

Blanco Mobile Diagnostics and Erasure 4.14 is now released!

Blanco Mobile Diagnostics and Erasure 4.14.0 - Release notes

Features:

- **PHEN-8635** - Reset Port/Lane.
 - User can now clear the device ID from the UI port/lane in the event the device communication fails. This will make it easier to retest the device.
- **PHEN-8633** - Default Value Available for Grading Panel.
 - When creating a grading panel, a default value can now be assigned which will allow for quick review and fewer clicks.
- BMDE 4.14 is introducing an alert prompt on the host UI, for customers to note that the new diagnostics application is available for use and in future a release would be replacing the legacy diagnostics completely.
 - Hence, it is recommended that customers evaluate the new diagnostics in their business process and migrate to it as soon as possible. The alert message also gives admin users an option to keep using legacy app for a while longer.
 - This Prompt will be shown if:
 - Station has been used previously and
 - Customer has selected the legacy app
 - Or there is not a previous selection
 - Prompt is not shown if:
 - This is a Synchronization Server client station
 - This is a newly installed station, only latest diag app selected as default
 - Station has been used previously and
 - Customer has already selected the latest diag app
 - App selection in the settings is disabled if the selected app is set to latest. However, the option can be enabled with key combination: hold CTRL + shift down and type "lega".
- **SD-5326** - Speed Improvements - Parallel Testing in App.
 - Certain auto tests would run in background while assisted and manual tests are being run.
 - The parallel testing flow can be enabled with 'Optimise for Speed' Button in Host settings.
 - The Background Tests now includes more tests
 - Android:
 - Magnetometer
 - Wi-Fi
 - Bluetooth
 - AGPS
 - Carrier Signal Check1
 - Carrier Signal Check 2
 - Gyroscope
 - Barometer
 - Performance
 - SD Card
 - Temperature
 - iOS:
 - Wi-Fi
 - Magnetometer
 - Barometer
 - Altimeter
 - Gyroscope
 - Accelerometer
 - Bluetooth
 - Performance
- **SD-5327** - AGPS test will now be a part of auto tests.
- **SD-5353** - Performance test for iOS has been added in diagnostics test list as an automated test.
- **SD-5364** - iOS Fast Auto Trust feature: Diag app to support iOS version below 14.
- BMDE 4.14 has improved usage statistics collection to match other Blanco products. In adherence to the Blanco EULA policy, BMDE collects this information anonymously and does not collect any personally identifiable data.

Bug Fixes:

- **PHEN-9598** - 4.13 freezes with high volume of processed devices.
- **PHEN-9759** - Skip 'Diagnose' when setting autostart in workflow.
- **PHEN-9796** - iOS Smart Reset(Automatic Factory Reset) Increase since iOS 16 release.
- **PHEN-9005** - Rakuten Android: <ESIM> and <SIMStatus> holding unexpected values.
- **PHEN-9085** - BMDE lists incorrect Market Name for Moto Z4 device.
- **PHEN-9112** - BMDE lists incorrect Market Name for Moto g(7) device.
- **PHEN-9418** - ESIM not being removed during the erasure process.
- **PHEN-9589** - The same test result value is used for failed and not available when sending DiagListResults via Server Messages.
- **PHEN-9684** - Carrier lock variance.
- **PHEN-9712** - Oppo A16s failing to factory reset after erasure.
- **SD-5278** - Stress test is getting Not performed on Samsung S22 ultra and Pixel 6.
- **SD-5357** - Latest diag app loads tests slower on Apple for Speaker test.
- **SD-5358** - Compass test needs to be in automated test category for improved speed of execution.
- **SD-5311** - Issue with live call 2 using SIM2 on Redmi Note 7.

Known issues - Erasure:

- eSIM is erased by default from iOS devices however in workflow there's also option to save eSIM if needed. Note here that NIST standards will always remove eSIM.
- For Androids new feature is available to allow automatic accept of RSA dialog. If the automatic accept fails, user has to manually authorize the phone. Multiple authorization popups might be seen in phone in this case.
- In case of Android connectivity issues, user should try changing the USB modes or check the cable/connector condition. Also, if possible, any previous Reports for the device should be cleared.
- Starting with this release Blancco Supervised mode can be skipped for iOS devices with the iOS setup.
- When processing Diagnostics/iOS setup Wi-Fi settings should be defined in iOS settings to avoid need for manual setup of Wi-Fi in device. Missing Wi-Fi settings in iOS settings can also fail application installation for devices in Home screen.
- Support for new iPads (Oct 2022) is included in this release.
- DFU mode erasure is not supported with iPhone 14 series.

Known issues - Diagnostics:

- Diagnostics v. 4.8 is now used by default with new BMDE installations. In case of legacy version being used in existing installations, prompt about legacy version deprecation will be shown at boot up.
- Screen Lock Button Test does not work with Always on Display function enabled for iPhone 14 Pro and iPhone 14 Pro Max
- iOS "Camera Flash" test automatically marked as "Not available" when the camera is faulty.
- Android Diagnostics now expect phone UI to be setup to Home screen before app is launched. This is to ensure full set of tests can be run.
- BMDE 4.13 onwards, Diagnostics app support is discontinued for below iOS 11 such as iPhone 5c, iPhone 5 and iPad 4th generation. With onset of xcode 14 Apple no longer supports diagnostics on iOS 10.x devices (32 Bit architecture). Workaround is to use BMDE 4.12.1 or below for processing such devices.
- For Apple devices certificate for diagnostics have Expiration Date: 25- Nov – 2023