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Scan2Stage Release Note

Pointmobile Co., Ltd.
S/W R&D Team

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1. Revision History

| Revision | Date | Description |
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| V1 | 11/07/2019 | Scan2Stage <ul style="list-style-type: none">- Version : 1.1.8- Schedule Config added. EmInstaller <ul style="list-style-type: none">- Version : 1.0.28- Schedule Function added.- #15410 Issue Resolved. EmkitAgent <ul style="list-style-type: none">- Version : 2.2.11 |
| V2 | 11/08/2019 | EmInstaller <ul style="list-style-type: none">- Version : 1.0.28- [#15493] Scanner Setting Issue resolved |
| V3 | 11/15/2019 | EmKiosk <ul style="list-style-type: none">- Version : 1.0.1- [#15436] Screen Unpinned Issue Resolved- Added function to apply EmKiosk settings using Local File (EmKiosk.json) file- Password encryption. EmkitAgent <ul style="list-style-type: none">- Version : 2.2.12- Intent Action added. Scan2Stage <ul style="list-style-type: none">- Version : 10.0.1 (PointMobile Version)- [#15455, #15456, #15457] Issue Resolved- Password encryption |
| V4 | 11/22/2019 | EmKiosk <ul style="list-style-type: none">- Version : 1.0.2- #15557 fixed |



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| | | <p>EmkitAgent</p> <ul style="list-style-type: none"> - Version : 2.2.13 - #15599 HideAirplane feature added - #15600 Open Network Alarm changing feature added <p>EmlInstaller</p> <ul style="list-style-type: none"> - Version : 1.0.29 - #15599, #15600 Config added <p>Scan2Stage</p> <ul style="list-style-type: none"> - Version : 10.0.2 - #15526, #15599, #15601, #15602 feature added - QR Code generator changed (Access web page) |
| V5 | 02/21/2020 | <p>Pointmobile Version Scan2Stage Release</p> <p>Sca2Stage</p> <ul style="list-style-type: none"> - ScreenShot Control feature added - Proxy settings UI changed - Load Json file scenario changed - Ver : 10.0.4 <p>EmlInstaller</p> <ul style="list-style-type: none"> - Proxy settings configuration added - Ver : 1.1.1 <p>EmKiosk</p> <ul style="list-style-type: none"> - Clock added - Wifi State indication issue fixed - Ver : 1.0.4 <p>EmkitAgent</p> <ul style="list-style-type: none"> - Proxy settings bug fixed - ScreenShot control added - Ver : 2.2.15 |
| V6 | 02/25/2020 | <p>Pointmobile Version Scan2Stage Release</p> |



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| | | <p>EmInstaller</p> <ul style="list-style-type: none"> - OS Update failure issue fixed - Ver : 1.1.2 |
| V7 | 03/11/2020 | <p>Pointmobile Version Scan2State Release</p> <p>EmInstaller</p> <ul style="list-style-type: none"> - Changed the download logic to overwrite the existing file when downloading the file with same file name - EmkitAgent, EmKiosk installation file removed - Ver : 1.1.3 <p>EmKiosk</p> <ul style="list-style-type: none"> - Set that EmKitAgent and EmInstaller can be executed on EmKiosk (Kiosk mode) - Restriction feature added (Screen Capture enable / disable) - Ver : 1.0.5 <p>Scan2Stage</p> <ul style="list-style-type: none"> - Added restriction features in EmKiosk - Ver : 10.0.5 |
| V8 | 05/11/2020 | <p>Pointmobile Version Scan2Stage Release</p> <p>Scan2Stage</p> <ul style="list-style-type: none"> - Added Configuration partial saving feature - Added EmKiosk menus for operator - Added EmkitAgent Background execution feature - Ver : 10.0.7 <p>EmInstaller</p> <ul style="list-style-type: none"> - Can be set EmKiosk menus configuration for operator - EmkitAgent Background execution feature added - Ver : 1.1.4 <p>EmKiosk</p> <ul style="list-style-type: none"> - Added menu settings for operator - Ver : 1.0.6 |



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| | | <p>EmkitAgent</p> <ul style="list-style-type: none">- Added Background execution feature- Applied the brightness settings by Android Version- Ver : 2.2.16 |
| V9 | 09/15/2020 | <p>Pointmobile Version Scan2Stage Release</p> <ul style="list-style-type: none">- EmKiosk status bar added on Android 9 and above- Added EmKiosk Hidden App function- Added HotSpot settings- Upgraded Program Buttons configuration <p>Scan2Stage</p> <ul style="list-style-type: none">- Added EmKiosk Hidden App Config- Added HotSpot settings- Added LockScreen Message function- Updated FOTA Server URL- Updated Program Buttons Config- Bug patch- Ver : 10.0.8 <p>KioskConfig</p> <ul style="list-style-type: none">- Newly added Tool for creating EmKiosk (Kiosk) Configuration file- Ver : 1.0.1 <p>EmKiosk</p> <ul style="list-style-type: none">- EmKiosk status bar added on Android 9 and above- Added Hidden App function- Bug patch- Ver : 1.0.7 <p>EmkitAgent</p> <ul style="list-style-type: none">- Added HotSpot settings- Added LockScreen Message feature- Upgraded Program Buttons Config- Bug patch- Ver : 2.2.17 |



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| | | <p>EmInstaller</p> <ul style="list-style-type: none"> - Configuration added - OS upgrade intent updated on the Android 9 and above - Bug patch - Ver : 1.1.5 |
| V10 | 09/28/2020 | <p>PointMobile Version Scan2Stage Release</p> <ul style="list-style-type: none"> - Software keyboard enable failure issue, when EditText focused after rebooting in EmKiosk mode, fixed on Android 8 - Global action dialog (Power menu dialog) enable failure issue in EmKiosk mode fixed on Android 9 - Wifi white list configuration (enable / disable) added - Bug patch <p>Scan2Stage</p> <ul style="list-style-type: none"> - Wifi White list configuration added - Ver : 10.0.9 <p>KioskConfig</p> <ul style="list-style-type: none"> - Name changed (KioskConfig -> PowerLauncherConfig) - Ver : 1.0.1 <p>EmKiosk</p> <ul style="list-style-type: none"> - Software keyboard enable failure issue, when EditText focused in EmKiosk mode, fixed on Android 8 - Global action dialog (Power menu dialog) enable failure issue in EmKiosk mode fixed on Android 9 - Ver : 1.0.8 <p>EmKitAgent</p> <ul style="list-style-type: none"> - Wifi white list configuration (enable/disable) added - Ver : 2.2.18 <p>Eminstaller</p> <ul style="list-style-type: none"> - Wifi white list Config param added - Ver : 1.1.6 |
| V11 | 11/06/2020 | <p>Pointmobile Version Scan2Stage Release</p> <ul style="list-style-type: none"> - Applied crashlytics based on Firebase for detecting Crash - Updated exception for http protocol on Android 9 |



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| | | <ul style="list-style-type: none"> - Update Scenario that Wi-Fi SSID used for Provisioning will be deleted after provisioning - Bug fix <p>Scan2Stage</p> <ul style="list-style-type: none"> - Added notice for informing Wi-Fi Band Frequency cannot be changed on Android 8 and above - SE965 scanner type added on Scanner settings ([#17238]) - Ver : 10.0.10 <p>EmInstaller</p> <ul style="list-style-type: none"> - Applied crashlytics based on Firebase for detecting Crash - Updated exception for http protocol on Android 9([#17636]) - Update scenario that Wi-Fi SSID used for Provisioning will be deleted after provisioning - Updated EmKitAgent download scenario ([#17235]) - Ver : 1.1.7 <p>EmkitAgent</p> <ul style="list-style-type: none"> - Applied crashlytics based on Firebase for detecting Crash - Updated exception for http protocol on Android 9([#17636]) - Update scenario that Wi-Fi SSID used for Provisioning will be deleted after provisioning - OEMConfig bug fixed - Ver : 2.2.21 <p>EmKiosk</p> <ul style="list-style-type: none"> - Applied crashlytics based on Firebase for detecting Crash - Ver : 1.0.9 |
| V12 | 11/20/2020 | <p>Pointmobile Version Scan2Stage Release</p> <ul style="list-style-type: none"> - Added feature that Web page shortcut in EmKiosk - Added EmKiosk Screen Lock - Added System language setting - Bug patch <p>Scan2Stage</p> <ul style="list-style-type: none"> - Added feature that Web page shortcut in EmKiosk |



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| | | <ul style="list-style-type: none"> - Added EmKiosk Screen Lock - Added System language setting - Added Default package for OS Upgrade in EmKiosk - Ver : 10.0.11 <p>EmInstaller</p> <ul style="list-style-type: none"> - Added System Language setting - Fixed an issue not running activity on Android 9 - Ver : 1.1.8 <p>EmKitAgent</p> <ul style="list-style-type: none"> - Bug fixed - Ver : 2.2.22 <p>EmKiosk</p> <ul style="list-style-type: none"> - Added EmKiosk Screen Lock - Added feature that Web page shortcut - Added Default package for OS Upgrade - Ver : 1.0.10 |
| V13 | | <p>Pointmobile Version Scan2Stage Release</p> <p>EmInstaller</p> <ul style="list-style-type: none"> - Fixed bug not restarting EmInstaller when Scan2Stage changes System language - Ver : 1.1.9 |
| V14 | 12/05/2020 | <p>Scan2Stage for PM500 Release</p> <p>Scan2Stage (for PM500)</p> <ul style="list-style-type: none"> - Removed all settings except Schedule, EmSolution - Maintain the version (no additional function) <p>EmKiosk</p> <ul style="list-style-type: none"> - Added logic to branch off source code for Android 7 |
| V15 | 12/09/2020 | <p>Pointmobile Version Scan2Stage Release</p> <ul style="list-style-type: none"> - Fixed side effect issue caused by changing OS Upgrade, Language - Bug fixed <p>EmInstaller</p> <ul style="list-style-type: none"> - Bug fixed |



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| | | <ul style="list-style-type: none"> - Ver: 1.1.10 <p>EmKiosk</p> <ul style="list-style-type: none"> - Fixed side effect issue caused by changing OS upgrade, language - Bug fixed - Ver: 1.0.12 |
| V16 | 01/04/2021 | <p>Pointmobile Version Scan2Stage Release</p> <ul style="list-style-type: none"> - Fixed issues for PM30 - Added PM30 button setting type - Added YT Music package to GMS - Changed 'Check for update' to Popup dialog - Added Inter-Subnet Roaming mode option in Wi-Fi Settings - Fixed bug on Schedule sync function - Fixed bug on OS Update (PM30 has different PFU file download location) - Added new screen lock API for Android 10 - Added N2600 scanner type - Added single scan mode setting supported from Android 9 - Changed process so runtime permission is given in API Install step <p>Scan2Stage</p> <ul style="list-style-type: none"> - Added PM30 button setting type - Added YT Music package to GMS - Changed 'Check for update' to popup dialog - Added Inter-Subnet Roaming mode option in Wi-Fi Settings - Added single scan mode setting supported from Android 9 - Bug patch - Ver: 10.0.12 <p>EmInstaller</p> <ul style="list-style-type: none"> - Fixed bug on Schedule sync function - Fixed bug on PM30 OS Update (Change File download location for Download service) - Ver: 1.1.11 |



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| | | <p>EmKitAgent</p> <ul style="list-style-type: none"> - Added Inter-Subnet Roaming mode - Optimize Screen Lock API for Android 10 - Ver: 2.2.23 |
| V17 | 01/22/2021 | <p>Pointmobile version Scan2Stage release</p> <ul style="list-style-type: none"> - Added EmKiosk Layout (2x4) - Changed required item for registering package to EmKiosk screen - Added function that changes Wi-Fi SSID from EmKiosk - Prevent restarting app by config change <p>Scan2Stage</p> <ul style="list-style-type: none"> - Added EmKiosk Layout (2x4, selectable) - Changed required item for registering package to EmKiosk screen - Bug patch - Ver: 10.0.13 <p>EmInstaller</p> <ul style="list-style-type: none"> - Deliver config - Bug patch (Prevent restarting app by config change) - Ver: 1.1.12 <p>EmKiosk</p> <ul style="list-style-type: none"> - Added function for selecting EmKiosk layout - Changed required item for registering package to EmKiosk screen - Added function for switching Wi-Fi SSID - Ver: 1.0.13 |
| V18 | 03/29/2021 | <p>Pointmobile Version EmkitAgent Emergency patch</p> <ul style="list-style-type: none"> - Fixed bug that Wifi is set to null and not connected when the device boots five hours later after shutdown <p>EmkitAgent</p> <ul style="list-style-type: none"> - Changed setting on Wifi Channel for null value - Ver : 2.2.24 |
| V19 | 04/12/2021 | <p>Pointmobile Version Scan2Stage Release</p> |



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| | | <p>Scan2Stage</p> <ul style="list-style-type: none">- Changed Device Restriction setting method (Add a new key while maintaining the existing settings to ensure Restriction is applied)- Added GPS enable option on EmKiosk- [#18221, #18222] Fixed EmKiosk Package Input error- Added EmSync setting- Fixed Config file Load error generated from lower versions- Added EmKiosk Restrict access SD Card, Disable USB Debugging options- [PM500] Added Button Setting- Added Keep Current option on Automatic Data Time, Automatic Timezone- Added All Rotation, Hide navigation bar settings- Fixed Wifi channel list setting error- Ver : 10.0.14 <p>EmInstaller</p> <ul style="list-style-type: none">- Fixed bug that App is restarted by Config change and setting are not applied when language changes- [PM500 – Android 7] Fixed OS Update error- Applied EmSync- Added OS Update via OTG USB Driver- Ver : 1.1.13 <p>EmKiosk</p> <ul style="list-style-type: none">- Added GPS Setting- Added Kiosk Restriction- [#17905] Fixed bug that App is restarted by Config change and Fixed bug that EmKiosk settings are not applied- Ver : 1.0.14 <p>EmkitAgent</p> <ul style="list-style-type: none">- Update due to changed Restriction setting- Update to distinguish models which can enable Cotton Glover setting- Added All rotation, Hide Navigation bar |
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| | | <ul style="list-style-type: none"> - Added Device Restriction - Fixed bug of Lock Screen, Phone State, and Restriction setting error - Allow configuring Program Buttons using the only package name - Ver 2.2.25 |
| V20 | 05/07/2021 | <p>Pointmobile Version Scan2Stage Release</p> <ul style="list-style-type: none"> - Change Language Setting to be applied by EmkitAgent, not by EmInstaller - Display Battery level as Text form on EmKiosk - Added Wi-Fi SSID saving function depending on user's configuration - Fixed errors that occurred on EmKiosk when device is not in the Device Admin mode - EmSync MQTT Version Release <p>Scan2Stage</p> <ul style="list-style-type: none"> - [PM550][SE4750] Add illumination brightness Settings UI - Added N2601 Scanner type - Ver : 10.0.15 - <p>EmInstaller</p> <ul style="list-style-type: none"> - Removed Language Setting module - Added Configuration of EmKiosk and EmSync - Ver : 1.1.14 <p>EmKiosk</p> <ul style="list-style-type: none"> - Display Battery level as Text form - Added Wi-Fi SSID saving function depending on configuration - Fixed errors when device is not in the Device Admin mode - Ver : 1.0.15 <p>EmkigAgent</p> <ul style="list-style-type: none"> - Changed to perform Language Setting function - Added function to check setHotspot API - Ver : 2.2.26 - |



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| | | <p>EmSync</p> <ul style="list-style-type: none"> - EmSync MQTT Version Release - Ver : 1.0.1 |
| V21 | 07/02/2021 | <p>Pointmobile Version Scan2Stage Release</p> <ul style="list-style-type: none"> - Scan2Stage configuration simplification - Enable Wi-Fi setting in EmKiosk - Added to apply KCM file to Button Setting - Added App downgrade function (only for Android version higher than 10, App uninstall and install for PM500) - Added App uninstall function - Added a function to change keyboard - Prevent uninstalling applications if the package name is inserted when adding the App_Install task - Added unknown source setting function on Android 7 <p>Scan2Stage</p> <ul style="list-style-type: none"> - Scan2Stage configuration simplification - Added UI to apply KCM file to Button Setting - Added App uninstal Task UI - Added UI to prevent uninstalling applications if the package name is inserted when adding the App_Install task - Added UI for setting IME - Added UI for unknown source setting function on Android 7 - Ver : 10.1.0 <p>EmInstaller</p> <ul style="list-style-type: none"> - Added App uninstall function - Added App downgrade function (only for Android version higher than 10, App uninstall and install for PM500) - Added a function to prevent uninstalling applications if the package name is inserted when adding the App_Install task - Ver : 1.1.15 <p>EmKiosk</p> <ul style="list-style-type: none"> - Enable Wi-Fi setting function - Added LGU+ Verification package - Ver : 1.0.16 |



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| | | <p>EmkitAgent</p> <ul style="list-style-type: none">- Added UI to apply KCM file to Button Setting- Added a function to change keyboard- Added unknown source setting function on Android 7- Ver : 2.2.27 |
| V22 | 10/06/2021 | <p>Pointmobile Version Scan2Stage Release</p> <ul style="list-style-type: none">- Changed not to restart the app by configuration change- Changed to apply the schedule after boot when the device was turned off- Removed the Settings package from the white list- Added the App Recent Key option on EmKiosk restriction menu (Android 9)- Applied the framework API changed in Android 11- Applied the wakeup resource setting option on Button Setting- Added the Virtual keyboard Enable/Disable option- Added the Scan throttling setting option- Added the Keep alive mode setting option- Prevent uninstalling EmSync app- Fixed Battery, eMMC, System information error- Bug fixed <p>Scan2Stage</p> <ul style="list-style-type: none">- Added the Button Setting on PM75/PM67- Added the Wakeup source setting option on Button Setting- Added the Virtual keyboard setting option- Changed App Update Url- Added Scan throttling, Keepalive mode setting option- Select "Install or Update latest EmKitAgent from Point Mobile web site" option when any changes applied on Device Setting configuration- Ver : 10.1.1 <p>EmInstaller</p> <ul style="list-style-type: none">- Changed not to restart the app by configuration change |



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| | | <ul style="list-style-type: none"> - Changed to apply the schedule after boot when the device was turned off - Bug fixed - Ver : 1.1.16 <p>EmKiosk</p> <ul style="list-style-type: none"> - Changed not to restart the app by configuration change - Removed the Settings package from the white list - Added the App Recent Key option on EmKiosk restriction menu (Android 9) - Ver : 1.1.17 <p>EmkitAgent</p> <ul style="list-style-type: none"> - Changed not to restart the app by configuration change - Applied the framework API changed in Android 11 - Added the Wakeup source setting option on Button Setting - Added the Virtual keyboard Enable/Disable option - Added the Scan throttling setting option - Added the Keep alive mode setting option - Ver : 2.2.28 <p>EmSync</p> <ul style="list-style-type: none"> - Set the app not to be deleted by the user - Fixed Battery, eMMC, System information - Bug fixed (Fixed that WakeLock is not released) - Ver : 1.0.3 |
| V23 | 10/07/2021 | <p>Pointmobile Version Scan2Stage Release</p> <ul style="list-style-type: none"> - EmKiosk bug patch <p>EmKiosk</p> <ul style="list-style-type: none"> - Bug patch (Fixed App Recent key setting error) - Ver : 1.0.18 |