

## Introduction

This chapter provides the necessary information to install the required programs and/or files to implement Idealease processing on the Legend system.

## Initial Setup for Idealease Logic

### ***OPTION:\*IDLOPTN.DAT***

An Idealease Option File, OPTION:\*IDLOPTN.DAT (where \* is the branch code) must be established via **Maintain Idealease Options (ID540)** for every branch running the Idealease interface. The following table explains each line of the Idealease Option File. For more information on establishing the file, see [“Maintain Idealease Options \(ID540\)” on page 2-1](#).

Line Number	Description	Explanation	Instruction
1	FTP Host	This line contains the host name needed to transmit files from the FTP Inbound Directory to the IDLIN: directory on the Legend system, and from the IDLOUT: directory on the Legend system to the FTP Outbound Directory.	Enter the Idealease IP address, where information is retrieved and sent. <b>This field is required for the Idealease programs to run.</b>
2	FTP User	This line contains the user name needed to transmit files from the FTP Inbound Directory to the IDLIN: directory on the Legend system, and from the IDLOUT: directory on the Legend system to the FTP Outbound Directory.	Enter the FTP user name used on the Idealease IP address. <b>This field is required for the Idealease programs to run.</b>

Line Number	Description	Explanation	Instruction
3	FTP Password	This line contains the password needed to transmit files from the FTP Inbound Directory to the IDLIN: directory on the Legend system, and from the IDLOUT: directory on the Legend system to the FTP Outbound Directory.	Enter the FTP password used on the Idealease IP address. <b>This field is required for the Idealease programs to run.</b>
4	FTP Inbound Directory	This field is not used at this time. This is not an actual directory. This is the location where data is held between Karmak and Idealease.	
5	FTP Outbound Directory	This field is not used at this time. This is not an actual directory. This is the location where data is held between Karmak and Idealease.	
6	FTP Inbound Frequency	This field specifies how often CNTRL:IDFTPIN.CTL runs.	Enter the amount of time between runs in the following format. <b>HH</b> : the number of hours between runs. <b>MM</b> : the minute at which the file runs. A message will appear at the bottom of the screen notifying you of the format; the inbound frequency <b>must</b> be entered in this format.
7	E-Mail User	The VAX e-mail account where e-mails will be sent when there is a problem with an FTP transfer.	Enter the user name for the recipient of the VAX e-mail (e.g., <b>BRANCH1</b> ).
8	FTP Batch Queue	The batch queue to which CNTRL:IDFTPIN.CTL and CNTRL:IDFTPOUT.CTL will be submitted.	Enter the batch queue. If you select <b>RETURN</b> or <b>ENTER</b> at this field, and the field did not previously have a value, it defaults to <b>ALT\$BATCH</b> .
9	A/P Control Branch	The branch code that can override the posting branch specified in the inbound A/P data file.	Enter a branch code for the control branch. If you select <b>RETURN</b> or <b>ENTER</b> at this field, and there is not already a value in the field, the field stays blank; this is not a required field. If you enter <b>*</b> , <b>ALL</b> , or an invalid branch code, the program prompts for another branch code.

## OPTION:\*IDLGLOPTN.DAT

The Idealease G/L Option File, OPTION:\*IDLGLOPTN.DAT (where \* is the branch code), holds the G/L numbers that **Idealease Outbound G/L Transactions (ID4100)** refers to for gathering G/L transactions. This option file must also be maintained through **Maintain Idealease Options (ID540)**. See [“Maintain Idealease Options \(ID540\)” on page 2-1](#) for more information on adding and maintaining G/L numbers in this file.

### Idealease G/L Codes

In order for **Idealease Outbound G/L Transactions (ID4100)** to function properly, a two-digit Idealease G/L code must be added in the first two spaces of the Description field for every G/L number from which you plan to export P&L data. Multiple G/L numbers can cross to one Idealease category. The following chart lists the two-digit Idealease codes.

Category	Description
C1	Shop Labor Expense
C2	Wash
C3	Parts
C4	Reefer
C5	Outside Repairs
C6	Misc. Expense
C7	Tires
F1	Depreciation
F2	Interest
F3	License/Permits/FHUT
R1	Fixed Revenue
R2	Mileage Revenue
R3	Reefer Revenue
R4	Outside Rental Revenue
R5	Insurance Revenue
R6	Misc. Revenue

Refer to **General Ledger Account Maintenance (GL900)** in the General Ledger Management manual for more information regarding adding or changing G/L numbers and the Description field.

## Required Directories

### IDLHIST:

The IDLHIST: directory must be created on your system before running the Idealease programs. Both inbound and outbound files that have been processed by Legend are placed in this directory. Files will be saved in the IDLHIST: directory for 60 days.

**IDLIN:**

The IDLIN: directory must be created on your system to run the Idealease programs for Legend. Files received from the FTP Inbound Directory are held in this directory until CNTRL:IDFTPIN.CTL runs. The files are removed from the directory as they are processed.

**IDLOUT:**

The IDLOUT: directory is necessary for Idealease processing. This directory holds the outbound data from Legend before it is transferred to the FTP Outbound Directory, when CNTRL:BKKPNG.CTL runs. Outbound repair order invoices and G/L data will be temporarily held in the IDLOUT: directory. Files will be moved from this directory to the IDLHIST: directory as they are processed.

## Overview of Processing

### *Idealease Inbound Data Transfers*

**CNTRL:IDFTPIN.CTL**

CNTRL:IDFTPIN.CTL is a new control file for Idealease. It is submitted according to the FTP Inbound Frequency set up in OPTION:\*IDLOPTN.DAT line 6, and will go to the FTP Batch Queue specified in OPTION:\*IDLOPTN.DAT line 8. The control file sends, via FTP, files from the FTP Inbound Directory to the IDLIN: directory on the Legend system.

The control file proceeds through the following steps.

Step 1. Verifies that OPTION:\*IDLOPTN.DAT exists for your branch.

- If OPTION:\*IDLOPTN.DAT does not exist, the following message is written to the log and the control file ends: *OPTION:\*IDLOPTN.DAT was not found—Aborting!!!! Please create and populate this option file by running ID540.*

Step 2. Reads OPTION:\*IDLOPTN.DAT lines 1–4 and 6–8.

- If the FTP Batch Queue field is blank, it defaults to **ALT\$BATCH**.
- If the FTP Inbound Frequency field is blank, it defaults to **02 : 00** (i.e., run every two hours, on the hour).

Step 3. Verifies that OPTION:\*IDLOPTN.DAT lines 1–3 (FTP Host, FTP User, and FTP Password) all contain data.

If one of these lines is blank, the following mail message is sent to the e-mail address specified in OPTION:\*IDLOPTN.DAT line 7, and the control file ends.

*OPTION:\*IDLOPTN.DAT is incomplete and no inbound FTP file transfers can be completed at this time.*

*Either the FTP Host, FTP Username, or FTP Password section of this option file is incomplete.*

*Please complete the option file via ID540 or contact the Vendor Communications Department at Karmak for assistance.*

Step 4. Resubmits itself to the FTP Batch Queue to run at the correct time according to the FTP Inbound Frequency.

Step 5. Creates a file, TEL:IDLFTPIN.DAT, that contains the FTP commands. Commands are written to this file to move all GL, AP, AR, and UT files from the FTP Inbound Directory into the IDLIN: directory.

If there is a problem with the FTP transfer, the following e-mail message is sent to the e-mail address specified in OPTION:\*IDLOPTN.DAT line 7.

*There was a problem with the inbound Idealease FTP file transfer.  
Please check the log file or contact the Vendor Communications Department at Karmak for assistance.*

Step 6. Deletes the transferred files from the FTP Inbound Directory.

## Process Inbound Idealease Data (ID400I)

**Process Inbound Idealease Data (ID400I)** processes any General Ledger (GL), Accounts Receivable (AR), Accounts Payable (AP), and Lease and Rental Unit (UT) files in the IDLIN: directory that are brought back by CNTRL:IDFTPIN.CTL. After processing, the program moves the files from the IDLIN: directory to the IDLHIST: directory.

## Idealease Outbound Data Transfers

### CNTRL:BKKPNG.CTL

Both outbound programs, **Idealease Outbound G/L Transactions (ID410O)** and **Idealease 810 Outbound Invoice (ID810O)**, run as part of CNTRL:BKKPNG.CTL. Specific lines must be added to that file before the programs will run. Refer to [“Idealease Outbound Data Transfers—Idealease Outbound G/L Transactions \(ID410O\)” on page 4-1](#) or [“Idealease Outbound Data Transfers—Idealease 810 Outbound Invoice \(ID810O\)” on page 5-1](#) for more information regarding each program and CNTRL:BKKPNG.CTL.

### Idealease Outbound G/L Transactions (ID410O)

**Idealease Outbound G/L Transactions (ID410O)** gathers G/L transactions from LEDGER:GLMONmmmyyyy.DAT for the G/L numbers specified in OPTION:\*IDLGLOPTN.DAT (where \* is the branch code), and places them into an output file—IDLOUT:GOMmddyyyy0001.TXT (where *mmddyyyy* is today's date, and *0001* is the sequence number). The output file is placed in the IDLOUT: directory by the program, and from there it is transmitted via FTP, by CNTRL:IDFTPOUT.CTL, to the FTP Outbound Directory.

### Idealease 810 Outbound Invoice (ID810O)

**Idealease 810 Outbound Invoice (ID810O)** captures data from MASTER:PICKS.WRK to create 810 outbound invoices, which are placed in an output file—IDLOUT:ROMmddyyyy0001.TXT (where *mmddyyyy* is today's date and *0001* is the sequence number). The output file is placed in the IDLOUT: directory by the program, and from there it is transmitted via FTP, by CNTRL:IDFTPOUT.CTL, to the FTP Outbound Directory.

## CNTRL:IDFTPOUT.CTL

CNTRL:IDFTPOUT.CTL is a new control file for Idealease. It is submitted by **Idealease Outbound G/L Transactions (ID4100)** and **Idealease 810 Outbound Invoice (ID8100)**, and transmits files via FTP from the IDLOUT: directory on the Legend system to the FTP Outbound Directory.

The control file proceeds through the following steps.

Step 1. Checks for the existence of OPTION:\*IDLOPTN.DAT for your branch.

- If OPTION:\*IDLOPTN.DAT does not exist, the following message is written to the log and the control file ends: *OPTION:\*IDLOPTN.DAT was not found—Aborting!!!! Please create and populate this option file by running ID540.*
- If the file exists, CNTRL:IDFTPOUT.CTL verifies that the first three lines (FTP Host, FTP User Name, and FTP Password) all contain data.

If one of these lines is blank, the following mail message is sent to the e-mail address specified in OPTION:\*IDLOPTN.DAT line 7.

*OPTION:\*IDLOPTN.DAT is incomplete and no outbound FTP file transfers can be completed at this time.*

*Either the FTP Host, FTP Username, or FTP Password section of this option file is incomplete.*

*Please complete the option file via ID540 or contact the Vendor Communications Department at Karmak for assistance.*

Step 2. Looks for files in the IDLOUT: directory with a .TXT extension.

Step 3. Opens TEL:IDLFTP.DAT, which contains the commands to FTP the .TXT files.

- For each file found, a PUT command is added to the TEL:IDLFTP.DAT file.

Step 4. After all of the files have been found, they are transmitted to the FTP Outbound Directory.

If there is a problem with the FTP transfer, the following mail message is sent to the e-mail address specified in OPTION:\*IDLOPTN.DAT line 7.

*There was a problem with the outbound Idealease FTP file transfer.*

*Please check the log file or contact the Vendor Communications Department at Karmak for assistance.*

Step 5. After the files have been sent, CNTRL:IDFTPOUT.CTL copies the files to the IDLHIST: directory and deletes them from the IDLOUT: directory. It also deletes any files in the IDLHIST: directory older than 60 days.