

PER/RDI

Installation and Use

PER/RDI is a software product which works in conjunction with our **PER/DPV** solution and our **PER/ZIP4 CASS™** (Coding Accuracy Support System) Certified postal coding system. Utilizing USPS® RDI data, **PER/RDI** provides **PER/ZIP4** the ability to return a Residential Delivery Indicator (RDI™) while processing your addresses.

When you purchase a **PER/DPV** license, **PER/RDI** is available to you at no additional charge. However, to activate **PER/RDI**, you must obtain a license for the RDI data directly from the U.S. Postal Service®. Additional forms and instructions have been provided to assist you in licensing the RDI data.

PER/RDI can provide RDI results via all three **PER/ZIP4** interfaces. These include the interactive (**PER/ZIP4** menu option 3) interface, the batch processing interface, and the callable program (API) interface.

Loading PER/RDI

When you install **PER/DPV**, all **PER/RDI** program objects are also loaded. There are no additional instructions for loading the **PER/RDI** software.

However, the **PER/RDI** software is not activated until both:

- A. A temporary or permanent password is entered to unlock **PER/RDI**.

AND

- B. A license for the RDI data is obtained from the U.S. Postal Service and the RDI data is loaded onto your iSeries (AS/400) following the instructions below.

Loading the USPS RDI data

- The **PER/ZIP4** system (and **PER/SORT**, if installed) must not be in use.
- Sign off and sign on again to insure a "clean session".
- You must be signed on as security officer.
- Please be sure that QTEMP is in your library list.
- Load the USPS RDI data CD-ROM.

- Go to the PER/ZIP4 Menu by typing the following command:
STRPERZIP4 and pressing ENTER.
- While on the PER/ZIP4 Menu, type the following command to load the USPS RDI data:
PERLODRDI and press ENTER.
- Once the USPS RDI data is loaded, a message will appear at the bottom of your display indicating that the RDI data loaded successfully. **PER/RDI** is then ready for use.

**** Note:** All loaded products including **PER/ZIP4**, **PER/SORT** (if applicable), **PER/DPV**, **PER/RDI**, and the USPS RDI data must be synchronized to the same month's data. In other words to use the May 2006 version of **PER/RDI**, you must have loaded the May 2006 versions of **PER/ZIP4**, **PER/DPV**, and the USPS RDI data.

For this reason, if you are using **PER/RDI**, you should refrain from loading any **PER** product updates until you receive your monthly USPS RDI data update from the U.S. Postal Service.

If you receive your monthly USPS RDI data update from the U.S. Postal Service before receiving updates for your **PER** products, you can go ahead and load the new RDI data. **PER/RDI** will continue using the previous month's data until the corresponding **PER/RDI** update is loaded.

PER/ZIP4 Interactive Postal Coding

When **PER/RDI** is installed and activated you will see an additional output field on the interactive **PER/ZIP4** screen. The new field is:

1. RDI

Y = address is a residence

N = address is not a residence (it is a business)

PER/ZIP4 Batch Processing

When **PER/RDI** is installed and activated you will see an additional field available on your **PER/ZIP4** file definitions (third screen). This new field is used to output RDI data during normal **PER/ZIP4** batch processing. If you intend for **PER/ZIP4** batch processing to output RDI data, you must update your **PER/ZIP4** file definitions to indicate where the new data should be stored within your records.

The length of the new file definition field is as follows:

- **Residential Delivery Indicator** - Field length = 01

PER/ZIP4 Callable Program (API) Interface

With PER/RDI installed and activated, PER/ZIP4 can also return RDI data via its callable program (API) interface. Previously, the callable programs ML2194 and ML219401 were used to validate and standardize a single address. Now, in addition to these programs, a new callable program (ML219402) is available.

The new callable program ML219402 will return the same information you may currently be receiving from ML2194 and ML219401 plus several additional parameters including a parameter containing RDI data.

Complete documentation and sample code for using the new callable program ML219402 can be found in the member ML2194.RPG in the source file MLLIBR/QSMPLSRC.

Important Facts about RDI

Although the USPS uses the term Residential Delivery Indicator (RDI), the software and data are used to identify businesses. Therefore, any address not identified as a business by the USPS, by default, is identified as a residence.

Due to restrictions on the type of information that can be released regarding Post Office Boxes, RDI data does not distinguish between residential and business Post Office Boxes. Consequently, all Post Office Boxes are identified as residential.

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