

Milan / Paylink Firmware Version 4.1.12.4 Release Notice.

This is a **Full** (4) release of the Milan / Paylink Interface firmware - code version **1.12.4**. Apart from improved F56 and JCM Vega support, this release only adds new devices / features to 3.1.12.3. There have as yet been no *bugs* reported for 3.1.12.3.

PC code versions.

To obtain all of the new facilities described in this release document the following PC/Windows versions are required:

Aesimhei.dll	Version 1.5.3.0 or later
Aesimhei.h	Dated 17 May 2012 or later (for 1.12.4 programming facilities)
Paylink.exe	Version 4.1.12.4 or later (For windows, this replaces AESxDriver)

PC Support Software.

Driver Bug

A bug has been identified and fixed in the driver programs. The main symptom of the bug was that during startup, in an unpredictable manner, the Paylink unit would fail; to synchronise properly, with the consequence that all payout attempts would fail with a PAY_SECURITY_FAIL code.

Other Issues

The DLL / Shared Library has been updated to introduce new event handling calls. (See below and API document)

The PC driver program has been updated to allow new entries in the configuration file. (See below and driver configuration document)

A minor bug in the Dot Net support API has been fixed.

IMHEIConsistencyError() has been updated to allow for the situation whereby a subsequent time request returns a *lower* value.

Compatibility with 1.12.x

Applications working with 1.12.3, will work unchanged with 1.12.4.

Upgrade / Downgrades

Any earlier version of the firmware can be upgraded to this version without any problems, although information stored on the Paylink (such as totals and keys) will be lost. Downgrading to 1.11.x, 1.10.x or will not cause any problems.

Changes to existing facilities

- The JCM Vega recycler support has been improved in the area of unexpected power failure / disconnection.
- The CCNet recycler support has been updated to handle the B2B-60 / MMB in unusual conditions.
- The Fujitsu F56 support now includes control of the shutter.
- The cctalk hopper code now uses header 171 to read out coin values if requested. (Previous releases used the MCL specific header 215.)
- Error handler for Innovative series note acceptors has been improved.

New Protocols / Devices

Compared to 1.12.3, the following items are now supported:

API Facilities

- The DLL now allows for events to be retrieved from multiple independent queues depending upon the functional area they were generated in, rather than just a single queue with all events in it.
- The AcceptorBlock has been updated to include new fields (BarcodesStacked & EscrowBarcodeHere), which allow the precise tracking of barcodes in multiple acceptor situations.

Bill Recyclers Added:

- CashCode B2B-60 / MMB
NB: 3.1.12.3 *will* drive this, but will not handle abnormal situations well.
- Innovative NV11
- Innovative NV200

Others

- Paylink can now drive mechanical meters instead of just the SEC electronic meter. (More details are in the latest documentation.)
- An input can be dedicated to allow the Paylink to locally monitor a power supply for impending power failure and apply an early disable to all peripherals.