

# Blanco Mobile Diagnostics and Erasure 4.2.0 is now released!

Mobile Diagnostics and Erasure version 4.2.0 - Release notes

## Highlighted features:

- **PHEN-4116** - Enhanced iOS Diagnostics.
  - Run a preset suite of diagnostics without pushing a diagnostic app to the iOS device.
- **PHEN-4691** - Use Username as the name of the Erasure Technician Rather than the Name of the Person Logged Into the BMC.
- **PHEN-4528** - Epoch Time.
  - New workflow tag that generates system time in epoch format.
- **PHEN-4427** - Expose <WORKFLOWNAME> variable inside workflow.
- **PHEN-3919** - Show All IMEI's in Custom Report Field.
  - Can now show all IMEI's of devices with more than one IMEI in the custom field on the report.
- **PHEN-4529** - Add <BATTERYAGE> tag to Workflow.
- **PHEN-4460** - Add <BATTERYLEVEL> tag to Workflow.
- **PHEN-4386** - Set Client Hostname and Expose PC Unique Details in Workflow.
  - Add method to set unique hostname client System Settings so it is not overwritten by server and then expose it in workflow as <HOSTNAME>.
- **PHEN-4570** - Add <FRPSTATUS> to Workflow.
- **PHEN-4705** - Workflow regexp.
  - Added "search & replace" functionality for workflow tag values.
- **PHEN-4604** - Make "Internal Model" Available in Print Layout or Workflow.
- **SD-3830** - Heart Rate Sensor Test - Android
- **SD-3824** - Facial Recognition Test – Android.
  - Test Face ID Functionality.
- **SD-3823** - Iris Sensor Test - Android.

## Bug fixes:

- **PHEN-4473** - Storage cleanup - Products sharing firmware no longer accurate.
- **PHEN-4457** - NFC Section in the manual incorrect.
- **PHEN-3804** - Prolog inconsistent results.
- **PHEN-4692** - Unable to allow a user to select a workflow without being able to edit/create workflow.
- **PHEN-4675** - Apple Watch not connecting to Version 4.1.
- **PHEN-4652** - Description of Carrier signal test for iOS.
- **PHEN-4573** - Samsung Goes to "Please authorize connection" state in the middle of erasure.
- **PHEN-4456** - Erasure of Oukitel C16 Pro and ODYS Titan 10 Lite fail following update to 4.1.
- **PHEN-4452** - Region is not set though Language is set properly.
- **PHEN-4341** - Prolog licenses consumed without connected phone.

## Known issues:

- Removed legacy Samsung bypass feature. Factory Reset or Factory Reset (without verification) can be now used instead.
- Samsung S10 requires user to enable USB debugging before Factory Reset can be performed.
- Issues with Samsung firmware flashing aren't solved yet and flashing might fail.
- Localization is missing from part of the new features but those will be fixed in coming releases.
- iPhone 5C device name and OS not shown in Report and UI as expected after iOS Factory reset, and faulty device info might cause also CPI validation to fail if run right after.
- In very random cases with Android phones after initial FR you might need to reconnect device in order to continue erasure.
- In BMDE 4.2 the setting "Stop activation if FMiP is locked" is removed and activation process gets automatically stopped if FMiP lock is detected.

## Details and Known Issues About New Diagnostic Tests:

- Android:
  - FaceID/ Iris Sensor Test
    - Supported for versions 9.0 and above
    - No biometric should be enrolled before starting any of this test.
    - API limitation to identify if Any/Which Biometric is registered previously.
    - User can Authenticate Iris while executing Face ID due to limitation mentioned in #3 and vice a versa
    - Test will open the authentication dialog based on the bio-metric preference set in device settings.
    - List of models which has FaceID but not supported by Blanco due to Android API Limitation. SD-3839
    - Auto profiling not supported.
- Heart Rate Sensor Test.
  - This test requires user to keep finger on heart rate sensor for minimum 10 to 15 seconds without moving. Time may vary depending on the device sensor's capabilities.
- iOS:
  - **SD-3854** - App is crashing after running headset microphone test with iPad 2 when ran the test 6-7 times.
  - **SD-3862** - Pass and Fail button is not getting displayed for Headphone test (Major).
  - **SD-3863** - Headphone is not getting detected for headphone mic test (Major).