

Miura Software Release Note

Part number: M000-OS-V7-7
Description: Linux OS release for M000 platform.
Release Date: 2016-04-11

Comments

Production Release of MSCLE OS

This OS release is for production use.

Due to security enhancements, version 7-x of the OS cannot be down-graded to older versions.

This release note details all of the changes since OS-V7-6.

Enhancements

Title	FeliCa contactless support
Description	New features have been added for this release to support the FeliCa contactless RFID smart card system, including a new hardware variant of the M010 with different coloured contactless LEDs.
Bug References	3370, 3926

Title	Development and debugging enhancements
Description	Support for a development release version modifier to enable identification of development and test builds of the OS.
Bug References	3237

Title	Miura Library enhancements
Description	Improvements and addition of shared functions to the Miura Library used by various applications built-in the OS.
Bug References	2813, 3026, 3086, 3226, 3276

Title	USB host mode enhancements
Description	A new feature has been added to this release to extend the USB OTG functionality in the M010 and M007 to support USB host mode. This enables the support of selected peripherals such as the Printer Sled with the M010.
Bug References	3349, 3657, 3719, 3818, 3820, 3821

Fixes

Title	General build / development fixes
Description	Minor fixes to theoretical problems spotted during development with no real world implications.
Bug References	2965, 3014, 3015

Title	Miura Library
Description	A minor fix to a shared function in the Miura Library used by various applications built-in the OS.
Bug References	2962

Title	Smart card interface
Description	Improvement to smartcard insert / removal detection to improve noise immunity. This resolves an issue seen on a small batch of TEST devices.
Bug References	3844

Title	Spurious wake from standby
Description	An issue was seen on two units, where they returned from standby for no reason. The issue was traced to the hardware, but it was noted that the OS should not have been waking on this input anyway.
Bug References	3207

Released Files

M000-OS-V7-7.mlf

M000-OS-V7-7.mlf.sig

Release-note-M000-OS-V7-7.pdf

- Miura Loader File (MLF).
- Signature for the Miura Loader File (MLF).
- This release note file.