

# Matthews MPERIA 9.0.x

## Release Notes

*Please note that this version cannot be installed on older models of the MPERIA Lite controller. The last version with support for those controllers is 6.3.x, available in the [Legacy Controllers](#) folder on the download server. The MPERIA Standard controllers and the current MPERIA Lite controller (with dual Ethernet ports) are not affected by this limitation.*

*See the [MPERIA Lite Controller - Software Compatibility Update](#) for more information!*

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## 1 Highlighted new features

### 1.1 Advanced Bulk Ink System (ABIS) for L-series/L-LINK

Support has been added for the new ABIS bulk ink system for L-series/L-LINK.

*Note that use of bulk ink cartridges requires an ABIS. It is no longer possible to use bulk ink cartridges (QD) with custom built ink systems.*

### 1.2 Matthews A-series label applicator

Support has been added for the new Matthews A-series label applicator.

## **2 Other new features**

### **2.1 Support for BMP image files**

Windows BMP files can now be used alongside PNG and JPEG image files.

### **2.2 Center Squeeze on fixed-width texts**

A new text alignment option Center Squeeze has been created that centers the text if it is narrower than the configured width. Otherwise it will be squeezed to fit the configured width.

### **2.3 Creator backup/restore without VNC license**

Previously it was not possible to backup or restore the MPERIA controller from the Creator if the MPERIA controller didn't have a VNC license. This limitation has been removed.

### **2.4 Disable key animations for password input**

Password input keys are not animated when pressed in order to prevent a user from learning the password when it is entered remotely via VNC.

### **2.5 Add support for more currencies**

Both a generic currency (¤) has been added, as well as South African Rand.

## **3 Plugin and protocol improvements**

See the plugin manual for detailed documentation. Some highlights are:

- Add shutdown to Plugin API
- Support BMP image files
- Methods to get/set Ink Drop Flight Time for V-Series

## **4 Updated Documents**

- Command Protocol Manual 9.0.x
- Lua Plugin Manual 9.0.x
- Plugin GUI Manual 9.0.x
- XML Specification 9.0.x

# 5 Bug Fixes

Matthews works continuously to improve MPERIA. Whenever important bugs are found and fixed, Matthews will release a new software version. Bug fix releases (for which only the third number is incremented) only contain bug fixes, and no other changes in behavior.

## 5.1 Fixed bugs in 9.0.0 (from 8.1.6)

- Crash when retrying to enter incorrect bulk ink license. [MPERIASW 2549]
- Fixed using control characters in texts and barcodes. [MPERIASW-2556]
- Fixes latency spikes related to use of images. [MPERIASW-2576]
- Fixed importing SXTool backups without counter names. [MPERIASW-2586]
- Fixed inaccessible Printer Network settings without external network license. [MPERIASW-2597]

## 5.2 Fixed bugs in 9.0.1

- Fixed bug in 9.0.0 that could cause newly created A-series Installations to be removed after restart. [MPERIASW-2623]
- Fixed a bug where a too high current consumption on L-12/25/50 wasn't indicated (neither on the device nor on the controller), but printing was disabled. This problem has existed since version 6.3.0. [MPERIASW-2624]
- Improved compatibility of saved BMP files with non-standard compliant BMP readers. [MPERIASW-2621]

## 5.3 Fixed bugs in 9.0.2

- Complete translations to all supported languages.
- Fixed crash after calibrating touch screen. [MPERIASW-2629]
- Fixed crash when deleting a connected VNC tab. [MPERIASW-2630]
- Fixed incorrect ABIS overpressure error. [MPERIASW-2631]
- Fixed multiple labels per product on A-series. [MPERIASW-2627]
- Reverted incompatible change to the plugin function `mperia.marker.get_message()`. It now works like 8.1.x again. The documentation has been updated to document the behavior. [MPERIASW-2628]

## 5.4 Fixed bugs in 9.0.3

- **Fixed a bug that caused the MPERIA Lite controller to fail to start after it has been powered off shortly after starting. All MPERIA Lite controllers running 9.0.0 through 9.0.2 must be updated to prevent the controller from not starting. [MPERIASW-2649]**

## 5.5 Fixed bugs in 9.0.4

- Fixed a bug that caused legacy Evolabel installations to be deleted at software upgrade or restored from backup. [MPERIASW-2655]
- Fix incorrectly enabled brightness and screen saver settings. [MPERIASW-2653]

- Fix SX-32 emulator so that it does not require external network license. [MPERIASW-2616]

## **5.6 Fixed bugs in 9.0.5**

- Fix sporadic problem with Evolabel installations using multiple labels per product. [MPERIASW-2679]
- Move close button in Evolabel settings so it does not conceals controls. [MPERIASW-2681]