



PROCAL
V5

PROCAL
DIRECT

RELEASE NOTES

PROCALV5 VERSION 5.8.0.1 TO 5.8.0.4
REVISION: JUNE 2018

CALIBRATION MANAGEMENT SYSTEM

Table of Contents

Release notes for procalv5, version 5.8.0.14

1.1 Release details.....4

 Multi-Language Support 4

 Date/Time/Numeric Formatting Controls..... 4

 Applicable Modules..... 4

1.2 Modification Details5

 Enhancements..... 5

 Corrections..... 6

 Obscure Bugs 7

1.3 Documentation.....7

 Enhancements..... 7

 Corrections..... 7

Release notes for procalv5, version 5.8.0.28

2.1 Release details.....8

 Applicable Modules..... 8

2.2 Modification Details8

 Enhancements..... 8

 Corrections..... 8

 Obscure Bugs 8

2.3 Documentation.....8

 Corrections..... 8

Release notes for procalv5, version 5.8.0.39

3.1 Release details.....9

 Applicable Modules..... 9

3.2 Modification Details9

CALIBRATION MANAGEMENT SYSTEM

Enhancements..... 9

Corrections..... 11

Obscure Bugs 14

3.3 Documentation.....14

Enhancements..... 14

Corrections..... 14

Release notes for procalv5, version 5.8.0.415

1.1 Release details.....15

Applicable Modules..... 15

4.2 Modification Details15

Enhancements..... 15

Corrections..... 16

Obscure Bugs 17

4.3 Documentation.....17

Corrections..... 17

CALIBRATION MANAGEMENT SYSTEM

RELEASE NOTES FOR PROCALV5, VERSION 5.8.0.1

These notes describe in detail what elements were changed during the release process of applicable modules for the ProCalV5 Calibration and Maintenance and Quality Management Systems.

1.1 RELEASE DETAILS

MULTI-LANGUAGE SUPPORT

This ProCalV5 release now supports multiple languages as well as configurable Date, Time and Number formats. Below are some features:

- **Supported languages:**
 - English (United States)
 - Deutsch (Deutschland)
 - Espanol (Espana)
 - Francais (France)
 - Italiano (Italia)
 - Portugues (Brasil)
- All default labels, messages and hints have been translated.
- Changed user labels now have the ability to set a 'Display Name' for each supported language.
- Each User will be able to select a default language as well as being able to change their preferred language.
- Calibration Frequencies can now be set up with a 'Display Name' for each supported language.
- User Defined Variables can also be set up with a 'Display Name' for each supported language.
- Each Company can set and/or restrict supported languages.
- Each Company can set a Default Audit trail language.
- System option to enforce the use of a supported language.

DATE/TIME/NUMERIC FORMATTING CONTROLS

Now instead of forcing use of a single system-wide format, formats can be configured by Company and by locale, or forced to be consistent across the organization as needed.

APPLICABLE MODULES

All application and system modules along with all documentation have been updated to version 5.8.0.1.

CALIBRATION MANAGEMENT SYSTEM

1.2 MODIFICATION DETAILS

- **Note:** "IT#" stands for Internal Tracking number.

ENHANCEMENTS

IT# 2482 Add Multi-language support by company and/or by user and or for the entire system. Include all default labels, screen captions and messages.

IT# 2487 Allow for having currency fields for Global Scalability:

- a. Time Zones
- b. Countries
- c. Languages
- d. Currencies

Allow for multiple currency symbols, by company and with system default.

For this release, limit scope of this tracker to allowing currency symbols and time zone names.

IT# 2947 Ability to set at the COMPANY level Date Formatting, as opposed to only at the SYSTEM level on the System Options tab.

For this release, scope will expand date formatting to System, Company and Locale setting.

IT# 3147 If company or user locale and formatting settings are enabled, allow for controls to maintain system or company-level controls of date and number formats used for the application, the audit trail, or both. Also allow for controls to maintain flexibility for those environments that require it.

IT# 3148 Allow for configurable locale and language settings. This may include establishing a system's default locale and language, and configuring format settings based on system, company and/or user-selected locale. Include technology adjustments (such as character encoding, SQL collation and default image loading) to account for expected user data entry in the respectively configured locale(s).

IT#3149 Increase any address or contact information fields to allow for the maximum string size currently available. This is to help ready the system for more international locations.

IT# 3355 Change the Test Type Inputs and Outputs tables to have a float field (instead of always storing numeric data as text). This will allow Test Type numeric fields to work in multiple locales.

IT# 3370 Audit token values (e.g. "Pct of Range") in both the raw value (English) and the language of the audit trail.

IT# 3378 Changes to utilities/modules for I18n, potentially including

Import/Export, Item Change ID, Mobile Workstation, Archive, Mass Update, Data Load, Email Reminder Utility, Connection Override Setup, DPC/Track Conversion, Shop Admin.

CALIBRATION MANAGEMENT SYSTEM**CORRECTIONS**

IT# 3048 If the date format was mm/dd/yyyy and there's a user defined DATE variable (e.g. on Calibration), and let's say first the format is changed to dd-mmm-yyyy (non-numeric), and then the data is imported with 3/31/2011 in a user def field, you'll get this error if you try to subsequently change it back to mm/dd/yyyy (numeric).

Error on screen: frmSysOpts, Msg: "<date>" is not a valid date SenderType:TsPanel.

The only fix is a back-end database change.

This could happen when switching to and from non-numeric, to numeric and back also.

IT# 3099 The standard reports for ProCal should format all date fields according to the date format in System Options. The dates should appear on the report in the same format as they appear in ProCal. This will apply to numeric formats as well.

IT# 3315 When selecting to Approve records when loaded (Data Load), the Time Stamp is not set (or displayed) on the Master Instrument record. If the Instrument record creates a Loop or a Document record, these Time Stamps are also not set.

IT# 3384 Prevent deletion of a Priority that is set as the alert priority on the company (but not used anywhere).

IT# 3438 Test Type Screen: Once a Test Omission TTP is in use on a record, the TTP cannot be modified.

The following error codes are generated:

(190) & (507)

IT# 3439 Loop, System & Test Instrument's Master Reports are not working.

The System generated an error of "This field name is not known."

The others generated this error:

"Failed to Open Connection. Details: [Database Vendor Code: 4060]"

IT# 3442 When changing your PW to a value that does not meet the length requirement, the following is displayed:

Unexpected Application Error Occurred: The reason for this error may vary depending on the details below. You may retry the operation previously attempted now, or close and re-open the application to try again. (190)

Error on Screen: frmLogon, Msg: Format '%' invalid or incompatible with argument Sender Type: TsEdit.

Cause: Badly formatted RC file contents.

IT# 3446 User Defined Variables created for the Company screen are not available for the screen.

IT# 3447 Changing the value for the UDV's Name field appears to remove the value from the master record.

IT# 3452 Access violation message will occur when a record is in Change Control, has been marked for deletion and you select Reset Deletion Mark from the File menu.

CALIBRATION MANAGEMENT SYSTEM

IT#3460 Upload/Download - Download by Query: PM Queries get access violations when attempting to run them for check list.

IT# 3467 User should have read-only access to the Company screen. The Locale Settings tab is still available for editing. It appears they cannot save it but it should be in a read only state and leaves the likelihood of actual security flaws to be greater.

IT# 3469 Deviation: the default Calibration Label for 5.8 does not display all the necessary data. Only shows date calibrated and next date but no Item ID

IT# 3473 Deviation: The Location and Building drop downs for default values are not properly linked to one another in the Data Load utility, allowing potentially incorrect combinations on loaded records.

IT# 3474 Deviation: Email Reminder, using "-d" parameter for department grouping causes integer overflow, out of memory and/or access violations during run, and emails are not sent.

OBSCURE BUGS

There were no bugs fixed in this release that fall under the classification of *obscure*. An obscure bug is defined as a software bug occurring within a released version of a software product that does not lead to data destruction and does not require a work around because by its nature, it will only be encountered by a user under rare and inconsequential circumstances.

1.3 DOCUMENTATION

ENHANCEMENTS

User Manual and Online Help:

User Manual and Online Help combined for online access.

CORRECTIONS

Several minor corrections have been made in the User Manual.

CALIBRATION MANAGEMENT SYSTEM

RELEASE NOTES FOR PROCALV5, VERSION 5.8.0.2

These notes describe in detail what elements were changed during the release process of applicable modules for the ProCalV5 Calibration and Maintenance and Quality Management Systems.

2.1 RELEASE DETAILS

APPLICABLE MODULES

All application and system modules along with all documentation have been updated to version 5.8.0.2.

2.2 MODIFICATION DETAILS

- **Note: "IT#" stands for Internal Tracking number.**

ENHANCEMENTS

IT# 3522 Add the ability to copy a company.

CORRECTIONS

IT# 3518 The Data Load will not create a new record [Instrument, Loop or Equipment] if the master record it is trying to create has a UDV, it will through an error.

OBSCURE BUGS

There were no bugs fixed in this release that fall under the classification of *obscure*. An obscure bug is defined as a software bug occurring within a released version of a software product that does not lead to data destruction and does not require a work around because by its nature, it will only be encountered by a user under rare and inconsequential circumstances.

2.3 DOCUMENTATION

CORRECTIONS

Several minor corrections have been made in the User Manual.

CALIBRATION MANAGEMENT SYSTEM

RELEASE NOTES FOR PROCALV5, VERSION 5.8.0.3

These notes describe in detail what elements were changed during the release process of applicable modules for the ProCalV5 Calibration and Maintenance and Quality Management Systems.

3.1 RELEASE DETAILS

APPLICABLE MODULES

All application and system modules along with all documentation have been updated to version 5.8.0.3.

3.2 MODIFICATION DETAILS

- **Note: "IT#" stands for Internal Tracking number.**

ENHANCEMENTS

IT#1128 Add a shortcut to move ALL As Found values to the As Left values on the cal screen (even though we have the equal sign shortcut for one-point-at-a-time processing already).

IT#1949 Add a screen feature or standard report that can highlight or specify fields that have changed from the Prod copy of a record on any change control (CC) record.

IT#1974 Add menu option or action button to go directly to adding a calibration record for an item from its master record screen (Instrument, Loop, System, Test Instrument, or even PM record). This could function similar to the ProCal Explorer pop-up menu for Enter Calibration Record (or Enter Result Record for Maintenance PMs)

IT#2347 Add Refresh button to Reminders screen, and maybe also make a popup menu on the View Reminders button so that the users have more ways to refresh the reminders.

IT#2471 Add ability to acknowledge multiple notifications in one shot (gets annoying when you've gotta enter your password and modification reason for each one out of a LOT of notifications); like a select all, select some check list idea.

IT#2801 Add optional warning on Calibration screen (or possibly other history forms) when saving a record which will not result in the scheduled date being rolled forward. This warning should especially be shown during finalization.

IT#3247 ORIGINAL Paraphrased: "When entering a new calibration with ending zeros after a decimal point (ex. 10.200) the zeros are removed ... As soon as the record is saved, the zeros all disappear without changing screens or changing views. This only occurs with ending zeros" Users would like to retain the viewed/entered resolution of reading values on display on screen and in reports. This is done by implementing the data in the reading resolution column created in tracker #1667.

Prime Technologies, Inc.

16 Hagerty Boulevard, West Chester, PA 19382

484.266.0599 - www.primetechpa.com

Release Notes Versions 5.8.0.1 to 5.8.0.4, 6/2018

CALIBRATION MANAGEMENT SYSTEM

IT#3277 Restore "Import into a New Company" and "Import into an Existing Company" options (removed for 5.7.0.1)

IT#3371 It would be useful to have the maximum number of users that has been initialized into the database to be displayed in the Help--> About screen.

IT#3380 This functionality is to be introduced into DPCTrack2 and ProCalV5. Allow the ability of the upload/download screen to upload "Saved State" records on a Fluke 74x or 75x calibrator as a single point calibration with no pass/fail capabilities.

IT#3418 Add new driver for GE DPI620 Genii calibrator models via FCINTF interface and subclass, and any related interfaces as needed.

IT#3429 Merck would like several enhancements to the DataLoad Utility as specified in proposal, including (but not restricted to): Load all asset types Allow multiple Test Point Groups Specify specific test points Manual PF Test Point Group designation Additional columns Trial run functionality.

IT#3492 Allow notes to resize when the screen resizes.

IT#3513 Create a method to drive input to output correlation from a set of values in a table (either a TTP or built into the system)

IT#3514 Add the ability to create notes on a calibration when uploading from a documenting calibrator

IT#3515 Add the ability to assign Test Instruments to a calibration when uploading from a documenting calibrator

IT#3530 Add an option to ask the user after a download if they want to run a report that specifies the tasks that were loaded onto the calibrator. Also, create the report.

IT#3566 Combine the old Data Load Utility with the new one that allows creation of all Asset Types and multiple Test Point Groups (with certain TTPs). Utility will give the user the ability to choose which list values are updated (e.g. Manufacturers) and which ones must exist (e.g. Status)

IT#3581 Add the ability to change a series of fields if the record is not in Change Control, maybe through use of a pop up window initiated from the "Edit" menu. Specific fields will be available, and the list will be configurable.

IT#3582 Add ability to specify: Company / Service Company association Company / Multiple-service company associations Company all Service Company associations

IT#3583 Add another check box in the "Updates" box that allows the tech to roll the date based on the actual calibration date instead of the scheduled date. Check box could also be visible if the instrument is not keep on schedule", but the calibration date falls before the "grace period". Company option created for both states. For example: Allow date rolling based on actual date if item is marked as Keep on Schedule. Allow date rolling based on actual date if outside of grace period.

IT#3584 Modify the ability to change Scheduled Date within the Calibration:

CALIBRATION MANAGEMENT SYSTEM

CORRECTIONS

IT#2579 Correct spelling of the word “policies” in message when importing into a new or existing company.

IT#2622 “Connection is busy with results for another hstmt” error occurs with a large (60+) item Work Order when Closing a Task, whether or not this task rolls the PM date or not. Workaround was to turn off the Auto-Close Work Order option, which may be why the error is occurring.

IT#3341 If the ProCalV5 date format is set to non-numeric (dd-mmm-yyyy), the Data Load Utility will fail to populate any date fields, regardless of the format in the spreadsheet. The Data Load Utility should be able to load data in any valid date format, regardless of the ProCalV5 date format setting.

IT#3362 In DPC/Track Import, if an instrument has more than one wrap-up message then multiple Output Mode records are created in the ITEMSPECGROUPCFG table for that test point group. the downloading of the tag generates a "Invalid Output Mode" error, preventing the download of the tag.

IT#3402 Configure the downloaded Task tag name to use the item id first and then the group #, in order to keep all the items for a particular instrument together when sorting. The problem of possibly cutting off the ID is no longer necessary when using the Fluke driver.

IT#3405 Allow pressure modules to be uploaded as attached test instruments even when a model # is not supplied.

IT#3441 The filtering done within the Work Order screen does not work properly. The test was to create a filter (Item Type=Instrument) and execute it, all Item Types were displayed. The test was done in German, but worked properly in English.

IT#3445 DPCTrack1 conversion program does not take into account the IO Correlation for both spec and cal groups. It sets everything to linear.

IT#3453 Validation deviation: Message appears qrySave: Parameter 'TASKID' not found (512) when you attempt to close a work order with open tasks, from the work order screen itself via a Status change. The save fails and cannot be reattempted without additional errors.

IT#3461 User enters an ad-hoc Square Root calibration on Fluke DPC. The Input range should be the actual engineering input range but instead is forced to 0 to 100 "Percent". This causes the expected outputs and limits to be wrong and causes the calibration to fail, as the input points and as found/as left readings are actually transmitted using the correct units of measure. The upload process should recognize the square root scale value and use of Percent in the custom unit and use the primary source unit of measure instead.

IT#3465 Deviation: the user has just added a PM to an Equipment record. When the user returns to the Equipment record, he is instructed to go to the usage counts tab and add a count type of "Cycles" and choose "Meter" as the update method and save. Results in a Couldn't perform the edit because another user changed the record message. Close and re-open to work around and re-edit and re-save, successfully.

IT#3472 Deviations: the Company configuration report and System Options reports for version 5.8 do not function for various reasons, both having to do with the changes to the database structure in 5.8. This can be related to bad fields or bad database connection settings.

CALIBRATION MANAGEMENT SYSTEM

IT#3473 Deviation: The Location and Building drop downs for default values are not properly linked to one another in the Data Load utility, allowing potentially incorrect combinations on loaded records.

IT#3475 Deviation for Mass Update: It seems that inclusion of Vendor add and remove operations cause "Unknown Error" results for Instrument updates.

IT#3476 Report Override fields in the Mass Update module are showing underlying RPT file names rather than display names in the current user locale. (Deviation)

IT#3477 Deviation: User attempts to uncheck the Replace Specs button on a Mass Update record and save – they get an Access Violation message. Clicking OK still leaves the record in a modified state, but in fact the record change was successfully saved.

IT#3478 Deviation: At some point during the editing of a Mass Update record, the Selection Criteria Value (e.g. Responsible Technician = Claire Calibration) is lost (e.g. Responsible Technician = "). During "Validate Update" user will receive an error indicating Incorrect syntax near the keyword "ORDER". It is unclear whether the lost selection criteria or other factors influenced the error found during validate update.

IT#3479 Deviation: User reports access violation in dbrtl140.bpl when attempting to execute Find Mass Update Record using an existing mass update ID value.

IT#3480 Mass Update: Subtable options for Vendors only appear in the English language for Instrument and Test Instrument, and only English enables Instrument Type modifications for test instruments. Basically the other language "item type" values are not properly checked for visibility of these options.

IT#3486 Source Mode and Measure mode from DPC/TRACK file do not map into the Reading Method correctly.

IT#3509 Issue with creating saved state records during upload with blank reading entries

IT#3518 The Data Load will not create a new record [Instrument, Loop or Equipment] if the master record it is trying to create has a UDV, it will through an error

IT#3531 Ran the Restore, not all calibrations are restored. The Archived database appears to empty after the restore. Calibrations are being lost. UPDATE: Issue is specifically with Restore of the Archive. Any time the DateEntered and EnteredBy values match multiple archived records the restore will delete data without moving it.

IT#3534 If user has more than approximately 64 Location records with "Directions" memo filled in with some data, user cannot add or edit more locations on the Location lists menu screen. Error is "invalid blob handle in record buffer" and is raised as an unexpected application error.

IT#3535 When a user on SQL Server platform attempts to change their password, regardless of the Number of Passwords to Remember settings, it seems as though they will get a message "Connection is busy with results for another hstmt" when the user has hit 20 or 21 PWHISTORY table records.

IT#3551 Oracle platform Worksheet reports are not displaying correctly – they are duplicating test point rows due to incorrect checking of "SeparateCalReadings" flag.

CALIBRATION MANAGEMENT SYSTEM

IT#3580 Companies with an excessive number of Task records (55,000+) can have errors opening the Task screen due to insufficient memory issues. This manifests itself with the message "System Error. Code: 1400" and "Insufficient memory to perform this operation."

IT#3586 When opening the user group screen to a technician group by double clicking on it on the user administration screen you get an error "item not found".

IT#3590 Adding a new language via the Database Initialization Program will fail with Key Violation in the REPORTDISPLAY table if there is at least one custom report with a non-standard RPT file name in the system. This is due to the program not finding default ReportName (display name) content and leaving the value blank upon saving. Only workaround is to remove the reports, add the language(s) and add reports back in.

IT#3591 REPORTVARS table in Oracle 5.8.0.1 initially had the PromptkeyID as NOT NULL which was a mismatch from SQL Server and caused issues adding custom reports in testing.

IT#3592 Database Initialization program, when adding more languages, attempts to pre create language values for User Defined List Name using the new locale. The methodology assumes that the list names are sorted but no sorting is done on the query. This causes duplicate key errors. Also an issue occurs inserting any User Defined Label Overrides stored in DBFOVERRIDES.

IT#3593 The user cannot uncheck "Use Own Labels" in a given company if there are no companies will User Defined Label overrides. Even companies without overrides in place should be made available so that the user can uncheck that box.

IT#3594 Running instruments due report with an Advanced query in a company without usage counts enabled. the "PctofTarget" parameter appears in a crystal reports prompt rather than using the default zero value that should have been present.

IT#3597 Once the Calibration Label Report is displayed, the Calibration ID and Who Performed fields display nothing. Oracle 5.8.0.1 Validation

IT#3598 User creates advanced query selecting on a date value 05/05/2020. Then the user switches languages to one that uses a dd.mmm.yyyy format. Running the query fails with a message about the date being in an invalid format. The code was designed to use the underlying real date value instead of attempting to interpret the text but in this example it failed to do that. the code should read the real date value stored within the QUERYSELECTION table.

IT#3599 In Oracle 5.8.0.1 - The upload functionality will not successfully add a Note to a Calibration record. Gets Invalid Class Typecast were when attempting to treat the field as a TMemoField.

IT#3600 Oracle 5.8.0.1 Missing Maintenance Request Worksheet report

IT#3602 Mass Update to a User Defined field of type DATE fails with Operation Not Applicable despite several different date formats attempted. Also other user defined types fail with similar messaging such as signature fields.

IT#3603 Get an error message when attempting to save a Work Order task filter from the work order screen: USERDEFINED must have a value.

CALIBRATION MANAGEMENT SYSTEM

- IT#3604** Oracle platform NULL/NOT NULL setting incorrect for AuthenticationParams.ParamValue and this results in errors saving null parameters in an Authentication Method
- IT#3607** 5.8.0.1 Oracle Validation Deviation You cannot modify: Calibration Frequency--modifications do not save Manufacturer--modifications are strange. Sometimes it will allow you to save, other times it will not, sometimes it will even give the Stop error saying that another user changed the record. User has add/modify rights to Lists
- IT#3608** Tracker to fix miscellaneous internationalization / localization problems found in the 5.8.0.1 validation, or the 5.8.0.3 unit testing
- IT#3610** Add an option to require a note on calibrations. The option could be "Yes" or "No", or it could be "Never", "On Pass/Fail" or "When Finalized".
- IT#3615** Clicking the Help button within the Choose Instrument screen within the Calibration screen brings up the Introduction portion of the Help Manual, not the relevant topic. Same issue occurs on Compliance report item selection

OBSCURE BUGS

There were no bugs fixed in this release that fall under the classification of *obscure*. An obscure bug is defined as a software bug occurring within a released version of a software product that does not lead to data destruction and does not require a work around because by its nature, it will only be encountered by a user under rare and inconsequential circumstances.

3.3 DOCUMENTATION

ENHANCEMENTS

User Manual and Online Help:

User Manual and Online Help combined for online access.

CORRECTIONS

Several minor corrections have been made in the User Manual.

CALIBRATION MANAGEMENT SYSTEM

RELEASE NOTES FOR PROCALV5, VERSION 5.8.0.4

These notes describe in detail what elements were changed during the release process of applicable modules for the ProCalV5 Calibration and Maintenance and Quality Management Systems.

1.1 RELEASE DETAILS

APPLICABLE MODULES

All application and system modules along with all documentation have been updated to version 5.8.0.4.

4.2 MODIFICATION DETAILS

- **Note: "IT#" stands for Internal Tracking number.**

ENHANCEMENTS

S-03491 - Add option to allow System Administrators to Delete Notes.

S-03514 - System Administrators would like to see better sorting (ordering) of Available Groups on Employee Record screen as well as any other sorting for easier administration of new and modified users. (Better handling of large lists of Groups and Users.)

S-03545 - The DBErrors screen should automatically scroll to the bottom of the message when it is shown to eliminate having to ask the customer to scroll down.

S-03548 - Make the assigned technician drop-down list in the Work Order screen, Scheduled Tasks tab in alphabetical order so that quick type and faster selection are possible.

S-03568 - Increase size of drop down boxes and edit boxes on the report parameter form.

S-03652 - The shortcut key Ctrl + L is listed for Documents and Maintenance Requests. These Record types have additional choices. The text "Ctrl + L" should be removed.

S-03576 - Add Compliance Reports as another tab on Show Work History screen.

S-04119 - Using Fluke 729 / 729C, Pressure-to-Pressure calibrations should be allowed.

S-04251 - Start Date for a Task record cannot be greater than End Date.

S-04330 - Display calibrator date/time stamp on calibration screen for calibrations uploaded from the Fluke.

S-04455 - Add Counts to Work History screen.

S-04478 - Add traversing buttons "First, Previous, Next, Last" to the Equipment screen.

Prime Technologies, Inc.

16 Hagerty Boulevard, West Chester, PA 19382

484.266.0599 - www.primetechpa.com

Release Notes Versions 5.8.0.1 to 5.8.0.4, 6/2018

CALIBRATION MANAGEMENT SYSTEM

Enhancements for Multi-Language

- S-02843** - Dissolution Temperature TTP Update for 5.8
- S-03882** - Scales and Balance TTP Update for 5.8
- S-03883** - Uncertainty TTP Update for 5.8
- S-04236** - Update Timer Test TTP for 5.8
- S-04327** - Update Pipette Calibration TTP for 5.8
- S-04238** - Update Input Conversion TTP for 5.8

Enhancements to ProCalV5 to Handle Future Products

- S-03171** - Enhancement – During Download if my calibrator has no Serial Number available the software should not warn me regarding a test instrument that cannot be found, it should just continue.
- S-03474** - As a Mediator User, when performing download, I need ProCalV5 to disregard warnings for the Virtual COM Port during download such as Test Instrument not found.
- S-03475** - As a Mediator User, I need ProCalV5 to not recognize Mediator Virtual COM port as a calibrator during upload.
- S-03476** - As a Mediator User, I need ProCalV5 to allow the Results object to declare or override what the actual calibrator was that was used for the calibration so that the calibrator can be mentioned in applicable notes.
- S-04085** - As a Mediator User, I need the upload download screen to respect the selected Port's capability setting before offering to set the current date time of the calibrator to avoid confusing messages.

CORRECTIONS

Corrections

- D-01081** - When adding Multiple Test Type Packages without closing the TTP screen it will retain the parameters of the previous TTP.
- D-01091** - Missed Work Order Filter bug.
- D-01092** - Deviation 001 - missed Acknowledge All feature in code review.
- D-01097** - Import/Export - Export screen only displays Test Instruments with Active status.
- D-01216** - New System Options not saving.
- D-01239** - 5803 Calibration queries with UDV's failing.
- D-01340** - Report Maintenance Changes bugs in 5.8.
- D-01440** - Form Entry TTP: When scrolling between groups, repeats first Step content.

CALIBRATION MANAGEMENT SYSTEM

D-01523 - Change Company Name not being processed on Location Tables.

S-04231 - Translation for January for Spanish is incorrect.

OBSCURE BUGS

There were no bugs fixed in this release that fall under the classification of *obscure*. An obscure bug is defined as a software bug occurring within a released version of a software product that does not lead to data destruction and does not require a work around because by its nature, it will only be encountered by a user under rare and inconsequential circumstances.

4.3 DOCUMENTATION

CORRECTIONS

Several minor corrections have been made in the User Manual.