Quadrant RASWIN Release Notes – 12/07/2014 – Version 1.0.4484 or later

1. The program now moves logfiles older than 31 days from the **`c:\programdata\quadrant\logfiles`** directory to a new subdirectory called **`c:\programdata\quadrant\logfiles\saved_log_files`** when it starts up. This is done to reduce the number of logfiles in main directory and speed up start up time.

2. When you choose the 'export table data' option the tables you select to export are stored in the c:\programdata\quadrant\export directory. Then when you select SEND FILES the files are now placed into a single ZIP file to reduce the size of the file that will be sent to Quadrant's FTP site and thus the time needed to send it.

3. When you send files to Quadrant's FTP server the program now attempts to send an email notification to Quadrant's standard email account (quadrant.systems@gmail.com) so we know that files have been sent. In our testing this works correctly but it whether it will work from within your local network and security environment remains to be seen on a case-by-case basis.

4. A few releases ago we made a change to printing routines related to document validations and check endorsements. The change was to use the same PREFIX and SUFFIX values before and after sending the text of the validation or endorsement to the printer. These settings (default values) are:

MISC_PARM	TEXT_VALUE
DOC-VAL-PREFIX	<INIT><VALIDATION-MODE><EXTRA-BLANKS>
DOC-VAL-SUFFIX	<EJECT-FORM><OPEN-ROLLERS><INIT>

The program would force the values to be set to these settings even if you changed them. We have slightly change this behavior so that if these settings need to be changed the program will not force them back to the default values.

We have added a new pair of values for check endorsements. They are as shown below, will be created automatically if they do not exist in your system first time it tries to endorse a check.

MISC_PARM	TEXT_VALUE
CHECK-VAL-PREFIX	<INIT><VALIDATION-MODE><EXTRA-BLANKS>
CHECK-VAL-SUFFIX	<EJECT-FORM><OPEN-ROLLERS><INIT>

As with the document validation suffix can prefix values you can modify these to cause the printer behavior to be different if necessary.

5. If you are using credit card processing via the PCcharge third-party application, a few changes to the way we handle password storage and processing have been made. The information below describes these changes and recaps way the password must be set up and maintained. Most of this is not new but we have just included here for completeness.

   When multiple workstations are sharing a single copy of PC charge each workstation must have its own defined user ID. The initial user ID that is created for PC charge is always USER1, however it is possible to set up additional users for additional registers with the multiuser version of PC charge. Normally the additional users are called user2, user3, and so on.

   It is possible to redefine the user1 user ID to some alternate value but this requires assistance from PC charge tech support staff. For example at one of our sites the user ID for processing is QUAD1 instead of user1.

   For the Quadrant application to be able to process charges we have to be able to determine the proper user ID to send to PC charge. This is done by settings in the miscellaneous parameters table that are linked to the register number.

   In the MISCPARMS/credit card settings table there is a setting called

   ```
   xxx-CC-USER-ID-PREFIX
   ```

   where 'xxx' = the three digit register number.

   In most cases, the user id prefix is USER, but yours may be different if your users in PCCharge have been given names other than USER, and this will be the same prefix for all workstations.

   Note that each workstation actually processing credit cards must have a record to define the prefix even if the prefix is the same, so if you have registers 123 processing credit cards, you would need three records as shown below:

   ```
   001-CC-USER-ID-PREFIX        USER
   002-CC-USER-ID-PREFIX        USER
   003-CC-USER-ID-PREFIX        USER
   ```

   The program will automatically create the setting for your initial values..e.g.,

   On register 001 it will create a setting as shown below:

   ```
   001-CC-USER-ID-PREFIX         USER
   ```

6. On register 002 it will create a setting as shown below:

```
002-CC-USER-ID-PREFIX          USER
```

When it is time to determine the actual user id for the workstation it will add the workstation # to the prefix. So, for example,

USER becomes USER1 for register 1, USER2 for register 2 , etc.

Exception: There is one user site that has an exception to this and uses USER1 for all workstations because the instances of PCCharge are running on their own local machine so logic in the application overrides the rules above and uses USER1 for all workstations.

----------PASSWORD----------

The PCCHARGE password is set within the PCCharge program itself. However, when RASWIN communicates with PCCharge it must pass the password to PCCharge. For security reasons, this password is stored in the Quadrant databaese in a special format that does not present the entire password in one field. Each userid (as determined above) has 4 settings where the password is stored, 2 characters in each record.

These settings are (this example is for register 001, with USER1 as the user id)

```
001-CC-S1-USER1    AA
001-CC-S2-USER1    BB
001-CC-S3-USER1    99
001-CC-S4-USER1    !!
```

You can have the program automatically create the entries exactly as shown above simply by attempting to process a credit card. The values shown for the password in the entries above (AABB99!!) will almost certainly not be correct for your particular PC charge password so the transaction will fail because the password is not valid. You can then go back to table maintenance and adjust these entries to match your actual PC charge password.

The password is the 4 stored groups (AA, BB, 99. and !!) put together into a single 8 character 'string'. Because the RASWIN program stores all of its data in uppercase form the resulting password is adjusted so it has both upper and lower case values. This is done by forcing the first 2 characters to upper case and the remaining characters to lower case, so you must include at least one letter somewhere within the first two digits, and at least one additional letter somewhere in segments 2, 3 or 4. The remaining characters in the segments can be numbers or special symbols. Because we forced the first two characters to be upper case in all the remaining characters to be lowercase we are guaranteed to have a mix upper and lower case letters as long as they are present in the defined segments.

The list of special symbols the program recognizes are
as follows

```
! @ # $ % ^ & * ( ) _ + = - { } [ ]
```

spaces are not permitted.

Here are some examples of passwords that would be acceptable

`Q@CGN9FY` <-remember the program will take care of ensuring the
`5TFSA7Y@` letters are a combination of upper and lower case
by forcing the first two characters to be upper case
and all the remaining characters to lowercase

Here are some examples of passwords that are not acceptable

`12345678` <--it's all numbers, there are no letters or special symbols
`99AB5$QG` <- because the first two characters are numbers and all remaining characters are will be made lowercase. This password won't work because it will not have a mix of upper and lower case letters

PC charge also requires that when you change your password the new one must be a password that you have not used for your last six password settings.