Blancco Mobile Diagnostics and Erasure 5.1 is now released!

Mobile Diagnostics and Erasure 5.1 - Release Notes

For Apple device diagnostics, the Provisioning Profile certificate dates in diag 4.11 have an Expiration Date of 15-Aug-2024

Bug fixes:

- **PHEN-10936** - Firmware Export Broken
- **PHEN-10874** - Freezing when plugging in Android devices
- **PHEN-9029** - Report.xml file missing some output from Parts Authentication
- **PHEN-10566** - Samsung Phones with Android 13 requiring ADB
- **PHEN-10955** - IMEI's missing for some devices
- **PHEN-10899, PHEN-10892** - Trouble delivering reports
- **PHEN-10688** - Some Samsung devices reporting wrong date of manufacture
- **PHEN-11036** - iPads with Incorrect Market Names
- **PHEN-10873** - iPads glitching and restarting
- **PHEN-11075** - ECID is shown in the name field when the iPad is activated after erasure
- **PHEN-11065** - Failed to capture IMEI - Oppo A77 model
- **PHEN-10544** - Android market name issue HUAWEI nova lite 3
- **PHEN-10971** - FUJITSU F-02L stuck on initializing
- **PHEN-10283** - Erasure of Nothing Phone A063 running Android 13 fails
- **PHEN-10727** - Lenovo d-42A Android tablet: eSIM phone number issue
- **PHEN-10832** - Lenovo B6000-F models not showing actual Serial number
- **PHEN-10869** - Yestel X2 cannot connect
- **PHEN-10918** - iOS Erasure causing Xcelerate hardware screen to go black
- **PHEN-10903, PHEN-9919, PHEN-11052, PHEN-10939, PHEN-10794** - Several UI related bugs fixed
- **PHEN-10991** - Thomson Teo BMAX_I9 - Different Serial Number after Factory reset failed
- **PHEN-10992**- Konrow devices require enabling debugging manually after Factory Reset
- **PHEN-10844** - Not able to install diagnostics app on REDMI 4 device
- **PHEN-11203** - Xiaomi Redmi 9T: System model on report does not match with that on settings app
- **PHEN-10856** - Redmi NOTE 9 IMEI Error
- **PHEN-9739** - IMEI not reported (XPERIA 1)
- **PHEN-11172** - Erasure of Honor X7a fails following initial factory reset when Perform factory reset always at the beginning of erasure is enabled
- **PHEN-11212** - iOS can't automatically activate in iOS version 17
- **SD-5575** - iOS Volume Keys test fails when "Change with Buttons" setting is ON
- **SD-5690** - Bluetooth, Carrier signal sim 2 and Recent key tests are getting failed in OPPO A37f
- **SD-5723** - Blancco diagnostics app not working on Redmi Note 9 devices
- **SD-5722** - Blancco diagnostics app not working on OPPO F1s devices
- **SD-5678** - During Diagnostics process moving to the report page the screen directly goes to the home page and they have to re-run the entire diagnostics tests to be able to send the reports to the management console. Redmi Note 7 pro
- **SD-5696** - Cannot test the GPS for non-Cellular iPads

Features:

- **PHEN-6034** - Label Layout Editor Enhancement
    - If "Free text" is selected, then the text given in the "Content of free text" is printed to the barcode.
- **PHEN-7911, PHEN-10798** - Custom Field
    - Ability to display Custom Field at Login Screen and in the BMDI UI with an option to modify the field value from the BMDE UI
- **PHEN-9494** - Android Express Setup Enhancement
    - Android device screen will now stay on while performing express setup
- **PHEN-10142** - Option to Clear Device from System Cache Immediately
    - Within the erasure workflow node, it is now possible to define whether the erasure should wait for the Welcome Screen
- **PHEN-9699** - Monitor Device Temperature on iOS 14+
    - If enabled, the device temperature is shown in device popup. Temperature threshold/limit can be configured in the workflow (Device state)
- **PHEN-10934** - Auto Close Info Popups after a Defined Time
    - Ability to configure auto close time for Stored Reports and Licenses pop-ups at Login Screen
- **PHEN-9527** - New Available Workflow Action
    - Ability to add Report UUID in the workflow for custom reporting and API search
- **PHEN-10899** - Ability to verify that the report has been sent to the cloud successfully from the workflow. BMDE Report tab shows check mark for the report which has been sent to the cloud successfully
- **PHEN-10749** - License Status Available for Prolog Use
    - When Lost/Stolen check is run through the workflow with Prolog option and there's no licenses, the existing workflow tags <StolenBlacklisted> and <StolenGraylisted> will return the "no licenses" status. If the check is done successfully those same tags provide the status fetched from Prolog as usual.
- **PHEN-10282** - New Erasure Standard Available
    - BSI-GSK
- **SD-4796** - Samsung Fold and similar devices would now have an ability to test both screens within BMDE for Fold devices (Touch, Multi-touch, LCD Color)
- **SD-5323** - Screen Touch test has an option to choose the screen area either as full screen or in a pattern of all four sides with diagonals to help in speed of testing
- **SD-5566** - Apple Devices have eSIM supported tests for Mobile data test, Live call test. For Apple with dual sim feature, Live Call Test

- **SD-5719** - For Apple devices with dual sim feature, Live Call SIM 2 Test has been introduced.
  - Enhancements were made so that this would have parity with the old diagnostic app

Known issues:

- Date and Time settings are now part of First Time Setup Wizard. In case Setup Wizard at is skipped, date and time query will popup right after skip is selected.
- About ~40s wait at black screen can be experienced during BMDE station installation. This is known issue and expected to be enhanced in later release.
- New green indicator indicating sent report can be seen in Reports. Previously such indicator wasn't shown. If report send fails for some reason, report checkbox will turn red. Re-send for such report can be re-tried.
- Currently Blancco Management Portal (BMP) backup creation can fail due the size of the backup. Reason is that BMP backup has key value limitation. Workaround to support larger backup sizes in future is under work. Such limitation does not exist in Blancco Management Console (BMC).
- BMDE file export to USB stick is enhanced in this release (iOS firmwares, workflows etc.). In case there's experienced any issue in USB export it's recommended to use the "Click here to remove USB media" option found from BMDE Erasure view's Status bar/Login view before USB stick is de-attached.
- "Export selected" and "Import" buttons for firmware files are added to System Settings -> Synchronization Service (Server) -> Shared Files. Please note that only selected and "completed" (completely downloaded and verified) firmwares can be exported. It'll take a moment before imported firmwares appear on the shared list as system is processing them first.
- Starting with this release Custom fields can be queried at login.
- In UI in drop down menus the current selection is now shown in bold.
- Workflow auto-start works now without wait, right after reconnecting cable after previous workflow has ended. In case any reports are generated those should be cleared before reconnecting device.
- Processing of iPads in ports that are mixed up in the internal wiring is currently not supported. This can be observed with an additional device card that can appear in the UI.
- New iOS/iPadOS 17, 17.0.1 and 16.7 are verified with this release.
- iPhone 15 series is not yet supported in this release as devices not available for the team by the release date.
- In iOS 17, for Volume Keys test - Keys pressed quickly does not PASS the test. Once key is pressed wait for 1 second and then press other key.
- This applies for processors using Diagnostics application for Apple with Bandwidth Scalability feature enabled. Pre-requisite is that Wi-fi setting should be turned ON and connected to network to perform. Wi-fi test has a message on app which will ask user to enable Wi-fi and connect to Wi-fi. User needs to enable Wi-fi and connect to respective network to perform test successfully.
- Note: If users want to avoid entering password to Wi-Fi, then in the Workflows the 'Wi-Fi Config' node should be linked before Diagnose/Run Diagnose node. Wi-fi Config node will push Wi-fi profile in iPhone. User will need to install profile by navigating to Settings app in iPhone.