e.g. C:\xxxx\pgm.EXE).

Startup/Shutdown

“Startup/Shutdown” functions are accessible through the button near the top left of the main Overseer screen. This allows operations to take place prior to any other at the startup of Overseer. The Shutdown function as well allows procedures to be executed at exit of the Overseer. This capability is useful when moving files in and out of network drives or performing backup processes.



Process 2 List

The Process 2 list allows programs to be run, data to be reviewed, reports to be generated before or after execution of communications and translation processes.

In the Process 2 list, enter the description and program file name (.EXE) to be executed. The system will process the modules in the same order as they appear in the table.

Add Process 2

Execution of programs is accomplished in the sequence as prescribed by the list of Processes entered here. The programs are typically .EXE files such as WINWORD.EXE which will begin execution of Microsoft WORD for Windows word processor. This can be also be used to start specific programs such as data entry or other data manipulation programs. If the Communications and translation selections (check boxes) are on, these events also occur before or after the execution of Process 2 programs. Entries include the program name (e.g. name.EXE) and a description of the process. If the program is not in the install directory (usually OVERSEER), then a path if required (e.g. C:\xxxx\pgm.EXE).

Timer On



Grays out all unneeded buttons and fields and displays the amount of time left until the Processes will execute.

Timer Off



Cancels the timer function that was previously set. Buttons and fields grayed out when the "Timer On" button was pressed are now restored to normal display and action.

Check Boxes

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Translate Send
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Communications
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Translate Receive
<hr/>		
<input type="checkbox"/>	<input type="checkbox"/>	Translate Send
<input type="checkbox"/>	<input type="checkbox"/>	Communications
<input type="checkbox"/>	<input type="checkbox"/>	Translate Receive

"Translate Send" Check Box

Translates the SEND flatfile data into EDI with appropriate structures and mapping. The check boxes are used by "Execute All Processes", "Execute Process 1" and "Execute Process 2". If the "Before" column check-box is on, translation of SEND data occurs prior to execution of items in the Process list. If the "After" column check-box is on, translation of SEND data occurs after execution of items in the Process list. Both check-boxes may be on or off at the same time.

"Communications" Check Box

Executes the communications module requested in the "Working Directory"+"Communications" parameter fields. This check box is used by "Execute All Processes", "Execute Process 1" and "Execute Process 2". If the "Before" column check-box is on, communications occurs prior to execution of items in the Process list. If the "After" column check-box is on, communications occurs after execution of items in the Process list. Both check-boxes may be on or off at the same time.

"Translate Receive" Check Box

Translates the received EDI file into a flatfile based on the mapping specifications. This check box is used by "Execute All Processes", "Execute Process 1" and "Execute Process 2". If the "Before" column check-box is on, translation of RECEIVE data occurs prior to execution of items in the Process list. If the "After" column check-box is on, translation of RECEIVE data occurs after execution of items in the Process list. Both check-boxes may be on or off at the same time.

"Hour" Pull-down

Hour	Min
00 ↓	00 ↓

"Time On" starts the clock and executes the "Process 1" or "Process 2" processes at selected times. The "Interval Override" will override the "Hour and Min" parameter.

Selection of intervals of 15, 30, 45, 60, or 120 minutes is possible using this drop-down list. Processing can be triggered using this variable.

Interval Override

Interval Override
00 ↓

Auto TP Setup:	<input type="checkbox"/>
Delete Send File?	<input type="checkbox"/>
Generate File Request:	<input type="checkbox"/>

"Auto TP Setup" Check Box

If an EDI file is received for a trading partner which does not have a master record in OVERSEER, this option will automatically build most of this master record. The EDI file will be stored for later processing after the trading partner record information is completed. Usually only the "Map Name" and "Flatfile" name are needed to complete the setup.

"Delete Send EDI File"(..\EDIOUT\EDIDATA.OUT)

Because OVERSEER has the flexibility to use a variety of communications packages, it is not always possible for the system to know when communications functions have completed successfully. As a user, this function allows you the decision of whether to delete the EDI data file (\EDIOUT\EDIDATA.OUT) after transmission. If the transmission is successful, you will either want to rename or move the file from the directory so that future translations will not be appended to this same file.

If this box is checked, a dialog box is presented to allow the user to have the system delete the EDI file sent via communications. If for some reason communications fails, the user will want to retain this file for future attempts to transfer this data. The SEND EDI file will be deleted automatically if the dialog box is not canceled within 1 minute after it is presented to the user.

"Generate File Request" Check Box

When this box is checked, OVERSEER will automatically generate SEND and RECEIVE file requests for certain communications packages (e.g. Expedite Manager and Commerce).

Communications Section

The screenshot shows a dialog box titled "Communications". It contains the following fields and controls:

- Working Dir:** An empty text input field.
- Communications:** A text input field containing the command "WEXP.EXE OVERSEER /B".
- Current Time:** An empty text input field.
- Process 1 Time Left:** An empty text input field.
- Process 2 Time Left:** An empty text input field.
- Comm Setup:** A button with the text "Comm Setup".

"Working Directory:"

The path (drive and directory) to the communications program to be executed. This program is entered in the "Communications:" block below. If the communications program exists in install directory, this information is not required.

"Communications:"

The communications executable (.EXE) is entered in this parameter field. When communications is requested, OVERSEER uses this information along with the "Working Directory" to locate and launch the appropriate programs.

"Communications Setup" Button

Communications is provided externally to the OVERSEER. However, access to your communications software is possible through OVERSEER for set-up of modem, network and ID information.

Use "Working Directory:" to indicate the directory for your communications package. Use the "Communications:" line to indicate the startup command for communications to be used with the OVERSEER.

Execution

The screenshot shows a dialog box titled "Process Now" containing three buttons:

- Execute All Processes**
- Execute Process 1**
- Execute Process 2**

Execute All Processes

Executes "Process 1" then Translate Send, Communications and Translate Receive if checked.
 Executes "Process 2" then Translate Send, Communications and Translate Receive if checked.

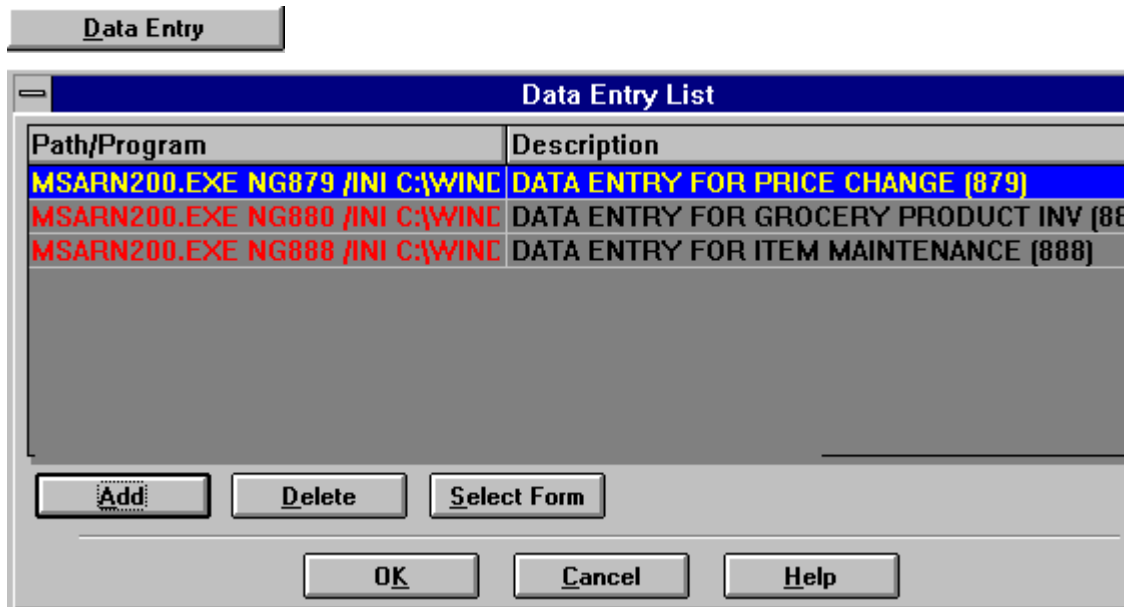
Execute Process 1

Executes all requests in Process 1 as well as Translate Send, Communications and Translate Receive if checked.

Execute Process 2

Executes Translate Send, Communications and Translate Receive if checked then all processes in the Process 2 list.

Data Entry List



Data entry/Online screens are accessible through OVERSEER. The capability to select a data entry screen, enter or review data such as an outgoing invoice, translate and then send this data allows OVERSEER to provide start-to-finish processing for everyday electronic commerce tasks.

Data entry screens may be provided in a variety of ways including “C++” programs, screen generators, Access, or Lotus Notes.

Edit Data Entry

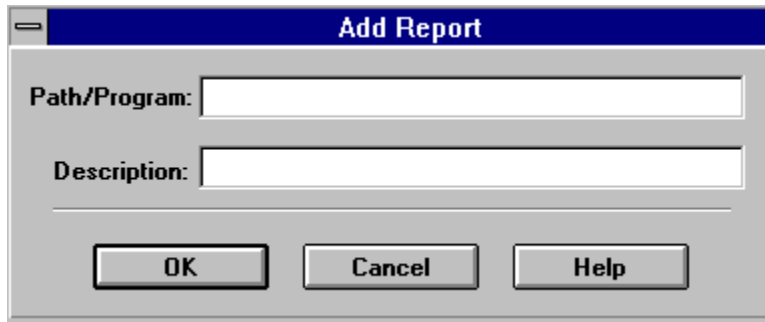
Data Entry screen executable modules can be entered on this screen. These are typically .EXE files or can be screen management systems authored by you. The Path/Program information provides the fully qualified name of the screen program to be executed by OVERSEER. If this resides in the install directory (typically \OVERSEER), then only the program name.EXE is required.

Report List

Path/Program	Description
NG875.EXE	NG PURCHASE ORDER
NG880.EXE	NG INVOICE
NG824.EXE	REJECT NOTICE
NG864.EXE	REJECT NOTICE [TEXT]
LWG875.EXE	LANZORATTA

This section provides access to reporting modules. Select a report from the table by highlighting it and click on the “Print” button. Selections are provided to allow use of a locally attached printer if one is available. Otherwise, the printer defined in Windows is used.

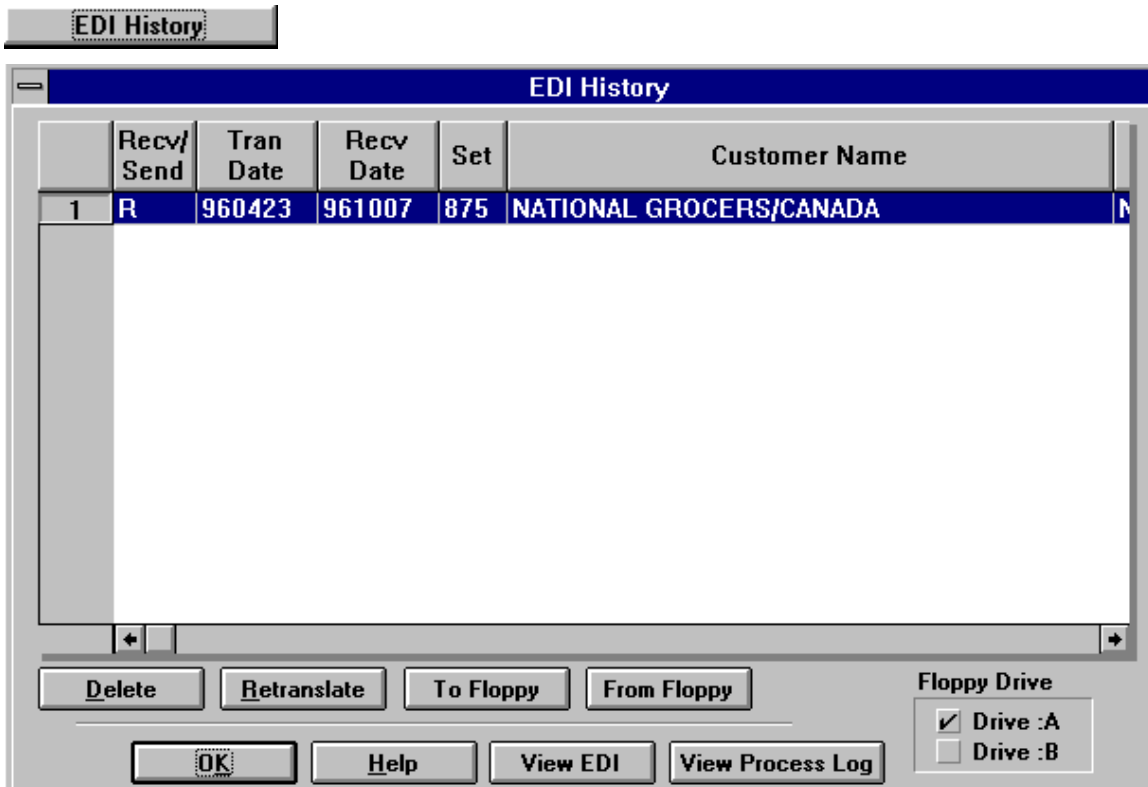
Add Reports



The 'Add Report' dialog box contains two input fields: 'Path/Program:' and 'Description:'. Below the fields are three buttons: 'OK', 'Cancel', and 'Help'.

Addition of reporting modules can be accomplished by this function. A program name (fully qualified with path (e.g. C:\xxx\pgm.EXE) is required unless the program resides in the install directory (typically \OVERSEER). Output of the reports is expected in the REPORT.TXT file in the install directory if OVERSEER print functions are to be used to actually output reports to the printer.

EDI History



The 'EDI History' window displays a table of EDI transactions. The table has the following columns: Recv/Send, Tran Date, Recv Date, Set, and Customer Name. A single row is visible with the following data:

	Recv/ Send	Tran Date	Recv Date	Set	Customer Name
1	R	960423	961007	875	NATIONAL GROCERS/CANADA

Below the table are several buttons: 'Delete', 'Retranslate', 'To Floppy', 'From Floppy', 'OK', 'Help', 'View EDI', and 'View Process Log'. On the right side, there is a 'Floppy Drive' section with two checkboxes: 'Drive :A' (checked) and 'Drive :B' (unchecked).

History of EDI translations is provided in the EDI History section.

Retranslate

The untranslated EDI files are saved after translation processing. Should you have a need to retranslate for the purpose of reprocessing reports or other reason, this function is available from the EDI History interface screen.

Copy To/From Floppy -- EDI History List

Copies of EDI history data to and from floppy is provided to allow archival/backup procedures in OVERSEER. These disks can be stored as permanent records of EDI transactions.

View EDI

Viewing EDI data is possible through OVERSEER. The untranslated EDI files provide review of information during set-up or testing procedures or when trading partner changes have occurred and verification of changes is desired.

View Process Log

Processing information after translation can be viewed with the “View Process Log” option. Any special messages generated by the translator are displayed in this log.

TP Setup

Trading Partners are setup in master records which can be viewed or updated in “TP Setup”.

Name	Set	ID
ANY COMPANY	864	NGTEST
NATIONAL GROCERS/CANADA	824	NGTEST
NATIONAL GROCERS/CANADA	875	NGTEST
NATIONAL GROCERS/CANADA	864	NGPROD
NATIONAL GROCERS/CANADA	824	NGPROD
NATIONAL GROCERS/CANADA	875	NGPROD
NATIONAL GROCERS/CANADA	864	NGDSR
NATIONAL GROCERS/CANADA	824	NGDSR
NATIONAL GROCERS/CANADA	875	NGDSR
INSTALLATION TEST ID	824	NGTEST
AUTO GENERATE TRADING PARTNER	875	NGDSR
AUTO GENERATE TRADING PARTNER	997	NGTEST
AUTO GENERATE TRADING PARTNER	875	9056699570

In **TP Setup** Trading Partner information can be viewed or updated.



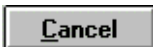
TP Setup is used to create EDI Header information required for Sending data and to create a selection criteria to process Received data.

RECEIVE TRADING PARTNER

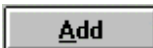
S/R	SENDER ISA ID	SND QUAL	SENDER GS ID	RECV QUAL	RECEIVER ISA ID	RECEIVER GS ID
R	SENDER NO	ZZ	SENDER	ZZ	RECEIVER	RECEIVER



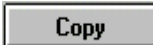
Save changes and exit to Overseer



Cancel changes and exit to Overseer



Create new Receive Trading Partner



In setting up another Trading Partner master, it is often easy to copy an existing record and then make modifications to the copy. This might be the case if you are receiving an 850 Purchase Order from a trading partner and that same trading partner is going to begin sending 860 Purchase Order Changes. By copying the TP master with the 850, very few fields will be required to be entered to complete the new TP master for the 860 document.

Delete	Delete Trading Partner Information
From Floppy	The “From Floppy” option allows retrieving trading partner masters from diskette. These may have copied to the disk in either the DOS or Windows versions of PassportGOLD.
To Floppy	Copy Trading Partner to diskette. The “To Floppy” option allows copying trading partner masters to diskette. These can then be used in the “From Floppy” options of the DOS or Windows versions of PassportGOLD.
TP Report	Prints out information on all Trading Partners
Maps and Apps From Floppy	Use of this option allows copying, into OVERSEER, maps and application flatfile definitions which have been copied to disk in either the DOS or Windows version of PassportGOLD.

When EDI data is received, the Trading Partner key information including ISA and GS IDs, EDI Document, and version number are used to match to the TP record. When matched, the master points to the map and application flatfile names to be used for translation.

Form View

Use of this option expands the highlighted line to a full screen view of the trading partner’s master record.

Edit RECEIVE Trading Partner

Select “Form View” to review Receive Trading Partner information.

The RECEIVE Trading Partner records are used by OVERSEER to determine the incoming EDI data versions, maps and application file names. Other indicative data is included for the user as well as the translator (e.g. return a 997 acknowledgment, etc.).

Edit Receive Trading Partner					
Sender ISA Qual	<input type="text" value="ZZ"/>	ID: <input type="text" value="SENDER NO"/>	Our ISA Qual	<input type="text" value="ZZ"/>	ID: <input type="text" value="RECEIVER NO"/>
Sender GS ID	<input type="text" value="SENDER"/>		Our GS ID	<input type="text" value="RECEIVER"/>	
Version :	<input type="text" value="003050"/>	Set :	<input type="text" value="850"/>	Map Name :	<input type="text" value="PURCHIN"/> <input type="button" value="v"/>
Internal Number	<input type="text" value="1234"/>		Flatfile Name	<input type="text" value="PURCHIN"/>	
Customer Name	<input type="text" value="ABC MANUFACTURING"/>			Acknowledgment	<input type="text" value="N"/>
Address:	<input type="text" value="123 MAIN ST."/>			Comp Only:	<input type="text" value="Y"/>
Address:	<input type="text"/>			Data Rpt:	<input type="text" value="N"/>
City :	<input type="text" value="SOMEWHERE"/>	ST :	<input type="text" value="US"/>	Zip :	<input type="text" value="77575"/>
Contact:	<input type="text"/>			Store Diag	<input type="text" value="N"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/> <input type="button" value="Help"/>					

Screen Name	Description	Comments
Sender ISA Qual	ISA-05 Interchange ID Qualifier (Sender)	Required and must match EDI data
Sender ISA ID	ISA-06 Interchange Sender ID	Required and must match EDI data
Sender GS ID	GS-02 Application Sender Code	Required and must match EDI data
Our ISA Qual	ISA-07 Interchange ID Qualifier (Receiver)	Required and must match EDI data
Our ISA ID	ISA-08 Interchange Receiver ID	Required and must match EDI data
Our GS ID	GS-03 Application Receiver Code	Required and must match EDI data
Version	GS-08 Version/Release ID Code	Required and must match EDI data. "Version" refers to the EDI standards version being used. ANSI X12 standards are of the form 003050, etc. The 3 represents Version 3 and the 5 represents Release 5. Variations on these with subreleases are common resulting in the possibility that a user may have trading partners using a dozen different versions.

Set	ST-01 Transaction Set ID Code	Required and must match EDI data. SET identifies the EDI Document number connected with a trading partner. These are 3-digit numbers such as 850 for Purchase Orders and 810 for Invoice.
Internal Number	Internal number for this Trading Partner	This number can be written to the application flat file by putting "INTPO" in the Value field of the Application flat file field. The INTERNAL NUMBER provides a way to identify this particular trading partner record within a flatfile of data. For example, if your accounting system generates invoice data for 100 trading partners, this field allows the system to identify each particular trading partner by this number. This number may be a customer number or other identifier used within your systems.
Map Name	Name of Map Created for the application	Required. This field is used to hold the name of the map to be used by the translator in the Receive translation.
Flat File Name	Name of file name data is to be written to. It is created in the ediin subdirectory	Required. This field is used to hold the name of the Flatfile to be used by the translator in Receive translations. This field holds the data after translation on Receives. Prior to translation, Receive data is located in \EDIINBOX\xxx.DAT.
Customer Name	Trading Partner Name	Will appear on Customer list
Customer Address	Customer Address	Information only
Contact	Contact Name	Information only

Acknowledgment	Will send a 997 out if marked “Y”	The 997 is created after received EDI data is translated. Values are either ‘Y’ (Yes, create and send acknowledgment) or ‘N’ (No, do not create acknowledgment).
Comp Only	Compliance Only. 997 will be created with only required fields.	Most cases this should be marked “Y”
Data Report	Will produce report of incoming data match to EDI value	This should only be used during testing. This slows the translator down severely.
Store Diag	Diagnostics of data will be stored	This can be viewed in EDI history

SEND TRADING PARTNER

The screenshot shows a software window titled "PassportGOLD [Trading Partner, Map, App] Maintenance". It has two radio buttons: "Receive" (unselected) and "Send" (selected). Below the buttons is a table with the following data:

S/R	SENDER ISA ID	SND QUAL	SENDER GS ID	RECV QUAL	RECEIVER ISA ID	RECEIVER GS ID
S	SENDER NO	ZZ	SENDER	ZZ	RECEIVER	RECEIVER

When EDI data is to be created (SEND) within OVERSEER, the trading partner master record is used to create the proper enveloping (ISA/GS IDs and ST Document number), determine when the document changes (Doc Start/End position fields), determine when the trading partner changes (TP Start/End position fields), and what maps are to be used for the translation. The key to the trading partner master record is the flatfile name (e.g. INVOICE.DAT).

Additional fields which are in the SEND Trading Partner master record are the segment terminator character and the field terminator character. The decimal value may be entered which will be translated to the hex value used by the system to determine the symbol being requested.

Form View

Edit SEND Trading Partner

Select Form View to review SEND Trading Partner information.

Screen Name	Description	Comments
EDI Header Type	Can Select ISA/IEA, GS/GE or BG/EG Envelope	<p>Be sure that when you exit this screen the header of your choice is selected. Also the GS/GE is a type of EDI Header. If the GS/GE is selected when you exit this screen it will not write out an ISA/IEA.</p> <p>EDI enveloping structures are of several types. Depending on whether data is built using specifications for TDCC, X12, UCS, VICS, or others, the envelopes may be built on one of several using different structures. OVERSEER provides the capability to generate the specific type required by your trading partner. Upon entering the "SEND Trading Partner" edit screen, the user is provided a choice of these enveloping techniques. The default is ISA-IEA which is the X12 standard.</p>

Version	GS-08 Version Release ID Code	This will put the version in the EDI data exactly as it is shown here. "Version" refers to the EDI standards version being used. ANSI X12 standards are of the form 003050, etc. The 3 represents Version 3 and the 5 represents Release 5. Variations on these with subreleases are common resulting in the possibility that a user may have trading partners using a dozen different versions.
Internal Number	Internal ID for this Trading Partner	If the input flatfile has multiple trading partners this field must be used. The INTERNAL NUMBER provides a way to identify this particular trading partner record within a flatfile of data. For example, if your accounting system generates invoice data for 100 trading partners, this field allows the system to identify each particular trading partner by this number. This number may be a customer number or other identifier used within your systems.
Set	ST-01 Transaction Set ID Code	SET identifies the EDI Document number connected with a trading partner. These are 3-digit numbers such as 850 for Purchase Orders and 810 for Invoice.
Ele Separator	This is in decimal form (see Appendix 'A').	Refer to a PC decimal and hexadecimal character set.
Seg Terminator	This is in decimal form (see Appendix 'A').	Refer to a PC decimal and hexadecimal character set.
Customer Name	Name of Trading Partner	This will show up on the customer list
Address Information	Address of Trading Partner	Information only
Contact	The contact for Trading Partner	Information only

TP Start Pos	Starting position of the Trading Partner in the Flat file input.	This is necessary for files that have multiple trading partners. The trading partner start and end position allows indicating to the translator where the trading partner information is stored within the flatfile record being translated (outgoing).
TP End Pos	End position of the Trading Partner in the Flat file input.	This is necessary for files that have multiple trading partners
Doc Start Pos	Starting Position of the document.	A flatfile may be made up of several documents i.e. invoices. This creates a new transaction (ST/SE) every time the document key changes within the flatfile input. The Document Start and end positions allow determining where a particular document ends (e.g. invoice number changes, etc.). This allows the translator the information required to generate functional groups and transaction sets for a number of trading partners and documents during one processing.
Doc End Pos	End Position of the document	
Map Name	Name of Map created by PassportGOLD	This field is used to hold the name of the map to be used by the translator in the Send translations.
Flat File Name	Name of Flat file.	This should be located in the EDIOUTBX subdirectory. This field is used to hold the name of the Flatfile to be used by the translator in Send translations. This field holds the data to be translated on Send translations. Send data is located in \EDIOUTBX\xxx.DAT.
Group Name	This is needed for multiple transaction types within the same GS/GE	Documents with the same functional ID are sometimes sent within the same GS/GE. A group name links them together to be sent withing the same GS/GE. (i.e. 810 & 819)
Acknowledgment	'Y' indicates that an Acknowledgment will be expected from the receiver of this send EDI file.	This field is used to indicate to OVERSEER that the system should expect and track acknowledgments on EDI data sent from the system. Values are either 'Y' (Yes) or 'N' (No).

Alternative Outgoing EDI Directory This will write the outgoing data in multiple directories

This may be needed if EDI data is sent through different networks. Alternate Outgoing EDI Directory. This field (0-9) allows alternate directories for placing flatfile data prior to translation. The translator looks at these values within the TP record to determine where to locate the files.

Screen Name	Description	Comments
Authorization Code Qualifier	ISA-01 Authorization Qualifier	Code to ID type of Auth. Info
Authorization Code ID	ISA-02 Authorization Information	Additional info on the sender
Security Code Qualifier	ISA-03 00 - No Security 01- Password	
Security Code Info	ISA-04 Security Information	
Interchange Sender Qualifier	ISA-05 Used for routing	
Interchange Sender ID	ISA-06 Used for routing	
Interchange Receiver Qualifier	ISA-07 Used for routing	
Interchange Receiver ID	ISA-08 Used for routing	

Interchange Date	ISA-09 System generated	
Interchange Time	ISA-10 System generated	
Interchange Control ID	ISA-11 Interchange Control ID	U = U.S. EDI Community ASCx12
Interchange Version	ISA-12 Not to be confused with GS Version/Release	
Interchange Control No	ISA-13 Starts with 1 and increments each time a transmission is sent.	
Acknowledgment Request	ISA-14 Indicates to the receive Trading Partner that an Acknowledgment is expected.	
Test Indicator	T= Test P=Production	
Sub Element Separator	ISA-15 Splits Elements into subelements	

Screen Name	Description	Comments
Functional ID Code	GS-01 Identifies Functional Group	The Functional ID used in the GS segment is required in the trading partner master. This information specifies the EDI document being created by the translator using the appropriate flatfile data and maps.
Application Senders Code	GS-02 Used for routing	
Date	GS-03 System Generated	
Time	GS-04 System Generated	

Group Control Number	GS-05 Starts with 1 and increments each time a GS segment is sent.
Responsible Agency Code	GS-06 (X=X12 T=TDCC)

From Floppy Updates

Floppy Drive capabilities are provided to allow “import” of preloaded report or data entry lists or additional tables required by the translator (e.g. cross-reference). These modules may have been created within **PassportGOLD for DOS** or **PassportGOLD for Windows** EDI products developed by DSR.

Insert the diskette, select the “From Floppy Updates” button, and all data regardless of type will be copied into the appropriate sections of OVERSEER.

Appendix ‘A’

Element Separator / Segment Separator

The value selected here allows the system to separate fields and segments in the outgoing EDI file so that receiving translators can handle the translation on their end. The value may be entered either in HEX or DECIMAL. The table below will help determine the proper codes to be used. Some trading partners will specify the separators they require. Others will allow you to select these values.

ANSI Character Set (Character Codes 0–255)

Dec	Hex	Char	Code†
0	00		NUL
1	01		SOH
2	02		STX
3	03		ETX
4	04		EOT
5	05		ENQ
6	06		ACK
7	07		BEL

8	08	BS
9	09	HT
10	0A	LF
11	0B	VT
12	0C	FF
13	0D	CR
14	0E	SO
15	0F	SI
16	10	SLE
17	11	CS1
18	12	DC2
19	13	DC3
20	14	DC4
21	15	NAK
22	16	SYN
23	17	ETB
24	18	CAN
25	19	EM
26	1A	SIB
27	1B	ESC
28	1C	FS
29	1D	GS
30	1E	RS
31	1F	US
32	20	(space)
33	21	!
34	22	"
35	23	#
36	24	\$
37	25	%
38	26	&
39	27	'
40	28	(
41	29)

42	2A	*
43	2B	+
44	2C	,
45	2D	-
46	2E	.
47	2F	/
48	30	0
49	31	1
50	32	2
51	33	3
52	34	4
53	35	5
54	36	6
55	37	7
56	38	8
57	39	9
58	3A	:
59	3B	;
60	3C	<
61	3D	=
62	3E	>
63	3F	?
64	40	@
65	41	A
66	42	B
67	43	C
68	44	D
69	45	E
70	46	F
71	47	G
72	48	H
73	49	I
74	4A	J
75	4B	K

76	4C	L
77	4D	M
78	4E	N
79	4F	O
80	50	P
81	51	Q
82	52	R
83	53	S
84	54	T
85	55	U
86	56	V
87	57	W
88	58	X
89	59	Y
90	5A	Z
91	5B	[
92	5C	\
93	5D]
94	5E	^
95	5F	_
96	60	`
97	61	a
98	62	b
99	63	c
100	64	d
101	65	e
102	66	f
103	67	g
104	68	h
105	69	i
106	6A	j
107	6B	k
108	6C	l
109	6D	m

110	6E	n
111	6F	o
112	70	p
113	72	q
114	72	r
115	73	s
116	74	t
117	75	u
118	76	v
119	77	w
120	78	x
121	79	y
122	7A	z
123	7B	{
124	7C	
125	7D	}
126	7E	~
127	7F	•
128	80	
129	81	•
130*	82	,
131*	83	<i>f</i>
132*	84	„
133*	85	...
134*	86	†
135*	87	‡
136*	88	^
137*	89	‰
138*	8A	Š
139*	8B	<
140*	8C	Œ
141	8D	•
142	8E	Ž
143	8F	•

144	90	•
145	91	'
146	92	'
147*	93	"
148*	94	"
149*	95	•
150*	96	—
151*	97	—
152*	98	~
153*	99	™
154*	9A	š
155*	9B	›
156*	9C	œ
157	9D	•
158	9E	ž
159*	9F	ÿ
160	A0	
161	A1	ı
162	A2	ç
163	A3	£
164	A4	¤
165	A5	¥
166	A6	ı
167	A7	§
168	A8	¨
169	A9	©
170	AA	ª
171	AB	«
172	AC	¬
173	AD	-
174	AE	®
175	AF	-
176	B0	°
177	B1	±

178	B2	²
179	B3	³
180	B4	´
181	B5	µ
182	B6	¶
183	B7	·
184	B8	˘
185	B9	¹
186	BA	º
187	BB	»
188	BC	¼
189	BD	½
190	BE	¾
191	BF	¿
192	C0	À
193	C1	Á
194	C2	Â
195	C3	Ã
196	C4	Ä
197	C5	Å
198	C6	Æ
199	C7	Ç
200	C8	È
201	C9	É
202	CA	Ê
203	CB	Ë
204	CC	Ì
205	CD	Í
206	CE	Î
207	CF	Ï
208	D0	Ð
209	D1	Ñ
210	D2	Ò
211	D3	Ó

212	D4	Ô
213	D5	Õ
214	D6	Ö
215	D7	×
216	D8	Ø
217	D9	Ù
218	DA	Ú
219	DB	Û
220	DC	Ü
221	DD	Ý
222	DE	Ɔ
223	DF	ß
224	E0	à
225	E1	á
226	E2	â
227	E3	ã
228	E4	ä
229	E5	å
230	E6	æ
231	E7	ç
232	E8	è
233	E9	é
234	EA	ê
235	EB	ë
236	EC	ì
237	ED	í
238	EE	î
239	EF	ï
240	F0	ð
241	F1	ñ
242	F2	ò
243	F3	ó
244	F4	ô
245	F5	õ

246	F6	ö
247	F7	÷
248	F8	ø
249	F9	ù
250	FA	ú
251	FB	û
252	FC	ü
253	FD	ý
254	FE	þ
255	FF	ÿ

- Indicates that this character is not supported by Windows.
- * Indicates that this character is available only in TrueType fonts.

† The "Code" column is meaningful only for characters 1–31.