

# VeriMove™

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Installation Guide for IBM i

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# Installing VeriMove

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## Before Installing VeriMove

Before you install VeriMove:

- You must have \*SECADM or \*SECOFR special authority to perform an installation. However, you do not need to be signed onto the system as QSECOFR.
- You must have your license type (Full, Limited, or End-User), Licensee ID (assigned by USPS), and company name at hand for entering during the installation.

You may be installing the Delivery Point Validation (DPV®), LACS<sup>Link</sup>®, Suite<sup>Link</sup>, and Early Warning System (EWS) databases as part of your External CASS™ product installation. USPS® regulations require Delivery Point Validation (DPV) processing, LACS<sup>Link</sup> processing, and Suite<sup>Link</sup> processing to generate the USPS Form 3553 (USPS CASS Summary Report). EWS processing is optional for all licensees.

## Installing the VeriMove Software from DVD

To install your VeriMove software from DVD (only available from the Pitney Bowes Software eStore for an additional fee), complete the following steps.

1. Sign onto the system with your own user profile.
2. Insert the VeriMove DVD into your optical drive. Enter the following command exactly as shown:

```
LODRUN DEV(DeviceName)
```

Where *DeviceName* is the name of the optical drive, such as “OPT01,” or “OPT02.”

The *Device Selection* screen displays.

## Device Selection

1. When the *Device Selection* screen (G1INST100) displays, enter or confirm the device name and the device type from which you are installing.

```
hh:mm:ss      Pitney Bowes Software - Application Installation      GUI
mm/dd/yyyy                Device Selection                        G1INST100

To begin the installation, please confirm the install source and press F6:

Device name . . . . . OPT01          Device name, *SAVF
Device type . . . . . OPT

-----
F3/12=Exit   F6=Continue
```

---

**i** If “DeviceName” of “\*SAVF” is specified, an additional field, “Save file library,” displays. Specify the library that contains the save files from which you are installing.

---

2. Press **F6** to confirm the install source and continue.

## Installing the VeriMove Software from DVD

3. The install source is scanned for products to be installed. The *Product Selection* screen (G1INST200) displays.

```
hh:mm:ss      Pitney Bowes Software - Application Installation      G1UI
mm/dd/yyyy                Product Selection                        G1INST200

Select the products you wish to install and press F6 to continue:
  1=select

 1 *PRD @@ G1SV@PGM  PB Software Global Library
 1 *PRD NL G1SVNLPGM VeriMove
 1 *HLP @@ G1SV@HLP  Global Library Help Text Folder
 1 *HLP NL G1SVNLHLP VeriMove Help Text Folder

                                                                 Bottom

-----
F3/12=Exit  F6=Continue
```

4. To prevent an item from being installed, remove the '1' next to the item as shown above.
5. Press **F6** to continue with the installation.



## Global Library Options

1. If you select the “PB Software Global Library,” the *Global Library Special Options* screen (G1INST300) displays.

```
hh:mm:ss      Pitney Bowes Software - Application Installation      GUII
mm/dd/yyyy      Global Library Special Options                    G1INST300

These steps are part of the Global Function library installation.

Select steps to be performed, press F6.
 1=Select

1 Create GROUP1USER user profile
1 Change initial program to GIMM00 for GROUP1USER
1 Grant *USE authority to CHGSYSLIBL *CMD for GROUP1USER
1 Add GROUP1USER to System Distribution Directory

-----
F3/12=Exit    F6=Continue
```

2. To prevent a step from being performed, remove the “1” next to the step.
3. Press **F6** to continue.

## Product Installation Options

1. The *Product Installation* screen (G1INST400) displays for each product you selected on the *Product Selection* screen (G1INST200).

```
hh:mm:ss      Pitney Bowes Software - Application Installation      G1UI
mm/dd/yyyy      Product Installation                               G1INST400

Installation details:

  Installing from . . . *SAVF

  Product ID/desc . . . @@ / Global Library
  Version on Media. . . NN.N

Enter product installation parameters, press F6.

  Install to library. . G1@@PGMS

-----
F3=Exit  F6=Continue
```

2. If the “Install to library” already exists, the “Backup library name” field will appear as shown in the example below. The library name is automatically generated as “G1yymmddnn,” where *yymmdd* is the current date, and *nn* is a sequential number.

```
hh:mm:ss      Pitney Bowes Software - Application Installation      G1UI
mm/dd/yyyy      Product Installation                               G1INST400

Installation details:


  Installing from . . . *SAVF

  Product ID/desc . . . NL / VeriMove
  Version on Media. . . NN.N

Enter product installation parameters, press F6.

  Global library. . . . ZMNLPGMS
  Install to library. . ZMNLPGMS * Same version already installed!
  Backup library name . G105012702
  Install IVP job?. . . Y          Y,N

-----
F3=Exit  F6=Continue
```

 If a warning in yellow appears on this screen, you must view the warning before you are allowed to proceed to the next screen.

If an error in red appears on this screen, you must resolve the condition causing the error before you are allowed to proceed.

---

3. To install the product, press **F6**.
4. If the *Locked Library* screen (G1INST401) displays, continue to the section **Locked Libraries**.
5. After installing the product, the *Product Installation* screen (G1INST400) displays for each remaining product.
6. After installing all products, the *Installation Complete* screen (G1INST999) displays.

## Locked Libraries

Follow the steps below to resolve a “Locked Libraries” condition.

1. If you are overlaying an existing installation, the library is checked for locks before installation begins. If locks are found, the *Locked Library* screen (G1INST401) displays.
2. You must clear the locks before you can continue the installation. Use a second session to run the command shown on the screen to determine which jobs are locking the library.
3. After releasing the locks, return to this session and press **F6** to continue.

## Completing the Installation

Follow these steps to complete your installation.

1. After completing the VeriMove installation, the *Edit CONFIG* screen (G1INST999) displays.
2. Enter the appropriate CONFIG file information on the *Edit CONFIG* screen. This information is stored in the CONFIG file.

```

Pitney Bowes Software - Application Installation      G1NLEDTCFG
Edit CONFIG                                          NLKCFG

Enter values for CONFIG file, press Enter:
NCOA Logging . . . . .
NCOA Platform ID . . . . . CGVM
NCOA License Type . . . . . 0 0=Full, 1=Limited, 2=End User
NCOALink Key . . . . . XXXX-XXXX-XXXX-XXXX XXXX-XXXX-XXXX-XXXX
Licensee . . . . . PITNEY BOWES SOFTWARE

Small Memory Model Enhancement . . . . . 0 0=Off, 1=On
Use High Memory? . . . . . N Y
Business Name Matching Enhancements? . . . . . 1 0=Off, 1=On

Interval: Move . . . . . 2 2      Interval: Input . . . . . 6 6
Interval: NCOA . . . . . 2 2      Interval: Output . . . . . 8 8

Queue Size: Move          5000 5000  Queue Size: Input          3000 3000
Queue Size: Job Input     3000 3000  Queue Size: NCOA . . . . . 4000 4000
Queue Size: Output . . . 3000 3000  NCOALink Queue . . . . . 3000 3000

Bottom

F3/F12=Cancel  F6=Save
    
```

- **NCOA Logging** — Turn the NCOA Logging feature on or off.
- **NCOA Platform ID** — Enter the ID supplied to you by the USPS.
- **NCOA License Type** — Enter the License Type supplied to you by the USPS.
- **NCOALink Key** — Enter the Key supplied to you by Pitney Bowes Software.
- **Licensee** — Enter the Licensee (Company) name associated to the Platform ID defined above.

You can use the default values for the remaining fields.


3. Press **F6** to save your changes and exit the install program.
4. Review the G1UILOG spoolfile. The G1UILOG is a log of steps taken by the install program.
5. You have successfully loaded your VeriMove software and are ready to load the databases. Go to **"Installing USPS Data" on page 20**.

## Installing the VeriMove Software from Internet Download

This section describes how to install your VeriMove software from the Internet. Before you begin, make sure no other applications are running. To install VeriMove from the Pitney Bowes Software Technical Support web site at <http://www.g1.com/support>., follow the steps below:

1. Download the ZIP file from the Pitney Bowes Software web site to your PC.
2. Extract these files from the ZIP file:
  - G1SV@@HLP
  - G1SV@@PGM
  - G1SV1NSTL
  - G1SVNLPGM
3. Sign on to the system with your user profile.

---

 You do not need to be signed onto the system as QSECOFR to perform an installation. However, you must have \*SECADM or \*SECOFR special authority.

---

4. On the IBM i machine command line, type:  
`CRTLIB G1INSTALL`
5. If G1INSTALL already exists, type:  
`CLRLIB G1INSTALL`
6. Create a save file for each of the extracted files. For example, for the G1SV@@HLP file, type:  
`CRTSAVF G1INSTALL/G1SV@@HLP`

Repeat for each of the files.

7. From the PC where you downloaded the ZIP file, FTP the files you extracted to the corresponding save files that you just created. Be sure to transfer the files in binary mode.
8. At the IBM i command line, type:  
`RSTOBJ OBJ(*ALL) SAVLIB(QTEMP) DEV(*SAVF) SAVF(G1INSTALL/G1SVINSTL)`

Or, if you prefer to prompt (**F4**) the RSTOBJ command, enter the appropriate information on the *Restore Object* screen.

9. When the command completes, the following message displays:  
n objects restored from QTEMP to QTEMP

...where **n** is a varying number.

10. To start the install program, type:  
`CALL G1UI *SAVF`  
The *Device Selection* screen displays.

## Device Selection

1. When the *Device Selection* screen (G1INST100) displays, enter or confirm the device name and the device type from which you are installing.

```
hh:mm:ss      Pitney Bowes Software - Application Installation      G1UI
mm/dd/yyyy                    Device Selection                    G1INST100

To begin the installation, please confirm the install source and press F6:

Device name . . . . . OPT01      Device name, *SAVF
Device type . . . . . OPT
```

---

```
F3/12=Exit   F6=Continue
```

---

**i** If “DeviceName” of “\*SAVF” is specified, an additional field, “Save file library,” displays. Specify the library that contains the save files from which you are installing.

---

2. Press **F6** to confirm the install source and continue.

3. The install source is scanned for products to be installed. The *Product Selection* screen (G1INST200) displays.

```
hh:mm:ss      Pitney Bowes Software - Application Installation      G1UI
mm/dd/yyyy                Product Selection                        G1INST200

Select the products you wish to install and press F6 to continue:
  1=Select

  1 *PRD @@ G1SV@@PGM  PB Software Global Library
  1 *PRD NL G1SVNLPGM  VeriMove
  1 *HLP @@ G1SV@@HLP  Global Library Help Text Folder
  1 *HLP NL G1SVNLHLP  VeriMove Help Text Folder

                                                                 Bottom

-----
F3/12=Exit  F6=Continue
```

4. To prevent an item from being installed, remove the '1' next to the item as shown above.
5. Press **F6** to continue with the installation.

## Global Library Options

1. If you select the “PB Software Global Library,” the *Global Library Special Options* screen (G1INST300) displays.

```
hh:mm:ss      Pitney Bowes Software - Application Installation      G1UI
mm/dd/yyyy      Global Library Special Options                    G1INST300

These steps are part of the Global Function library installation.

Select steps to be performed, press F6.
1=Select

1 Create GROUP1USER user profile
1 Change initial program to G1MM00 for GROUP1USER
1 Grant *USE authority to CHGSYSLIBL *CMD for GROUP1USER
1 Add GROUP1USER to System Distribution Directory

-----
F3/12=Exit   F6=Continue
```

2. To prevent a step from being performed, remove the “1” next to the step.
3. Press **F6** to continue.



## Product Installation Options

1. The *Product Installation* screen (G1INST400) displays for each product you selected on the *Product Selection* screen (G1INST200).

```
hh:mm:ss      Pitney Bowes Software - Application Installation      G1UI
mm/dd/yyyy      Product Installation                                G1INST400

Installation details:

  Installing from . . . *SAVF

  Product ID/Desc . . . @@ / Global Library
  Version on Media. . . NN.N

Enter product installation parameters, press F6.

  Install to library. . G1@PGMS

-----
F3=Exit  F6=Continue
```

2. If the “Install to library” already exists, the “Backup library name” field will appear as shown in the example below. The library name is automatically generated as “G1yymmddnn,” where *yymmdd* is the current date, and *nn* is a sequential number.

```
hh:mm:ss      Pitney Bowes Software - Application Installation      G1UI
mm/dd/yyyy      Product Installation                                G1INST400

Installation details:


  Installing from . . . *SAVF

  Product ID/Desc . . . NL / VeriMove
  Version on Media. . . NN.N

Enter product installation parameters, press F6.

  Global library. . . . ZMNLPGMS
  Install to library. . ZMNLPGMS * Same version already installed!
  Backup library name . G105012702
  Install IVP job?. . . Y          Y,N

-----
F3=Exit  F6=Continue
```

 If a warning in yellow appears on this screen, you must view the warning before you are allowed to proceed to the next screen.

If an error in red appears on this screen, you must resolve the condition causing the error before you are allowed to proceed.

---

3. To install the product, press **F6**.
4. If the *Locked Library* screen (G1INST401) displays, continue to the section **Locked Libraries**.
5. After installing the product, the *Product Installation* screen (G1INST400) displays for each remaining product.
6. After installing all products, the *Installation Complete* screen (G1INST999) displays.

### Locked Libraries

Follow the steps below to resolve a “Locked Libraries” condition.

1. If you are overlaying an existing installation, the library is checked for locks before installation begins. If locks are found, the *Locked Library* screen (G1INST401) displays.
2. You must clear the locks before you can continue the installation. Use a second session to run the command shown on the screen to determine which jobs are locking the library.
3. After releasing the locks, return to this session and press **F6** to continue.

## Completing the Installation

Follow these steps to complete your installation.

1. After completing the VeriMove installation, the *Edit CONFIG* screen (G1INST999) displays.
2. Enter the appropriate CONFIG file information on the *Edit CONFIG* screen. This information is stored in the CONFIG file.

```

Pitney Bowes Software - Application Installation          G1NLEDTCFG
Edit CONFIG                                             NLKCFG

Enter values for CONFIG file, press Enter:
NCOA Logging . . . . .
NCOA Platform ID . . . . . CGVM
NCOA License Type . . . . . 0 0=Full, 1=Limited, 2=End User
NCOALink Key . . . . . xxxx-xxxx-xxxx-xxxx  xxxx-xxxx-xxxx-xxxx
Licensee . . PITNEY BOWES SOFTWARE

Small Memory Model Enhancement . . . . . 0 0=Off, 1=On
Use High Memory? . . . . . N Y
Business Name Matching Enhancements? . . . . . 1 0=Off, 1=On

Interval: Move . . . . . 2 2      Interval: Input . . . . . 6 6
Interval: NCOA . . . . . 2 2      Interval: Output . . . . . 8 8

Queue Size: Move          5000 5000   Queue Size: Input          3000 3000
Queue Size: Job Input     3000 3000   Queue Size: NCOA . . . . . 4000 4000
Queue Size: Output . . . 3000 3000   NCOALink Queue . . . . . 3000 3000

Bottom

F3/F12=Cancel  F6=Save
```

- **NCOA Logging** — Turn the NCOA Logging feature on or off.
- **NCOA Platform ID** — Enter the ID supplied to you by the USPS.
- **NCOA License Type** — Enter the License Type supplied to you by the USPS.
- **NCOA<sup>Link</sup> Key** — Enter the Key supplied to you by Pitney Bowes Software.
- **Licensee** — Enter the Licensee (Company) name associated to the Platform ID defined above.

You can use the default values for the remaining fields.

3. Press **F6** to save your changes and exit the install program.
4. Review the G1UILOG spoolfile. The G1UILOG is a log of steps taken by the install program.
5. You have successfully loaded your VeriMove software and are ready to load the databases. Go to **"Installing USPS Data" on page 20**.

## Installing USPS Data

The following table summarizes the VeriMove database requirements.

**VeriMove Databases, Delivery Methods and Update Requirements**

Database	Delivery Method/Source	Req/Opt	Updates
NCOA <sup>Link</sup> Datasets	DVD/USPS	Required for all licensees	Monthly or weekly (depending on license level)
NCOA <sup>Link</sup> - Daily Deletes	Download from USPS website	Required for all licensees	Daily

## Installing the NCOA<sup>Link</sup> Database

The NCOA<sup>Link</sup> database, distributed by the USPS, is delivered on DVD. This database can be loaded directly on your IBM i machine if your IBM i machine has a DVD drive. Otherwise, a Windows machine can be used to run the explode.bat script, and the resulting files can be uploaded to your IBM i machine. The two methods available for loading the NCOA<sup>Link</sup> database are:

- If you have a DVD drive, you can use the Explode.bat screens described below to install the NCOA<sup>Link</sup> database directly from your IBM i DVD drive. For more information, refer to ["Installing the NCOA<sup>Link</sup> Database Using the IBM i DVD Drive" on page 20](#).
- If you do not have a DVD drive, you can use the manual method to install the NCOA<sup>Link</sup> database using a PC with a DVD drive. For more information, refer to ["Installing the NCOA<sup>Link</sup> Database Using Windows With a DVD Drive" on page 28](#).

### Installing the NCOA<sup>Link</sup> Database Using the IBM i DVD Drive

The Explode process uses the USPS DVDs to produce a ready-to-use native database library. To install the NCOA<sup>Link</sup> Database directly from the USPS DVDs, follow these steps.

1. Start VeriMove on your IBM i machine.

2. From the *Work With Jobs* screen, press **F20**. The *Database Functions* screen displays.

```

hh:mm:ss                      VeriMove                      NLCPDB00
mm/dd/yyyy                    Replace with screen heading desired  NLCPDB01
                                Database Functions                      R1s NN.N

Select one of the following:

    1. Install Database from IFS
    2. Install Daily Delete file from IFS
    3. Explode DB from USPS DVD

    8. Change default Database Library

Option

F3=Exit
  
```

3. Select **3. Explode DB from USPS DVD**. The *Explode DVD Loader* screen displays.

```

hh:mm:ss                      VeriMove                      NLCPEX00
mm/dd/yyyy                    Replace with screen heading desired  NLCPEX01
                                Explode DVD Loader                      R1s NN.N

Specify installation parameters, press F6:

Note: Installation of an NCOALink database may require up to 20GB of
free space on your system.

Target DB Library Name . . . . NLDBZM
Temporary IFS Folder Name . . /VeriMovedBLoadTemp

IFS Path to DVD 1 . . . . . /QOPT/18 MONTH DATA D1
IFS Path to DVD 2 . . . . . /QOPT/18 MONTH DATA D2

Turbo Mode . . . . . Y, N
After loading both DVDs, turbo mode selects the defaults for you.

-----
F3=Exit  F6=Continue                      F12=Skip
  
```

- **Target DB Library Name** — Enter the target database library name.
- **Temporary IFS Folder Name** — Enter the name of the a "temp" folder to use during the installation.

## Installing the NCOALink Database

---

- **IFS Path to DVD 1** — Enter the path to the first USPS DVD.
- **IFS Path to DVD 1** — Enter the path to the second USPS DVD.
- **Turbo Mode** — After loading both DVDs, indicate whether to use the explode DVD process default values.
  - To use the explode DVD process default values, enter “Y”.
  - If you do not want to use the explode DVD process default values, enter “N”.
- 4. Press **F6** to continue. The message "Please load DVD 1 or correct path" displays.
- 5. Load the first DVD or correct the path to the first DVD specified in **IFS Path to DVD 1**.
- 6. After loading the first DVD, the message "Please load DVD 2 or correct path" displays. Load the second DVD or correct the path to the second DVD specified in **IFS Path to DVD 2**.
- 7. After loading the second DVD, the *Explode DVD Loader — Copying Files* screen displays.

```
hh:mm:ss                VeriMove                CPEX00
mm/dd/yyyy              Replace with screen heading desired        NLCPEX25
                                                                R1S NN.N

Specify installation parameters, press F6:

Various data files are about to be copied between the temporary IFS folder:
  /VeriMoveDBLoadTemp
And the native library:
  NLPGMS

When ready, press F6 to continue.

-----
F3=Skip  F6=Continue
```

8. Press **F6** to begin copying the data files. After the files are copied to the temporary IFS folder, the *Explode DVD Loader — Unzipping Files* screen displays.

```
hh:mm:ss                VeriMove                NLCPEX00
mm/dd/yyyy             Replace with screen heading desired  NLCPEX30
                        Explode DVD Loader  R1s NN.N

Specify installation parameters, press F6:

About to Unzip files in the temporary IFS folder:
/VeriMoveFlat

Press F6 to continue.

-----
F3=Skip  F6=Continue
```

Explode DVD Loader Screen – Unzipping Files

9. Press **F6** to unzip the files in the temporary IFS folder:  
/VeriMoveFlat  
After unzipping the files, press **F6** to continue. The *Explode DVD Loader — Expanding Files* screen displays.

```
hh:mm:ss                VeriMove                CPEX00
mm/dd/yyyy             Replace with screen heading desired  NLCPEX32
                        Explode DVD Loader  R1s NN.N

Specify installation parameters, press F6:

SZP files are about to be expanded in the temporary IFS folder:
/VeriMoveDBLoadTemp
This is a long-running process.

When ready, press F6 to continue.

-----
F3=Skip  F6=Continue
```

10. Press **F6** to expand the SZP files into the /VeriMoveDBLoadTemp folder. This process may take additional time. After the files have been expanded into the /VeriMoveDBLoadTemp folder, the *Explode DVD Loader — Converting File Format* screen displays.

```
hh:mm:ss                VeriMove                CPEX00
mm/dd/yyyy              Replace with screen heading desired  NLCPEX34
                        Explode DVD Loader  R1s NN.N

Specify installation parameters, press F6:

These files are about to be converted to PB format in the temporary IFS folder:
/VeriMoveDBLoadTemp

crd.dat
dsc.dat
lln.dat
nam.dat
pno.dat
sno.dat
suf.dat

When ready, press F6 to continue.

-----
F3=Skip  F6=Continue
```

11. Press **F6** to begin the process of converting the expanded files to the VeriMove format. After converting the files, the *Explode DVD Loader — Verifying File Signatures* screen displays.

```
hh:mm:ss                VeriMove                CPEX00
mm/dd/yyyy              Replace with screen heading desired  NLCPEX36
                        Explode DVD Loader  R1s NN.N

Specify installation parameters, press F6:

Data file signatures are about to be verified

This is a long-running process.

When ready, press F6 to continue.

-----
F3=Skip  F6=Continue
```



12. Press **F6** to verify the data file signatures. This process may take additional time.
13. If the system detects a Flat File database, the *Explode DVD Loader — Specifying Flat File Format* screen displays.

```
hh:mm:ss                VeriMove                NLCPEX00
mm/dd/yyyy             Replace with screen heading desired  NLCPEX50
                                Explode DVD Loader                R1s NN.N

Specify installation parameters, press F6:

Flat File Database Detected:

Create A-Z flat file DB? . . . Y   Y, N

-----
F3=Skip  F6=Continue
```

## Installing the NCOALink Database

---

### 14. Specify your flat file format:

- To create the 26 flat file A-Z database, enter **Y**.
- If you do not want to create the 26 flat file A-Z database, enter **N**.

After specifying your flat file format, press **F6** to continue. The *Explode DVD Loader — File Transfer* screen displays.

```
hh:mm:ss                VeriMove                CPEX00
mm/dd/yyyy             Replace with screen heading desired  NLCPEX60
                                Explode DVD Loader                R1S NN.N

Specify installation parameters, press F6:

About to copy files from the temporary IFS folder:
  /VeriMoveDBLoadTemp
To the native library:
  NLDB

When ready, press F6 to continue.

-----
F3=Skip  F6=Continue
```

15. Press **F6** to transfer the temporary IFS files into the native database files. After transferring the files, the *Explode DVD Loader — Deleting Temporary Folder* screen displays.

```
hh:mm:ss                VeriMove                CPEX00
mm/dd/yyyy              Replace with screen heading desired  NLCPEX99
                        Explode DVD Loader  R1s NN.N

Specify installation parameters, press F6:

About to delete temporary IFS folder:
/VeriMoveDBLoadTemp

When ready, press F6 to continue.

-----
F3=Skip  F6=Continue
```

16. Press **F6** to delete the temporary folder. After deleting the temporary folder, the native database library is ready for use.

## Installing the NCOALink Database Using Windows With a DVD Drive

To install the NCOALink databases by manually editing the Explode.bat file, browse to the location where you installed the VeriMove GUI and go to the Tables subfolder. For example, C:\PB\VeriMove\Tables. Follow the steps below.


1. Edit the explode.bat file as follows:

- Change SET DVDSPATH=XXXXX to the path to your DVD drive. For example, if your DVD drive is drive E:, you would specify DVDSPATH=E:.
- Change SET DVDDESTINATION=XXXXX to the path where you want to install the NCOALink data. For example, if you wanted to install the data to D:\USPSDATA you would specify DVDDESTINATION=D:\USPSDATA. This folder is created automatically if it does not already exist.

The last items only affect Flat File databases and are otherwise ignored.

- Change Set FLATSINGLE=N to Y if you are using the Single Flat File database.
- Change Set FLATATOZ=Y to N if you set FLATSINGLE=Y and do not also want to use the 26 Flat File A-Z database.

---

 A USPS utility is used to decompress some of the files supplied by the USPS on the DVDs. This utility does not function properly if DVDDESTINATION contains any spaces.

---

2. Save and close explode.bat under a new name (i.e., myexplode.bat) that will not be overwritten by future updates and installations. The actual work is done by explode\_query.bat, which is called from myexplode.bat.

3. Double-click the **myexplode.bat** file which opens a DOS window:

```
*****  
NCOALink Database Installation Script.  
*****
```

This script installs an NCOALink database from two DVDs onto your hard drive. This can require up to 20 GBytes of free space on your hard drive.

4. The following displays:

```
Folder dvddestination is about to be loaded from the  
NCOALink database found on DVD dvdpath  
*****  
WARNING -- If you proceed from this point, all data in  
folder dvddestination will be erased first. You may type  
Control-C to abort this process now without erasing anything.  
*****
```

The warning above only displays if the destination folder contains data.

5. The following message displays:

```
Insert NCOA Link data DVD 1 from the USPS into Drive dvdpath  
Press any key to continue  
  
Copying DVD 1 (dvdpath) to dvddestination  
DVD 1 copy complete.  
Insert NCOA Link data DVD 2 from the USPS into Drive dvddestination  
Press any key to continue
```

Copying DVD 2 (*dvddestination*) to *dvdpath*  
DVD 2 copy complete.

6. After both DVDs have been copied, the .zip (zipped) files are automatically expanded. The .szp (USPS-compressed) files are then expanded. Afterward, a series of preprocesses and tests are performed. If there are errors, one of the following messages displays:

```
**** FILE NOT FOUND: filename
**** ERROR COPYING FILE: filename
**** ERROR PROCESSING FILE: filename
**** ERROR: message
```

This message will be followed by:

```
FAILURE!!!
Press any key to continue
```

7. If the message indicates that there is a file in the VeriMove installation folder, then there was a problem with your VeriMove installation. If the error involves copying a file from the DVD, then you may have a bad DVD or your DVD drive may be unable to properly handle this type of DVD. A process called "TestFileSha" produces a file called TablesTestFileSha.log in the parent folder of the folder containing these scripts. This file contains detailed descriptions of the tests performed and any errors that have occurred. If an error occurs, the following message displays:

```
**** ERROR: Verifying Data File Signatures
```

If you get this message, the data files indicated in the log file were corrupted and you may have a bad DVD or DVD drive. This error is specific to data on the DVD or to "read" problems with the DVD. You may need to request replacement production DVD datasets from USPS NCOA<sup>Link</sup> support.

8. If there are no problems with these various processes and tests, the following message displays:

```
SUCCESS!!!
Press any key to continue
```

## Completing the Installation When Using Windows with a DVD Drive

After you execute explode.bat, follow these instructions:

1. Map a drive from the PC to the IFS.
2. Create a folder on the IFS, such as /VeriMoveTemp. Copy the exploded data and/or the Daily Delete file to that folder.
3. Start VeriMove on your IBM i machine.
4. From the *Work With Jobs* screen, press **F20** for **Database Functions**. The *Database Functions* screen displays.

```
hh:mm:ss                               VeriMove                               NLCPDB00
mm/dd/yyyy                             Replace with screen heading desired   NLCPDB01
                                         Database Functions                     R1S NN.N

Select one of the following:

    1. Install Database from IFS
    2. Install Daily Delete file from IFS
    3. Explode DB from USPS DVD

    8. Change default Database Library

Option

-----
F3=Exit
```

5. Select option 1, **Install Database from IFS**. The *Database Functions Screen — Install Database from IFS* screen displays.

```
VeriMove                               NLCPDB00
Replace with screen heading desired     NLCPDB01
Job MYJOB                               RIs NN.N
Database Functions

Enter database installation options, press Enter.

To install a new database, first run explode.dat, then copy the resulting
files to a folder on the IFS.

Source IFS folder . . .                 Like: /VeriMoveTemp
Target library . . . .

Existing files in Target library will be replaced!

Press F6 to install the files from the IFS to the Target library. A job
called INSTDB will be submitted to batch. When the process completes, the
files on the IFS may be deleted.

-----
F3=Exit  F6=Execute
```

- a. Enter the **Source IFS folder**, such as /VeriMoveTemp. This is the folder created in step 2.
  - b. Enter the **Target library**, such as **VeriMoveDB**. This native library will be created if it does not exist.
  - c. Press **F6** to install the files. A job called INSTDB will be submitted to batch. When the batch job completes, display the job log to verify that the files were copied successfully.
6. After completing the installation, you can delete the IFS folder created in step 2.

## Installing the Daily Delete File

Follow these steps to install the Daily Delete File.

1. From the *Work With Jobs* screen, press **F20** for **Database Functions**.

```
hh:mm:ss                      VeriMove                      NLCPDB00
mm/dd/yyyy                    Replace with screen heading desired NLCPDB01
                                Database Functions                R1S NN.N

Select one of the following:

    1. Install Database from IFS
    2. Install Daily Delete file from IFS
    3. Explode DB from USPS DVD

    8. Change default Database Library

Option

-----
F3=Exit
```

2. Select **2. Install Daily Delete file from IFS**. The *Database Functions* screen for installing the Daily Delete File displays.

```
Job MYJOB                      VeriMove                      NLCPDB00
                                Replace with screen heading desired NLCPDB01
                                Database Functions                R1S NN.N

Enter database installation options, press Enter.

To install a new daily delete file, copy it to a folder on the IFS.

Source IFS folder . . . . . Like: /VeriMoveTemp
Target library . . . . .

Existing files in Target library will be replaced!

Press F6 to install the files from the IFS to the Target library. A job
called INSTDD will be submitted to batch. When the process completes, the
files on the IFS may be deleted.

-----
F3=Exit  F6=Execute
```



- a. Enter the **Source IFS folder**, such as /VeriMoveTemp.
  - b. Enter the **Target library**, such as VERIMOVEDB. This native library will be created if it does not exist.
  - c. Press **F6** to install the Daily Delete File. A job called INSTDD will be submitted to batch. Display the job log of the batch job to verify that the files were copied successfully.
3. After completing the installation, you can delete the IFS folder created in step 2.



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