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JD EDWARDS WORLD

JD Edwards World

EDI Error Notification

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EDI Error Notification

You can use EDI Error Notification to automatically communicate errors to trading partners. When the EDI program issues an error, it can also automatically generate an e-mail to the trading partner informing them of the error and requesting they correct and resend the transaction. It can also purge and archive the existing EDI record that is in error.

You use EDI Error Notification in conjunction with Electronic Document Delivery (EDD). This enables the system to automatically distribute e-mails to specific individuals or distribution lists based on output from JD Edwards World software programs. The following transaction sets and programs use this functionality to send error notifications:

- Inbound 810, EDI Inbound Invoice / Match to P.O. Edit / Create (P470412)
- Inbound 855, EDI Inbound PO and PO Change Acknowledgment (P47021)
- Inbound 865, EDI Inbound PO and PO Change Acknowledgment (P47021)

After you set up your system, if an error occurs in one of these programs due to incorrect EDI data from a trading partner, your system can automatically send an e-mail notifying the trading partner of the issue so they can correct and resend the data. You can also set up the system to purge the EDI record in error.

You must set the Automatic Error Notification processing option for P470412 and P47021 to activate the automatic error notifications. Each program also includes processing options in which you can specify the version of the purge program to use if you decide to purge EDI records in error. The system uses the EDI Document Number (EDOC), EDI Document Type (EDCT), and EDI Document Key Company (EKCO) from the record in error as document keys and purges all records in the EDI files for that transaction with those document keys.

Setting up EDI Error Notification includes the following tasks:

- Setting Up Errors and Corresponding E-Mail Templates
- Setting up Variables for E-mail Templates
- Setting Up Profiles to Designate E-Mail Recipients

Before You Begin

- Activate EDD. See *Working with Electronic Document Delivery* for more information.

Setting Up Errors and Corresponding E-Mail Templates

From Email Error Notification Setup (G47311), choose **Notification Errors**

You must designate the specific errors that activate automatic notification and set up e-mail templates to send based on each error. You use the EDI Notification Errors program (P4771) to do so. The system saves these records, which include the error code for the transaction set, name of the e-mail template, and notification status of active or inactive, in the EDI Notification Errors table (F4771).

You set up errors by transaction set. The three transaction sets available are 810, 855, and 865. JD Edwards World includes the most common errors for which you might want to send notifications. You can add your own if the program generates the error.

You set the Purge Record field to designate that the system purges records in error immediately after it sends an e-mail notification. You must set the Active Status field to activate the notification process for each error.

You can set up e-mail notification errors by address number to tailor errors pertinent to a specific trading partner, and also to set up trading partner specific e-mail templates.

You should note the name of the e-mail template that you attach to each error code.

You enter the header portion of the template in the E-Mail Template Maintenance program (P00E04) and the system stores the data in the Email Template Master (F00E04). The system stores the text in the body of each e-mail template in the Generic Text Key Index File (F00163) table. JD Edwards World includes text for the e-mail template headers and you must add the body text for each error message.

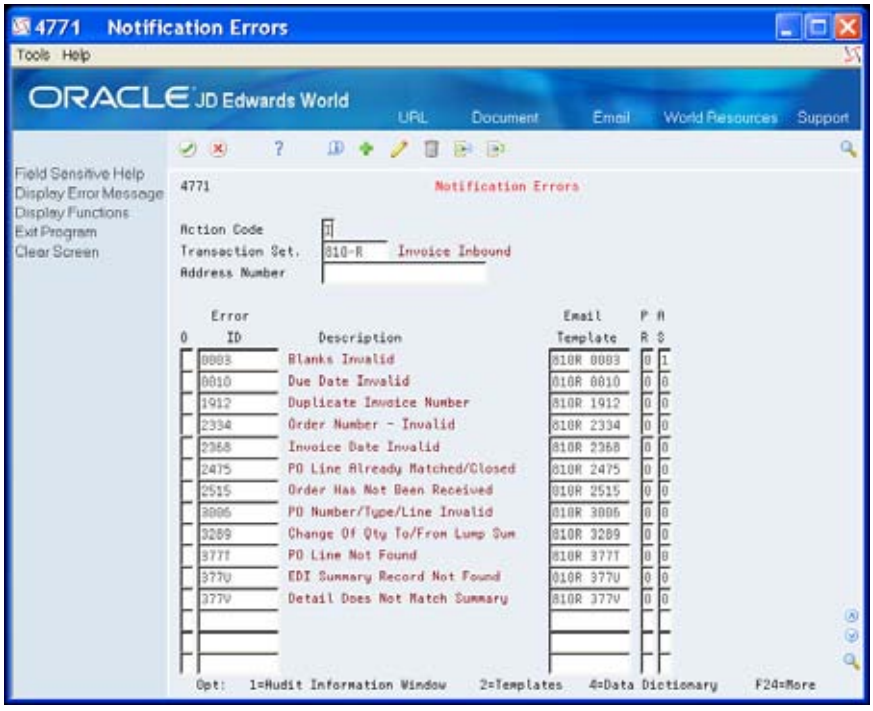
On EDD Email Template Body you can also access the Text Model Selection window to create model text for the e-mail messages.

See *Example Templates for E-mail Notification Errors* for examples of body text for each error message.

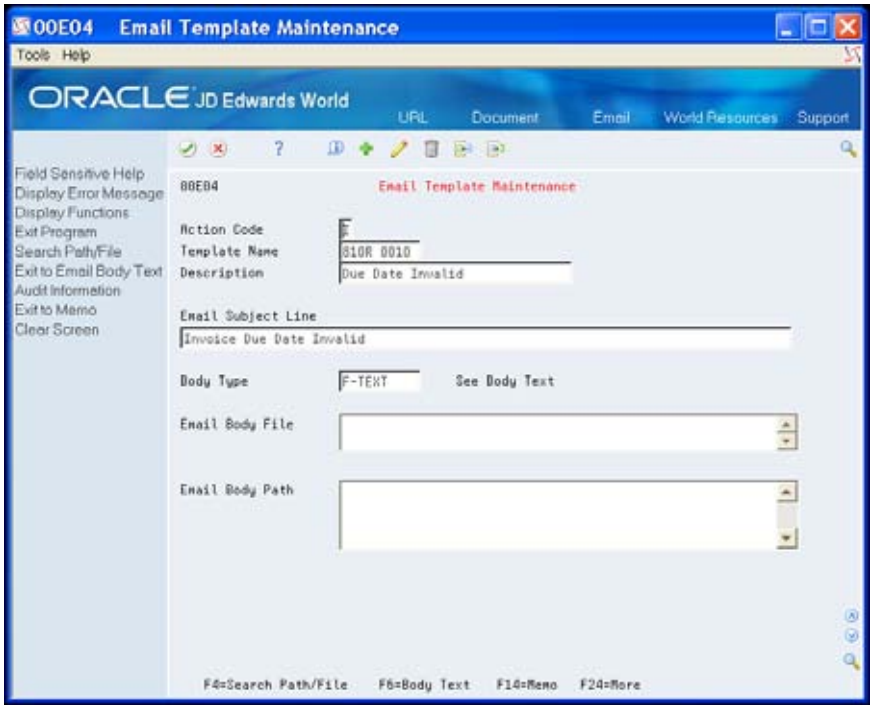
To set up errors and corresponding templates

1. On Notification Errors, complete the following fields and click Add.

- Transaction Set
- Address Number
- Error ID
- Email Template
- Purge Record
- Active Status



2. Enter 2 in the Option field next to the error to access the e-mail template.

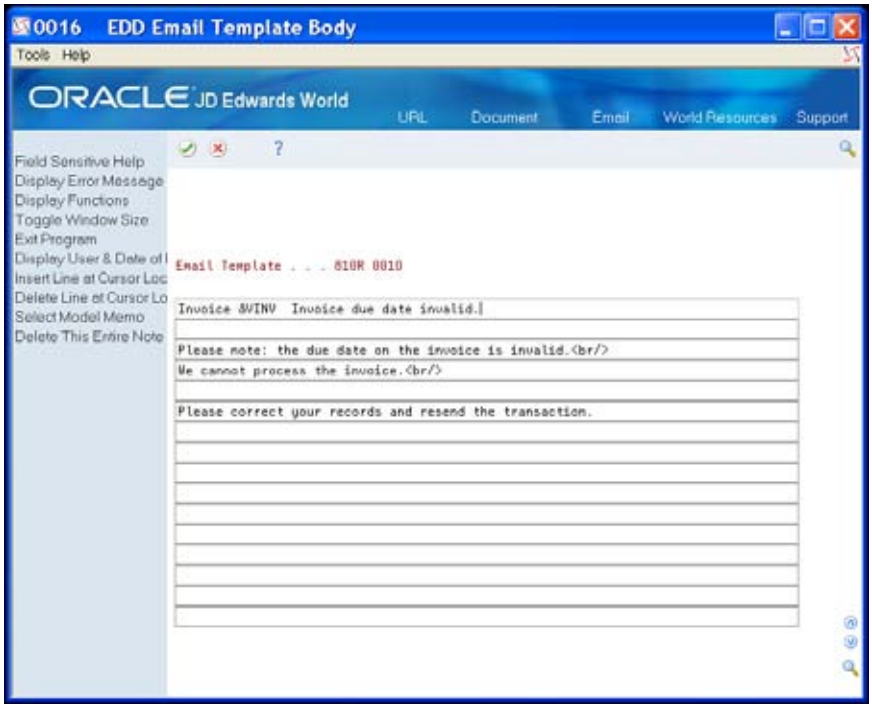


3. On E-Mail Template Maintenance, complete the following fields and click Add.

- Description
- Email Subject Line

- Body Type
- Email Body File
- Email Body Path

4. On E-Mail Template Maintenance, choose Exit to Email Body Text (F6) to access the body of the template.



5. On EDD Email Template Body, enter the e-mail text and click Enter.

Take note of the variables that follow the ampersand at the beginning of the text.

Field	Explanation
Transaction Set	The user defined code (40/EN) identifying the EDI transaction types which have been enabled to generate email notifications of errors. All of the transaction types in user defined code table 40/EN are hard-coded.
Address Number	A number that identifies an entry in the Address Book system. Use this number to identify employees, applicants, participants, customers, suppliers, tenants, a location, and any other address book members. *Form-specific information* If you enter zero or leave this field blank, the system sends the e-mail notification error to the trading partner for that transaction if they have a notification profile.

Field	Explanation
Error ID	A user defined code that identifies the errors for which it is possible to set up the automatic generation of an email notification when the system issues the error. The user defined code (UDC) table containing the valid error codes depends upon the type of transaction being processed. UDC table 40/EN contains the list of transactions for which it is possible to set up automatic email notification. Each transaction has its own UDC table with a list of valid error codes. The keys identifying the UDC table for the transaction are stored in the special handling code of each entry in UDC 40/EN. *Form-specific information* The UDC tables for the three transaction sets include: ▪ 40/E1 for 810-R ▪ 40/E2 for 855-R ▪ 40/E3 for 865-R
Email Template	This is the Email template name. An Email template contains the Email subject line and/or the body text of an Email. The body text may be contained directly on the Email template, or may be contained in an HTML file which the template refers to.
Purge Record	A code that indicates whether the records in error are to be archived and purged after the email notification of the error has been sent. Valid values are: 0 - No records are purged. 1 - The records in error are archived and purged.
Active Status	A status code that indicates whether the notification of an error is active. When inactive, no email notification will be sent and no records will be purged. Valid values are: 0 - Inactive 1 - Active
Template Name	This is the Email template name. An Email template contains the Email subject line and/or the body text of an Email. The body text may be contained directly on the Email template, or may be contained in an HTML file which the template refers to.

Field	Explanation
Email Subject Line	This is the Subject Line for the Email.
Body Type	Specifies the MIME (Multipurpose Internet Mail Extensions) type for an Email body.
Email Body File	This specifies the file name of the external file to be used as the body of an Email.
Email Body Path	This specifies the file path of the external file to be used as the body of an Email.

Setting up Variables for E-mail Templates

From Email Error Notification Setup (G47311), choose Notification Variables

You can set up the variables in the EDD Email Template Body and the system substitutes a value in a file for the variable. Values that follow an ampersand (&) on EDD Email Template Body represent variables that you can optionally use in any e-mail template. For example, when the &VINV variable exists, the system substitutes the actual invoice number when it generates an e-mail for error 0003 for the EDI Inbound Invoice program. The system derives the value for &VINV on an inbound invoice from the Invoice Number field (SYINV) in the inbound EDI Invoice Header file (F47041).

You use the EDI Notification Variables program (P4773) to designate the file and field from which the system derives the value for each variable. The system stores this information in the EDI Notification Variables (F4773) table.

You can set up the variable for a specific address number or for all addresses. This allows you to tailor the variables to specific trading partners. The system first substitutes for variables set up for a specific address number and then substitute for any remaining variables that are for all addresses.

JD Edwards World includes numerous variables for you to use and you can add your own. Each variable must begin with an ampersand (&) and the system stores the variables in UDC 40/EN.

The files from which you can derive values are hard coded for each transaction set. After you locate a Transaction Set, you can choose Field Level Help (F1) in the File field to review which files you can use.

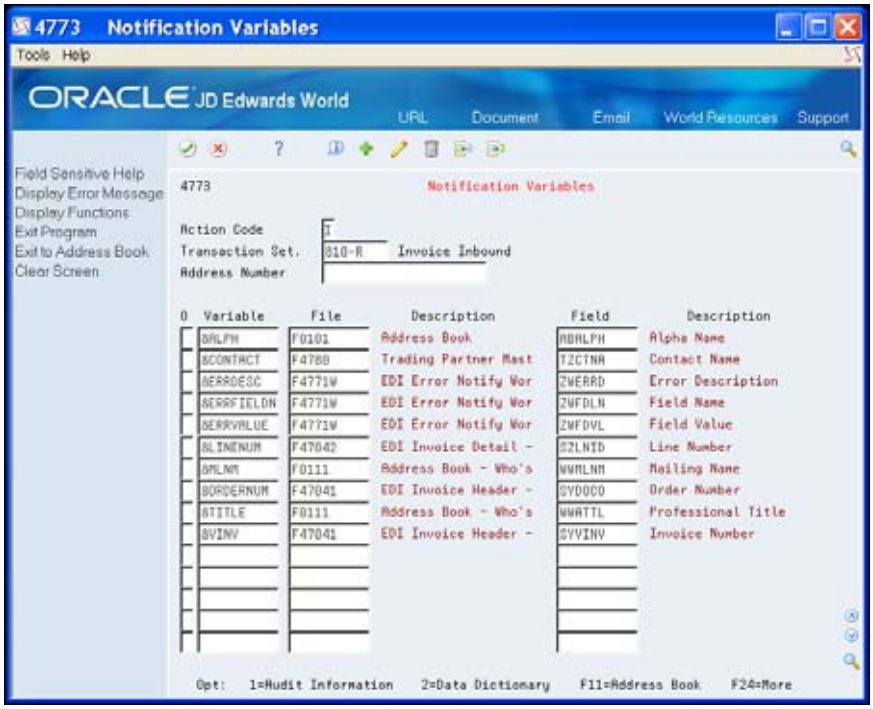
The EDI Error Notification Work file (F4771W) provides a means to map data from error information that JD Edwards World applications generate. The system does not save any records in the file.

What You Should Know About

Variables in EDD	You can also set up variables for use in e-mail templates using the EDD program Substitution Variables Maintenance (P00E042). However, these are either constants, such as a company signature, or the date and time. P00E042 does not substitute values from the EDI transactions.

To set up variables for e-mail templates

1. On Notification Variables, locate a transaction set.
2. Complete the following fields and click Add.
   - Variable
   - File
   - Field



Field	Explanation
Variable	A user defined code (40/EV) that identifies the variable names that can be used in email notifications of errors. All of the variable names in user defined code table 40/EV are hard-coded.

Field	Explanation
File	The number of a specific table. For example, the General Ledger Master table name is F0901. See the Standards Manual on the programmers' menu for naming conventions.
Field	The name of the field within the file. This name is constructed using the File Prefix specified in the SVR and the data item name in the data dictionary.

Setting Up Profiles to Designate E-Mail Recipients

From Email Error Notification Setup (G47311), choose Notification Profiles

You designate the recipients of e-mail notification errors using the EDI Notification Profile program (P4772). You use this program to maintain the EDD Distribution profile for each Address Number and EDI Transaction Set. The profiles you set up can represent a specific e-mail address or a distribution list. Any errors the system processes for this EDI Transaction Set and Address Number result in the system sending an e-mail error notification to this profile.

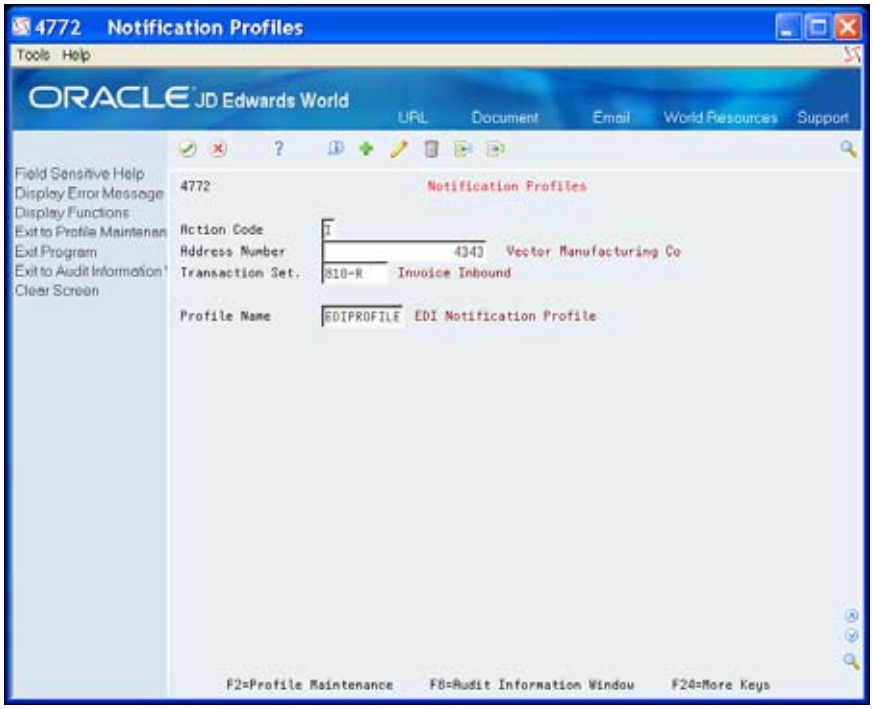
The Address Number field is an optional field. If you leave the Address Number field blank, then the recipients for that profile will receive a notification for every error the system issues for which there is no profile set up for the address number of the trading partner. You most likely use this feature for internal purposes only.

These addresses you choose for the profile must currently exist in the Address Book E-mail file (F01018).

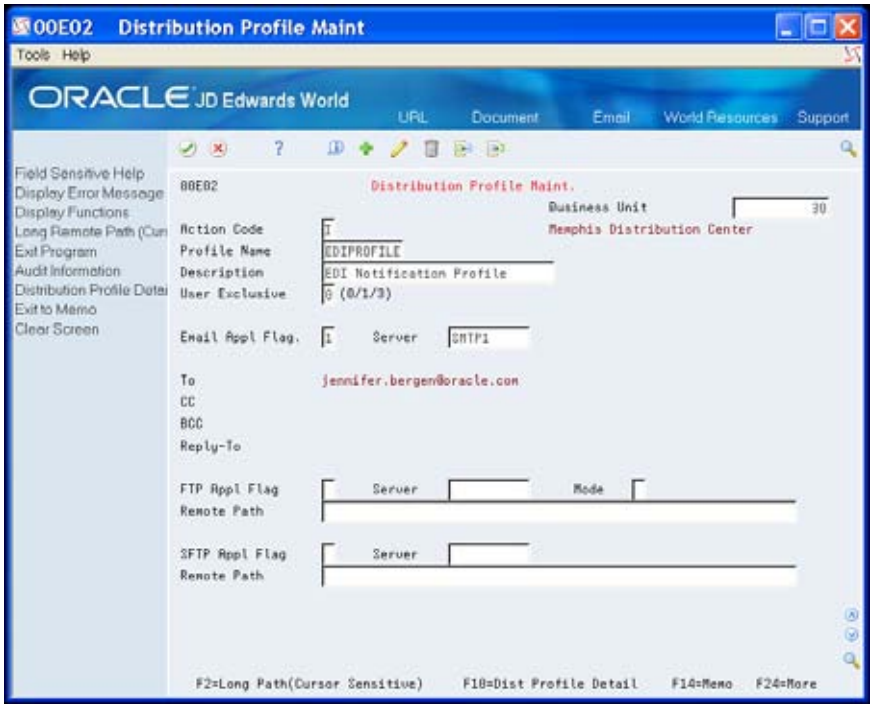
See *Working with Distribution Profiles* in the *Electronic Document Delivery* for more information about setting up profiles and attaching e-mail addresses.

To set up profiles to designate e-mail recipients

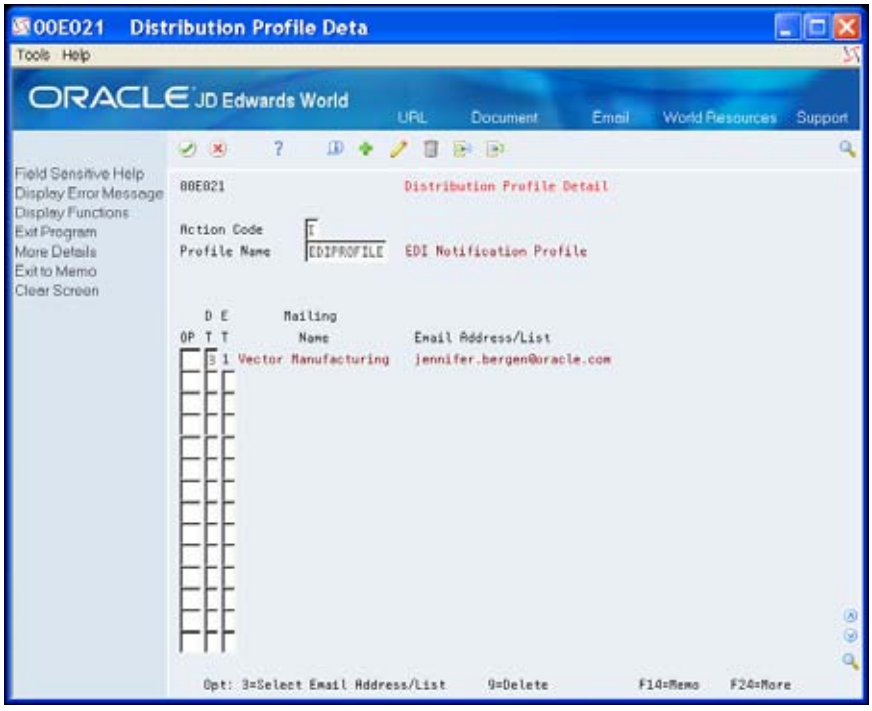
1. On Notification Profiles, complete the following fields and click Add.
   - Address Number
   - Transaction Set
   - Profile Name



2. Choose Exit to Profile Maintenance (F2) to access Distribution Profile Maintenance.

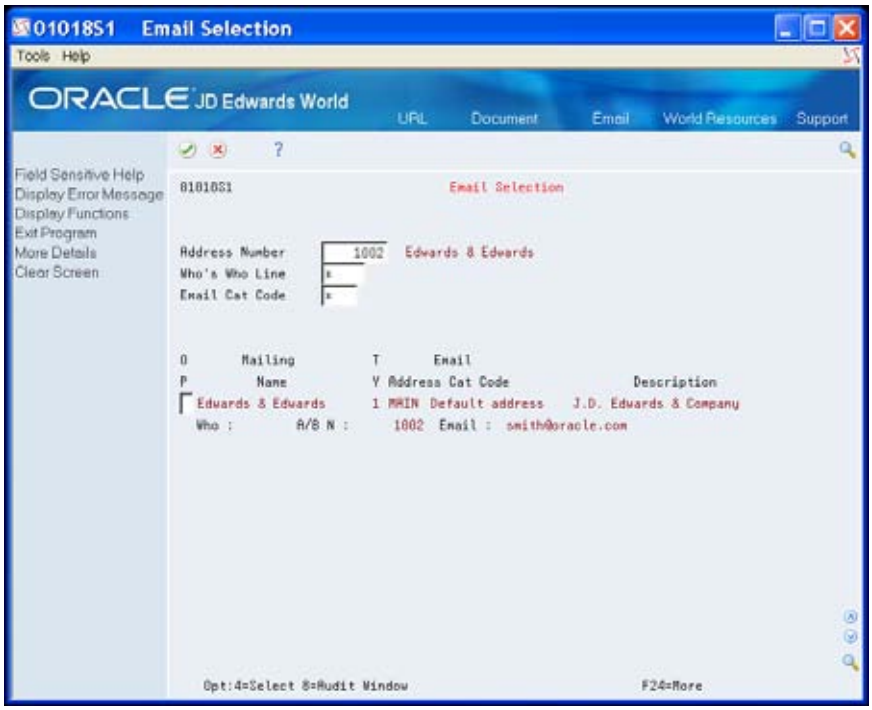


3. On Distribution Profile Maintenance, choose Distribution Profile Detail (F10) to access Distribution Profile Detail.



4. On Distribution Profile Detail, complete the following fields:
   - Delivery Type
   - E-mail Type

5. Enter 3 in the Option field to access the E-mail Selection.



6. On E-mail Selection, complete the Address Number field.

7. To narrow your search, complete the following fields:
   - Who's Who Line
   - Email Cat Code

8. Enter 4 in the Option field for any email addresses you want to choose and click Enter.

9. Continue to click Enter until you return to the menu.

Field	Explanation
Profile Name	This is the name of the Distribution Profile. In EDD, a Distribution Profile is used to store format and distribution options for an Email.
Delivery Type	This flag specifies the delivery type for an Email entry. Valid values: 1 - From (System Controlled) 2 - Reply-To 3 - To 4 - CC 5 - BCC 6 - Fax (Future Use)
E-mail Type	This flag indicates the type of Email entry. Valid values include: 1 = Email Address 2 = Email List When accessing Email Client Addresses (P00E021) from the Email Client program (P00E101), only Type 1 is a valid option.

Example Templates for E-mail Notification Errors

Example: Blanks Invalid

```
Email Template . . . 810R 0003

Invoice &VINV  Fields are blank - invoice in error.

Please note: certain required data fields are missing.<br/>
We cannot process the invoice.<br/>

The name of the field left blank is: &ERRFIELDN<br/>

Please correct your records and resend the transaction.
```

Example: Due Date Invalid

```
Email Template . . . 810R 001O

Invoice &VINV  Invoice due date invalid.

Please note: the due date on the invoice is invalid.<br/>
We cannot process the invoice.<br/>

Please correct your records and resend the transaction.
```

Example: Duplicate Invoice Number

Email Template . . . 810R 1912

Invoice &VINV Duplicate invoice.

Please note: the number on the invoice duplicates
another invoice. We cannot process the invoice.

Please correct your records and resend the transaction.

Example: Order Number – Invalid

Email Template . . . 810R 2334

Invoice &VINV Order number invalid - invoice in error.

Please note: this invoice contains a purchase order
number that does not exist in our records. We cannot
process this invoice.

The invalid order number is: &ERRVALUE

Please correct your records and resend the transaction.

Example: Invoice Date Invalid

Email Template . . . 810R 2368

Invoice &VINV Invoice date invalid.

Please note: the date of the invoice is invalid.
We cannot process the invoice.

The invalid date is &ERRVALUE.

Please correct your records and resend the transaction.

Example: PO Line Already Closed/Matched

Email Template . . . 810R 2475

Invoice &VINV Invoice invalid - PO line closed/matched.

Please note: this invoice refers to a line on a purchase
order that according to our records has already been
closed or matched. We cannot process this invoice.

The purchase order number is &ORDERNUM.
The line number is &LINENUM.

Please correct your records and resend the transaction.

Example: Purchase Order Not Received

Email Template . . . 810R 2515

Invoice &VINV Invoice invalid - Order has not been received.

Please note: this invoice is for an order that we have
not received yet. We cannot process this invoice.

The purchase order number is &ORDERNUM.

Please resend the invoice after the order has been
shipped and received.

Example: Purchase Order Line Invalid

Email Template . . . 810R 3006

Invoice &VINV Invoice invalid - PO Line Not Found

Please note: this invoice refers to a line on a purchase
order that according to our records does not exist.
We cannot process this record.

The purchase order number is &ORDERNUM.
The line number is &LINENUM.

Please correct your records and resend the transaction.

Example: Quantity To/From Lump Sum

Email Template . . . 810R 3289

Invoice &VINV Invoice invalid - Quantity Changed To/From Lump Sum

Please note: the purchase order line is being changed
from either a quantity line to a lump sum line
or a lump sum line to a quantity line.

We cannot process this invoice.

The purchase order number is &ORDERNUM.
The line number is &LINENUM.

Please correct your records and resend the transaction.

Example: PO Line Not Found

Email Template . . . 810R 377T

Invoice &VINV Invoice Invalid - PO Line Not Found

Please note: this invoice refers to a line on a purchase
order that according to our records does not exist.
We cannot process this record.

The purchase order number is &ORDERNUM.
The line number is &LINENUM.

Please correct your records and resend the transaction.

Example: EDI Summary Record Not Found

Email Template . . . 810R 377U

Invoice &VINV EDI summary record missing.

Please note: no EDI summary record was sent for this
transaction. We cannot process the invoice.

Please correct your records and resend the transaction.

Example: Detail Does Not Match Summary

Email Template . . . 810R 377V

Invoice &VINV EDI detail lines do not add up to summary.

Please note: the amount/quantity in the detail records
do not add up to the amount/quantity in the summary record.

Please correct your records and resend the transaction.

Example: Purchase Order Not Found

```
Email Template . . . 855R 2334

Order &DOCO &DCTO does not exist<br/>

Please note: this purchase order acknowledgment<br/>
has been rejected because we have no record of this<br/>
purchase order number.<br/>

The EDI document number is &EDOC<br/>

Please correct your records and resend the acknowledgment.
```

Example: Purchase Order Not Found

```
Email Template . . . 865R 2334

Order &DOCO &DCTO does not exist<br/>

Please note: this purchase order change <br/>
acknowledgment has been rejected because we have<br/>
no record of this purchase order number.<br/>

The EDI document number is &EDOC<br/>

Please correct your records and resend the acknowledgment.
```

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