

[PM451 A9] 41.09 (Mar 28 2023) Release Notes

Check the newly released OS and SDK versions.

- OS version: 41.09 (Mar 28 2023)
- SDK version: v3.24.00

- [Security Patch](#)
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Find out important changes.

Security Patch

- Android Security Patch ([2023-02-05](#))

VoC

SCANNER	Added a setting making the trigger always turned on to support user applications running above the lock screen. More> ScanSettings User Guide - Basic - Always trigger enable
	Improved stability of SE965 scanner type's decoding procedure by blocking additional decoding while the previous decoding is in progress.

EmKit

(NEW)	EmSettings: 1) Added settings for controlling the navigation bar, Hide navigation bar & Control button order. More > Hide On-Screen Navigation Bar 2) Added ability to set notifications (sound & vibration) when pressing a button on the keypad. More> EmSettings Guide - Physical keypad settings 3) Categorized settings and improved UI for intuitive recognition.
	Program Buttons: 1) Meta option for mapping the Ctrl and Shift key combination behavior easily. More> Map Direct Input Feature to Button (Including Meta Option) 2) Added a feature to lock the touch action using a button. More> Lock Touch Screen Input
	Scan2Set: Added ability to use alias for Wi-Fi certificate when provisioning using QR code.
(IMPROVED)	Program Buttons: New smart remap feature and improved UI helps you remap and control the button functions easier. More> Program Buttons (V2) User Guide
	Direct Clone: Improved backup category name for better understanding of the listed applications

Scanner / ScanSettings

(NEW)	Added IP Send function that sends the barcode data to an IP address through TCP/UDP protocol. More> IP Send & RemoteWedge
	Added a setting to adjust the size of TouchScan button. More> ScanSettings User Guide - Basic - TouchScan
	Added a setting to exit the auto scan mode by button. More> ScanSettings User Guide - Basic - Auto Scan

Added new PEW actions:

- **Change to upper case:** Changes all characters to upper case.
- **Send up to char / string:** Sends only the part before a specific character or string.

More> [\[PEW\] Send Data Up to Specific Character / String](#)

Added an option to read a QR code:

- with no quiet zone (low-contrast background) → **No Quiet Zone**
- with out of standard finder pattern → **Non square decoding**

More> [How to Read QR Code that is Out of Standard](#)

Device Settings

(NEW)	Added a setting to use a floating action button to show/hide the virtual keyboard. More> Hide/Show Virtual Keyboard with Floating Button
(IMPROVED)	Improved system update (FOTA) to display an error message to check why the update failed.

Operating System

(NEW)	Enterprise Storage: Added availability to custom boot animation using enterprise storage. More> Custom Boot Animation
(IMPROVED)	Hot Swap Mode: Enhanced stability of hot swap mode by restricting the time to enter hot swap mode to the time of completion of booting.

Keypad

(IMPROVED)

Default mapped features of SoftLeftKey & SoftRightKey has been changed based on user experience.

	Before	After
SoftLeftKey	LeftPttKey	AppSwitchKey
SoftRightKey	DoScan	BackKey

Network

(NEW)	Added a setting for PNO (Wi-Fi preferred network offload) Scan Interval. More> Instruction of WLAN Detail Settings
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You can download the OS image file on [Service Portal](#). Or update OS version through FOTA.

Cannot Log-in on Service Portal?

Please contact your distributor or Point Mobile Sales team if you want to download OS package (PFU).