

# Retek® Price Management 10.0



## Addendum to Installation Guide and Operations Guide



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- Detailed step by step instructions to recreate.
- Exact error message received.
- Screen shots of each step you take.



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## Chapter 1 – Installation Guide

Modify the section(s) of the Installation Guide as noted in this chapter.

### Populating RPM data

The section "Populate RPM Data" in Chapter 2, directs the reader to run @rpm10.sql. Run the following SQL statement after rpm10.sql:

```
INSERT INTO RPM_CORP (DFT_PG, DFT_SALES_CALC, COST_CALC,  
DFT_AGG_LVL, LEAD_ITEM_TYPE, DFT_PS_TYPE, UPD_ITEM_ATTR)  
VALUES (null, 1, 1, 1, 0, 4, 1);
```





## Chapter 2 – Operations Guide

This chapter clarifies or supplements sections of the Operations Guide that describe:

- Security
- Post-installation operation instructions for use of front-end batch, setup of the classpath variable, and synchronization of RPM's snapshot scheduler with the RMS system date (Vdate)

### Security

RPM security depends upon how users and groups are defined with RMS. RPM references the following RMS security tables:

- SEC\_USER\_PRIVS
- SEC\_USER\_ZONE\_MATRIX
- SEC\_USER\_PROD\_MATRIX
- SEC\_USER\_GROUP
- SEC\_GROUP\_PROD\_MATRIX
- SEC\_GROUP\_ZONE\_MATRIX

These rules apply to securing access in RPM:

If a user is marked as a full access user in SEC\_USER\_PRIVS, he or she can view any RMS-supplied data.

If a user does not have full access, the following rules apply:

- For a user to access a department he or she needs to be a member of a group (user ID in SEC\_USER\_GROUP) and have the UPDATE\_IND = 'Y' in SEC\_GROUP\_PROD\_MATRIX, for that department
- For a user to access a class he or she needs to be a member of a group (user ID in SEC\_USER\_GROUP) and have the UPDATE\_IND = 'Y' in SEC\_GROUP\_PROD\_MATRIX, for that class
- For a user to access a price zone group he or she needs to be a member of a group (user ID in SEC\_USER\_GROUP) and have the UPDATE\_IND = 'Y' in SEC\_GROUP\_ZONE\_MATRIX, for that price zone group
- For a user to access a price zone he or she needs to be a member of a group (user ID in SEC\_USER\_GROUP) and have the UPDATE\_IND = 'Y' in SEC\_GROUP\_ZONE\_MATRIX, for that price zone
- For a user to be authorized to use RPM windows, he or she must have either full access or have SEC\_USER\_PROD\_MATRIX.COLUMN\_CODE = 'PPRC' or SEC\_USER\_ZONE\_MATRIX.COLUMN\_CODE = 'ZPRC'

### Post-installation operations

This section describes how to:

- Copy the security handler class file
- Run the front-end batch, after installation and during aggregation snapshots
- Synchronize the scheduler to RMS' system date (Vdate)

#### Copy the security handler class file

**Note:** To obtain the files discussed in this section, contact Retek Customer Support Level II.

After you complete your installation of RPM and before you run the application and its front-end batch `FrontEnd.class`, copy the file `OracleSecurityHandler.class` to the following path and directory folder:

```
classes\com\retек\rpm\dao\db\oracle
```

Copy the source file `OracleSecurityHandler.java` to this path and directory folder:

```
src\com\retек\rpm\dao\db\oracle
```

**Note:** Because the class file is provided, you do not need to compile the .java source file.

#### Run front-end batch

RPM's front-end batch (`FrontEnd.class`) needs to run in two situations:

- After completion of the RPM installation in order to populate two RPM tables
- During RPM's scheduled snapshot to populate the pricing worksheet

## Set up the classpath

In order for the system to find RPM's class libraries, you need to know the classpath and set it up. The classpath is an environmental variable that tells the Java virtual machine and RPM where to find the class libraries, including user-defined class libraries, like FrontEnd.class.

There are two options for setting classpath:

- 1 Set the classpath as an environment variable. This option is the most desirable. The following is an example of how you may set your classpath:

```
/somedir/oc4j_rpm101int/j2ee/home/rpm10int-
application/rpm/WEB-
INF/classes:/somedir/oc4j_rpm101int/j2ee/home/rpm10int-
application/rpm/WEB-INF/lib/jdbc2_0-
stdext.jar:/somedir/oc4j_rpm101int/j2ee/home/rpm10int-
application/rpm/WEB-
INF/lib/classes12.jar:/somedir/oc4j_rpm101int/j2ee/home/
rpm10int-application/rpm/WEB-
INF/lib/log4j.jar:/somedir/oc4j_rpm101int/j2ee/home/rpm1
0int-application/rpm/WEB-INF/lib/struts.jar
```

**Note:** You must modify the classpath in option one to match the setup on your system.

- 2 Run the classpath from the command line along with the front-end batch statement. This option would involve entering the classpath (as in the first option) and appending the command line information for front-end batch in the next section, "Run front-end batch after installation".

## Run front-end batch after installation

Before you start RPM, run the FrontEnd command with the 'pop' option. This ensures that RPM tables RPM\_DEPS and RPM\_SYS\_OPT are populated with data. From the command line, enter the following:

```
java com.retek.rpm.batch.FrontEnd pop
```

**Note:** The Operations Guide lists the RMS tables from which RPM extracts data, the RPM classes and methods that contain the SQL statements used in the extraction, and the RPM tables that are populated with the data. See the section "RPM classes and methods for RMS data interaction" in Chapter 3 of the Operations Guide.

## Run front-end batch during snapshot

The section supplements "Item extraction process" in Chapter 2 of the Operations Guide by describing how front-end batch runs as part of a scheduled aggregation snapshot including the pre-dependencies to running front-end batch.

In order to extract RMS item data into RPM tables, start the RPM application. After starting RPM and setting up security, set up schedules and pricing strategies. See the RPM 10.0 User's Guide to learn how to perform these tasks.

## Synchronize scheduler to RMS system date

The schedule should be created with a Start Date that matches the RMS system date, called the “Vdate”. Vdate is held as a column on the RMS table PERIOD. The value in the VDATE column is updated at the completion of the nightly batch process run to ensure that all transactions processed in a single run reference the same day in the system. Synchronizing the schedule Start Date to the Vdate ensures that whenever the batch FrontEnd runs, it knows that this is a new schedule.

If the dates are not synchronized, two possibilities can result. First, whenever the Vdate is before the schedule’s Start Date or after the End Date, RPM interprets this to mean that there is no schedule to work with.

Second, if the Vdate is between the schedule’s Start Date and End Date, RPM interprets this to mean that this is an update of RPM (if there were previously no items in RPM, no updates are required).

After set-up of your schedules and pricing strategies, run FrontEnd with no parameters. If run from a command line, enter the following:

```
java com.retek.rpm.batch.FrontEnd
```

**Note:** You can run FrontEnd from any batch process you may already have. Also, ensure that the classpath is set in your environment. See the previous section “Set up the classpath”.

After running FrontEnd as described, you should see items populated to RPM's Pricing Worksheet.

See the following guides for additional information about setting up schedules and pricing strategies:

- RPM 10.0 User Guide
- RPM 10.0 Operations Guide, “Price setup” section